



**Materials Management Plan and Chapter NR
718 Exemption, WB Brewery Building, LLC
and City of West Bend Parcels**

**415 North Main Street / 445 – 485 North
Main Street, West Bend, Wisconsin**

**WDNR BRRTS #02-67-586818 & 02-67-
586821**

March 15, 2021

Prepared for:

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MATERIALS MANAGEMENT PLAN AND CHAPTER NR 718 EXEMPTION, WB BREWERY BUILDING, LLC AND CITY OF WEST BEND PARCELS, WEST BEND, WISCONSIN

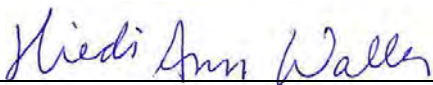
March 15, 2021

Sign-off Sheet

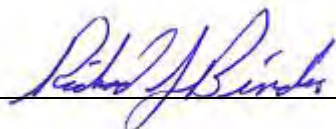
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1.0 OVERVIEW

This document was prepared on behalf of HKS Holdings, LLC (also referenced as the Developer) and presents a Materials Management Plan (MMP, Section 2.0) and a Chapter (Ch.) NR 718 Wisconsin Administrative Code (WAC) Exemption request (Section 3.0) for future soil and fluid management activities to be completed as part of redevelopment activities on the properties located at 415, 445 - 485 North Main Street and a parking lot with no address on North Main Street in West Bend, Wisconsin (herein referred to as the “Property” or “Site”).

The Property is approximately 2.94 acres and for ease of identification in this report, the individual parcels and associated information is provided below:

| Designation | Address | ACRES Number/ BRRTS Number | FID Number | Parcel Number | Owner | Size (acres) | Land Use / Zoning |
|-------------------|--|---|---------------|--------------------------|-----------------------------------|-----------------|---|
| “Former Car Wash” | 415 North Main Street | 239919 / 02-67-586818 (open ERP) 03-67-000841 (closed LUST) | 267051620 | 291- 1119114- 0031 | WB Brewery Building, LLC | 0.52 | Vacant, Central Business District |
| “Former Brewery” | 445 North Main Street 459-485 North Main Street | 239363 / 02-67-586821 (open ERP) | 267213870 | 291- 1119114- 0032 | WB Brewery Building, LLC | 2.18 | Commercial Storefronts, Mixed-Use Development District |
| “Parking Lot” | North Main Street | N/A (downgradient from 02-67-000323, open ERP) | N/A | 291- 1119114- 0033 | City of West Bend | 0.24 | Parking lot, Central Business District |

ACRES - EPA Assessment, Cleanup and Redevelopment Exchange System

BRRTS- Wisconsin Department of Natural Resources (WDNR) Bureau of Remediation and Redevelopment Tracking System

ERP – Environmental Repair Program

LUST – Leaking Underground Storage Tank

The Former Car Wash property includes a one-story building of concrete block construction and a small shed for supply storage on the north side of the main building. The remainder of the property is primarily asphalt paved with minor landscaped areas. The Former Brewery property buildings are built into a hill, with street level access for the west-facing businesses. Some businesses are accessible from the east as well with walk-out lower levels in these locations. Brick is the primary construction material, with most buildings being between one- to two-stories. The exception is the southern-most Former Brewery property building, which is a three-story building with a two-story wort tower and a large chimney. East of the Former Brewery buildings is paved parking for customers and/or business tenants and a gravel parking area is located to the northeast. An asphalt bi-modal pedestrian trail (Milwaukee Riverwalk Parkway) is located on the east side of the Former Brewery property adjacent to the Milwaukee River. Access to 415 and 445 N Main Street is provided by the former Franklin Street, which has been vacated east of the Property’s access driveways.

This document was prepared to outline proposed redevelopment of the Property for a four-building, four-story, and 177-unit mixed-use apartment complex with stores and restaurants on the first floor. Underground parking will be constructed below two of the multi-use structures. The information outlined in this document is intended to address typical remedial requirements routinely required on similar redevelopment projects throughout Wisconsin.

Stantec Consulting Services Inc. (Stantec) conducted a Phase I environmental site assessment (ESA) for the Property in July 2019 and July 2020 which lead to the Phase II ESA at the Property in September 2019. Stantec conducted a supplemental site investigation (SSI) at the Property in November 2020 and prepared a combined SSI Report, Remedial Actions Options Report (RAOR) and Remedial Action Plan (RAP) which was completed

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in March 2021. The data generated during the Phase II ESA and SSI Report will be used to guide the management, redeposition, disposal of, and/or capping of soil and other materials during redevelopment activities at the Property.

The Developer plans to transform the Property into a modern mixed-use redevelopment by constructing 177-units of residential apartment buildings, known as The District, on the Former Car Wash and Former Brewery parcels (commercial use on the first floor). An outdoor plaza and patio are proposed on the Parking Lot parcel. The project is anticipated to start with demolition of the current buildings in July 2021 and be completed by the Winter of 2022.

In order to facilitate building construction and overall redevelopment of the Site, on-site management of contaminated soils containing polynuclear aromatic hydrocarbons (PAHs), Resource Conservation and Recovery Act (RCRA) metals, and/or volatile organic compounds (VOCs) is proposed in compliance with Ch. NR 718 WAC requirements. Any excavated soil not re-used onsite will be disposed of at a licensed solid waste disposal facility. To address a potential direct contact concern, a cap will be placed over those portions of the Property that contain contaminated soil to protect public health and the environment using WDNR RR-709 "Guidance for Cover Systems as Soil Performance Standard Remedies". Potentially contaminated fluids will also be properly managed. Further information regarding the contaminants identified at the Property and the proposed MMP is provided in the following sections.

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2.0 MATERIALS MANAGEMENT PLAN

2.1 SOIL MOVEMENT AND MANAGEMENT

This MMP has been developed to manage soil within the Property boundaries in a manner that does not expand the current limits of contamination, exacerbate existing groundwater contamination risks, or create new risks such as a direct contact risk. Proposed soil handling and placement procedures will meet environmental closure requirements of Ch. NR 726.13(b) WAC and shall not pose an unacceptable threat to public health, safety, welfare or the environment.

PAHs, RCRA metals, and/or VOCs were detected at concentrations above Ch. NR 720 WAC direct contact residual contaminant levels (RCLs) at a majority of the soil borings advanced on the Property. Depth of contamination ranged between zero and ten feet below ground surface (ft bgs). Contamination was primarily associated with anthropogenic fill (cinders, glass, brick, coal and ash, and slag-like material), although contaminants of concern (COC) were also detected above the Ch. NR 720 WAC RCLs in other non-anthropogenic fill and native soil. Any material excavated for future use will either remain on-site and be capped or transported off-site for proper disposal at a licensed landfill.

Excavation activities associated with redevelopment will include, but are not limited to, stripping of topsoil, site leveling, underground parking garage excavation, building foundations, and utility trenches. Approximately 3,700 cubic yards (CY) of impacted soil requiring excavation is planned to be reused on-Property. The remaining material will be taken to a licensed landfill. Planned excavation activities are scheduled to be completed within a 6 to 8-week timeframe beginning in August 2021. Redevelopment and cut/fill plans are included in **Attachment A**.

Construction contractors will be responsible to implement and use best management practices for minimizing tracking of soil off-site in compliance with the erosion control plan developed as part of the design specifications. Dust suppression methods will also be utilized as required by the erosion control plan. Site-specific health and safety plans will be developed by each contractor and consulting firm working at the Property, as applicable to protect Property workers.

Soil excavated from the Property that cannot be reused on-site will be loaded directly into trucks and transported off-site for appropriate disposal upon acceptance by a certified landfill. Excavated materials will be monitored for the presence of:

- Strong or unusual odors;
- Unusual soil discoloration not previously noted;
- Change in soil conditions not previously noted; and
- Other solid waste (e.g. debris, tires, etc.).

If any of the above or other suspect materials are unexpectedly identified during excavation operations, excavation in this area will be suspended until the materials encountered are evaluated for proper management methods. The Property representative or designee of the developer will evaluate unusual situations on a case-by-case basis to determine the appropriate alternative response required. In each situation, the Property representative or designee of the developer will direct the contractor on proper disposal or relocation of the regulated material. The protocol when such unusual or changed conditions arise is as follows:

1. If the material encountered is unplanned or unexpected, stop work immediately within the general area of the discovery until directed otherwise by the Site representative or designee. The contractors may continue working in a different area if one is available.
2. Notify Erin Gross, PG, Staff Geologist - Stantec, immediately at (608) 628-6278 (cell), or erin.gross@stantec.com.
3. The Property representative or designee will document the location where the discovery was made, the waste material type, volume, and characteristics.
4. As directed by the Property representative or designee, the contractor shall temporarily stockpile the

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waste material. Depending on the materials encountered, special precautions such as encapsulation of stockpiled materials in plastic may be required.

5. Stantec will develop a plan for more permanent remediation or management of the newly discovered waste material including materials handling alternatives, staging requirements, additional sampling and analyses, and additional waste characterization profiling for disposal and/or reuse. The contractors shall have, and understand, the plan prior to continuing work in the affected area.
6. Stantec or its designee will complete the required additional notifications to WDNR, if warranted, and direct contractors in the loading, manifesting, and transport if off-site disposal is required.

These records will be accumulated throughout the duration of the construction project and will be incorporated into the post-construction documentation.

2.2 GRADING PLAN

The grading plan present in **Attachment A** includes the redistribution (cut/fill) of soils on-site. Identified COC in soil will be preferentially placed underneath the Site cover system to be installed and maintained on the Property as part of redevelopment activities. Residual contaminated soil throughout the Property will be capped by pavement/impermeable surfaces or an 18-inch clean soil cap. No contaminated soil will be placed in a floodplain. Positive drainage and storm water controls will minimize surface water infiltration and erosion, maintaining the integrity of the engineered cap. Redevelopment and cut/fill plans are included in **Attachment A**.

2.3 MISCELLANTIOUS MATERIALS

Miscellaneous materials may be generated or found in conjunction with the Project redevelopment. Examples of regulated materials would be demolition debris, wood, metal, glass, or concrete. These may be materials generated by individual sub-contractors or materials found within the excavated soil or fill material. In general, the contractor should load and transport miscellaneous materials for offsite disposal. The following table partially summarizes the miscellaneous materials by waste types.

| Material | Waste Type | Contractor Disposal/Management Requirements |
|---|--|--|
| Demolition Debris | Solid Waste | Dispose at recycler or landfill approved to accept this type of C&D waste. |
| Construction Waste | Solid Waste | Dispose at landfill approved to accept this type of C&D waste. |
| Wood & Glass | Solid Waste | Onsite management or disposal at landfill approved to accept this type of waste. |
| Metal (large pieces) | Recyclable | Set aside and arrange for metal recycling. |
| Miscellaneous containers, powders, potential asbestos, etc. | Hazardous Substance (Special Waste) or Hazardous Waste | Dispose at appropriate disposal facility. |

The protocol when such materials are encountered will be as described in Section 2.1.

2.4 OFF-SITE DISPOSAL OF CONTAMINATED MATERIALS

Soil originating from excavation activities associated with installation of utilities, construction of the building foundation system/underground parking lot and overall site cuts will be excavated and beneficially reused on-site as much as possible. Specifically, the contaminated soil/fill will preferentially be placed beneath areas of

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the proposed buildings and parking lots, and on landscaped portions of the Property. Impacted soils will then be capped in place as part of the redevelopment to address potential direct contact concerns. Excess soils not suitable for reuse will be disposed of off-site at a licensed landfill. No excavated soil will be transported on or across any roadways unless being transported under manifest to a licensed landfill or other WDNR approved disposal facility.

Any regulated material transported from the Property shall be covered by tarps during transport. Further, any persons or company transporting regulated materials from the Property must comply with all federal, state, and local requirements.

Trucks shall be placarded with unique signage specified by the Developer's representative or designee identifying the type of regulated material they carry and that the load originated at the Property. All trucks entering other disposal facilities with loads from the Property must be weighed in at the scale house. All trucks will establish an empty tare weight for their vehicle with driver by weighing out after disposing of the first load. The landfill will use the tare weight to compute the actual weight of regulated fill/soil contained in each additional load hauled in that vehicle during the week. This establishment of a tare weight process will be repeated each week while trucks are disposing of regulated materials. Weigh tickets for each load will be provided by the landfill.

2.5 FLUID MANAGEMENT

Significant dewatering is not anticipated at this time, although some dewatering is likely on the northern portion of the Property where groundwater is shallower. Appropriate erosion control measures will be put in place and appropriate permits obtained prior to site activities. As practicable, the weather forecast shall be used to schedule activities to minimize the potential for significant stormwater accumulation. However, potentially impacted groundwater and/or stormwater may accumulate in areas requiring removal. Removal and disposal requirements will be determined in the future but may include discharge to the sanitary sewer after approval from the City of West Bend, discharge to a storm sewer or other conveyance system under an approved Wisconsin Pollutant Discharge Elimination System (WPDES) permit, or removal via vacuum truck and off-site disposal at an approved treatment facility. Impacted fluids will be pumped to a settling basin prior to discharge and sediments in the basin will be managed with impacted soil.

2.6 CONSTRUCTION OBSERVATION

During active activities, a representative of the Developer will be on-site and monitor site activities. Stantec personnel may be present to observe and document grading and/or dewatering activities as they occur and would observe these activities to ensure that contaminated soil, fluids and other materials are being handled and moved as proposed in this MMP. Stantec will prepare a report that documents materials management and construction activities associated with the redevelopment. Documentation of approved on-site management of contaminated soil, proper handling and disposal of solid wastes and fluids, and engineered surface barrier construction will be conducted. Construction observation will be performed during remediation to document materials management and engineered barrier construction.

2.7 ENVIRONMENTAL MONITORING

Existing groundwater monitoring wells will be abandoned in accordance with Ch. NR 141 WAC prior to the redevelopment construction. It may be prudent to install groundwater monitoring wells post-construction to monitor VOC concentrations above the Ch. NR 140 WAC preventive action limit (PAL) and/or enforcement standard (ES). Although the investigation is considered substantially complete, further evaluation of physical and chemical hydrogeology may be warranted to further evaluate the source, magnitude/extent and monitor natural attenuation of the identified groundwater contamination. As redevelopment plans are finalized, a workplan for confirmation groundwater sampling will be developed and submitted to WDNR. Given the western location of TW-1/TW-3 and TW-7 along the Property boundary and the east-southeast groundwater flow direction, the chlorinated-VOC (CVOC) and petroleum-VOC (PVOC) groundwater concentrations measured above the Ch. NR 140 WAC PAL/ES may be attributable to an off-site source. It is recommended that an off-site liability exemption (Form 4400-201) is pursued for the groundwater impacts measured in these areas, if

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appropriate.

Soil and groundwater sampling data has been collected to determine the chemical and physical nature of the soil/fill material on the Property. This data was used to create a preliminary characterization of the waste for disposal and to determine the likely acceptable disposal facility if the material does not remain on site. No additional sampling is planned during redevelopment activities at this time. Excavated soil at the Property will be monitored for strong or unusual odors, unusual soil discoloration not previously noted, change in soil conditions not previously noted, and other solid waste (e.g. debris, tires, etc.). Other disposal facilities may be appropriate based on the materials encountered (e.g. dewatering fluids). Appropriate waste profiles and manifest documentation will be prepared by Stantec, as necessary.

2.8 ENGINEERED SURFACE BARRIER

Redevelopment of the Property will require permanent engineering controls in the form of building slabs, paved areas, concrete slabs, and/or clean soil cap (including landscaping) that will remain in place following redevelopment. In landscaped areas, the cap will consist of 14 inches of “clean” fill followed by 4 inches of “clean” topsoil for planting. The goal of the Property cover system is to prevent direct contact with contaminated soil and prevent soil contaminants from leaching into the groundwater. Topsoil will be seeded and vegetated to reinforce and maintain the soil cap. Upon completion of the development, Stantec will prepare a Cap Maintenance Plan outlining the responsibilities associated with inspecting, maintaining, or disturbing the caps for the Property. The extent of the Property cover system is illustrated on **Figure 4**. A more detailed plan including buildings, pavement, and greenspace areas will be prepared as part of the remedial documentation report and case closure request documents.

2.9 CONSTRUCTION DOCUMENTATION REPORT

A report will be submitted following the completion of construction at the Property. Following construction activities, a Ch. NR 724 WAC construction documentation report that documents soil management and construction activities associated with this redevelopment. Documentation will be submitted to the WDNR after completion of grading activities and may include, but not necessarily limited to:

- Physical description of the waste(s) encountered;
- The general location of the waste within a specific excavation and/or throughout the project area;
- A description of the time and date when the discovery of an unusual or unsuspected waste was made; and
- An estimate of the amount of unusual waste removed and the interim and/or final disposition of the waste.
- Documentation of fluid management activities
- Documentation of cover system construction activities

2.10 CONTINUING OBLIGATIONS

Maintenance of engineering controls and institutional controls on the Property will provide future control of the direct contact pathway, prevent contaminants in the soil from leaching into the groundwater, and provide a mechanism to maintain the integrity of the engineered barrier. A cap maintenance plan will be developed and submitted for WDNR approval prior to case closure. Cover maintenance will be conducted as necessary post-construction.

The Property will be placed on the WDNR’s online Geographic Information System (GIS) Registry of Closed Remediation Sites for sites with residual soil and groundwater contamination and will have an approved cap maintenance plan which describes requirements for annual cap inspection and timely repair of any damaged/deteriorated areas.

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2.11 OTHER REPORTING REQUIREMENTS

The anthropogenic fill present up to 10 ft bgs on the Property includes cinders, glass, brick, coal and ash, and slag-like material. According to Ch. NR 500.08 WAC, these materials are exempt from the requirements of Ch. NR 538 WAC and are not considered historic fill as long as they're not openly exposed or posing a safety risk in areas that will be frequently disturbed. Therefore, a historic fill exemption (WDNR Form 4400-226) is not needed regarding the anthropogenic material.

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3.0 NR 718 EXEMPTION REQUEST

3.1 PURPOSE OF REQUEST

The purpose of this Ch. NR 718 WAC exemption request is to manage contaminated soil as part of redevelopment activities on the same response action site from which it was generated.

Note: This exemption request follows the format outlined in the WDNR's *Recommended Template for Request to Manage Materials under Wis. Admin. Code NR718.12 or NR718.15* (WDNR Form 4400-315).

3.2 APPLICABLE FEES

The review fee for the MMP submittal as part of RAP approval, with residual soil continuing obligations, under Ch. NR 718 WAC is \$1,350 for the Property. A \$1,350 check accompanies this submittal.

3.3 PROPERTY AND CONTACT INFORMATION

| | |
|---|--|
| Property Name: | WB Brewery Building, LLC and City of West Bend Parcels |
| Other Site Names: | Car Wash Property (FMR) & West Bend Brewing Property (FMR) |
| BRRTS #s | #02-67-586818 & #02-67-586821 |
| FID # | #267051620 & #267213870 |
| Address: | 415, 445 & 447 North Main Street, West Bend, Washington County, Wisconsin 53090 |
| Location: | Southeast ¼ of the Southeast ¼, Section 11, Township 11 North, Range 19 East |
| Parcel IDs: | 291-1119114-0031, 291-1119114-0032, & 291-1119114-0033 |
| WTM Coordinates (center of project) | X Coordinate (WTM91): 666952 Y Coordinate (WTM91): 329936 |
| Latitude/Longitude (center of project) | Latitude: 43.4279111 Longitude: -88.1845137 |
| Current Zoning | Former Car Wash Property - Central Business District Former Brewery - Mixed-Use Development District Parking Lot - Central Business District |
| Current Land Use | Former Car Wash Property - Vacant Former Brewery – Commercial storefronts Parking Lot – Asphalt parking lot |

CONTACT INFORMATION

Contact information for entities associated with the Property are provided below:

**RESPONSIBLE
PARTY/PROPERTY
OWNER:**

Chris Schmidt
WB Brewery Building LLC
1423 Schloemer Drive
West Bend, WI 53095
Phone: (414) 312-3163
Email: chris@schmidtbuild.com

**CONTACT
INFORMATION FOR
QUESTIONS ABOUT
THIS REQUEST
(CONSULTANT):**

Stantec Consulting Services Inc.
12075 Corporate Parkway, Suite 200
Mequon, Wisconsin 53092
Erin Gross, P.G., Staff Geologist
Phone: (608) 628-6278
Email: Erin.Gross@Stantec.com

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WDNR CONTACT:

Wisconsin Department of Natural Resources
Waukesha Service Center
141 NW Barstow Street, Suite 180
Waukesha, Wisconsin 53188-3789
Mark Drews, Advanced Hydrogeologist
Phone: (414) 207-2133
Email: Mark.Drews@Wisconsin.gov

3.4 WASTE CHARACTERISTICS

A. Enter the total volume of contaminated soil and/or other solid waste to be managed (cubic yards):

The total volume of contaminated soil/fill that is anticipated to be excavated from and managed within the Property is approximately 21,200 CY. Approximately 17,500 CY will be generated/taken to a certified landfill and the remaining 3,700 will be managed on the Property and placed beneath a cap. The grading plan and other pertinent redevelopment plans are provided in **Attachment A**.

B. Describe the characteristics of the material proposed to be managed, which may include general makeup, physical characteristics, the homogeneity of the material, the proportion of soil to other solid waste, and any other pertinent descriptors.

Anthropogenic fill such as cinders, glass, brick, coal and ash, and slag-like material are present throughout the Property and extend to a depth up to ten ft bgs. This material was observed in samples collected east of the commercial buildings and Former Brewery at 445-485 North Main Street (boring locations: SB-7/TW-2, SB-9, SB-10, SB-12, TW-4, TW-5, TW-6, TW-8). See **Figure 3** for sample locations. Fill materials in other areas of the Property generally consisted of silty sand with gravel. Underlying native materials encountered generally consisted of clays and silts followed by gravel/sands with lenses of silt. Potentially contaminated groundwater and accumulated storm water may also require proper management.

C. Describe the historic and current land use of the generating site or facility where the contaminated soil or other solid waste originates, including how this site or facility is zoned.

The Former Car Wash property includes a one-story building of concrete block construction and a small shed for supply storage on the north side of the main building. The remainder of the property is primarily asphalt paved with minor landscaped areas. The Former Brewery property buildings are built into a hill, with street access at the west-facing businesses. Some businesses are accessible from the east as well and are located on the walk-out "basement" floors in these locations. Brick is the primary construction material, with most buildings being between one- to two-stories. The exception is the southern-most Former Brewery property building, which is a three-story building with a two-story wort tower and a large chimney. East of the Former Brewery buildings is paved parking for customers and/or business tenants and a gravel parking area is located to the northeast. An asphalt bi-modal pedestrian trail (Milwaukee Riverwalk Parkway) is located on the east side of the Former Brewery property adjacent to the Milwaukee River. Access to 415 and 445 N Main Street is provided by the former Franklin Street, which has been vacated east of the Property's access driveways.

The Former Brewery property operated as a brewery from at least 1884 to 1969. The Former Car Wash property operated as a gasoline service station and car wash from at least 1928 to 1974. Five underground storage tanks (USTs) were removed from a single excavation in May of 1990. The Parking Lot parcel served as the right-of-way of Main Street/River Street for approximately 100 years and also included a jewelry shop, cigar store and cigar factory. Historical and present uses adjoining the Property include several historical filling stations with gasoline tanks located west and south of the Property and a malting company and dry cleaner located to the west. The Property and surrounding properties are mostly commercially zoned with some residential properties located further west. The Property and surrounding properties are mostly commercially zoned with some residential properties further west.

The Property will be rezoned for mixed-use purposes (mixed-use multi-family housing and commercial on the first floor). Current redevelopment plans are included in **Attachment A**.

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D. Describe identified contaminants and the source(s). Indicate whether contaminant concentrations exceed Wis. Admin. Code § NR 720 Residual Contaminant Levels.

COCs and exposure routes were evaluated for the Property relative to Ch. NR 720 WAC RCLs for soil, Ch. NR 140 WAC PALs and ESs for groundwater quality, and WDNR vapor risk screening levels (VRSLs) based on the EPA Air Screening Levels for vapor. Complete laboratory analytical results are provided as **Attachment B** and laboratory result summary tables are included in **Tables 1-3**.

Table A summarizes the COCs identified and soil exposure pathways determined for the Former Car Wash and Former Brewery portions of the Property. Samples were not collected from the Parking Lot site during the Phase II ESA nor the SSI. Two wells, MW-6 and MW-7 were installed on the Parking Lot site during a 1996 Clothes Clinic investigation, BRRTS #02-67-000323, but soil sample data is not currently available.

Table A: Identified COCs and Exposure Pathways Exceeded in One or More Soil Sample

| Contaminant of Concern | Exposure Pathway | Former Brewery parcel | Former Car Wash parcel |
|------------------------|------------------|-----------------------|------------------------|
| RCRA Metals | NIDC RCL + BTV | <u>Yes</u> | <u>Yes</u> |
| | IDC RCL+ BTV | <u>Yes</u> | No |
| | GW RCL + BTV | <u>Yes</u> | <u>Yes</u> |
| PAHs | NIDC RCL | <u>Yes</u> | <u>Yes</u> |
| | IDC RCL | No | No |
| | GW RCL | <u>Yes</u> | <u>Yes</u> |
| VOCs | NIDC RCL | No | No |
| | IDC RCL | No | No |
| | GW RCL | <u>Yes</u> | No |

NIDC RCL – Non-industrial Ch. NR 720 WAC RCL
 IDC RCL – Industrial Ch. NR 720 WAC RCL
 GW RCL – Ch. NR 720 WAC groundwater protection RCL
 BTV – Background threshold value

Groundwater contaminant concentrations were compared to Ch. NR 140 WAC ESs and PALs. **Table B** summarizes COCs exceeding the PAL and/or ES in groundwater for the Property during the Phase II ESA and SSI sampling events for the Former Car Wash and Former Brewery sites. Two wells, MW-6 and MW-7 were installed on the Parking Lot site during a 1996 Clothes Clinic investigation, BRRTS #02-67-000323, but additional groundwater samples were not collected during the Phase II ESA/SSI:

Table B: COCs Above the PAL and ES in One or More Groundwater Sample

| Contaminant of Concern | Ch. NR 140 WAC ES or PAL | Former Brewery parcel | Former Car Wash parcel | Parking Lot parcel |
|-------------------------|--------------------------|-----------------------|------------------------|--------------------|
| Dissolved RCRA metal(s) | PAL | <u>Yes</u> | NLA | NLA |
| | ES | No | NLA | NLA |
| PAHs | PAL | No | NLA | NLA |
| | ES | No | NLA | NLA |
| VOCs | PAL | <u>Yes</u> | No | <u>Yes</u> |
| | ES | <u>Yes</u> | No | <u>Yes</u> |

NLA = Not Laboratory Analyzed

COCs identified on the Property, particularly PAHs and RCRA metals, are likely primarily associated with the anthropogenic fill. VOCs are likely associated with upgradient sources given historical adjoining uses west of the Property and WDNR actions reported upgradient from these areas (i.e. dry cleaner facility and leaking underground storage tanks). Based on the sample results reported from the monitoring wells installed during the Phase II ESA and SSI, the presence of PAH contamination in soil does not appear to be negatively affecting groundwater as no analyzed constituents were present in groundwater above Ch. NR 140 WAC PALs.

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The concentrations of VOCs in soil gas collected from soil vapor points are less than WDNR VRSLs for residential and small-commercial properties via the sub-slab and deep soil gas exposure pathways. Therefore, the vapor exposure pathway is not currently a concern.

E. Describe the sampling activities conducted to characterize the material including where the samples were collected, how sample locations were chosen, the sampling methods used, and when sampling activities were conducted.

Field activities were completed in a phased approach at the Property in accordance with a Phase II ESA Site-Specific Sampling and Analysis Plan (SSSAP) and a SSI SSSAP using sampling and analyses procedures outlined in the Quality Assurance Project Plan (QAPP) prepared by Stantec in 2015/2019.

As part of the Phase II ESA in 2019, Probe Technologies, Inc., of West Bend, Wisconsin (Probe Tech) advanced 13 soil boreholes at various locations throughout the Property on September 13, 2019, under the supervision of Stantec personnel. These borings were primarily chosen due to historic Property uses and/or RECs identified during a Phase I ESA conducted by Stantec in July 2019. Soil borings were advanced with a truck-mounted Geoprobe® using direct-push sampling methods. Boreholes extended up to 16 ft bgs, or to refusal. Boring logs and WDNR well abandonment forms have been previously submitted with the Phase II ESA (Stantec, 2020a) and are included in **Attachment C**.

As part of the SSI in 2020, GESTRA Engineering, Inc. advanced an additional 17 soil boreholes at targeted locations at the Property on September 16-18, 2020 to further delineate soil impacts identified during the Phase II ESA. Soil borings were advanced with a truck-mounted Geoprobe® using direct-push or 3.25-inch hollow-stem auger split-spoon sampling methods. Boreholes extended up to 20 ft bgs, or to refusal. See **Figure 3** for sampling locations.

In general, contaminant impacts appear to be associated with anthropogenic fill and upgradient VOC sources, but are also observed in non-anthropogenic fill. Active remediation of contaminated soil and groundwater are not anticipated to be necessary, but contaminant presence must be considered during future site redevelopment activities.

F. Explain how the sampling activities adequately characterized the contaminated soil or other solid waste proposed to be managed. Indicate whether the samples were analyzed for all contaminants previously identified at the generating site or facility and analyzed for all contaminants potentially present at the site or facility considering current and historic land use. Discuss how samples were collected from areas most likely to be contaminated and from material that will be managed under this exemption.

Phase II ESA and SSI activities were focused on likely sources of contamination identified as part of a Phase I ESA completed by Stantec. If contamination was identified, additional sampling occurred in that area to define the extent of that contamination. Based on this information, site investigation activities adequately characterized contaminated soil proposed to be managed, analyzed the soil and groundwater for all potentially present contaminants considering current and historic land use, and collected samples from areas most likely to be contaminated from the material to be managed under the exemption. No additional soil sampling activities are planned during soil movement/management associated with redevelopment.

G. Enter the total number of samples collected from this material and analyzed for contaminants of concern.

A total of 30 soil samples were collected during Phase II ESA and SSI activities and analyzed for RCRA metals, PAHs, and/or VOCs.

H. Enter the rate of sample collection per volume.

One sample per 410 CY of contaminated material.

I. Wis. Admin. Code § NR 718.12 (1) (e) requires that samples collected to characterize soil be collected at a rate of one sample per 100 cubic yards (for the first 600 cubic yards) and one sample for each additional 300 cubic yards of material, with a minimum of two samples. If the DNR pre-approved an alternative sampling plan, describe how the sampling that was conducted complied with a pre-approved plan. Please also provide the date the sampling plan

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was pre-approved and the name of the DNR staff person who approved the plan.

The Phase II ESA was conducted using hazardous substance and petroleum brownfields funding awarded to Washington County by the EPA in 2017 as part of a Coalition Community Wide Brownfields Assessment Grant, Cooperative Agreement No. BF 00E02304-0. The SSSAP was approved by the EPA on August 21, 2019, prior to Phase II ESA work. The SSI SSSAP was approved by Mark Drews, WDNR PM, via email on November 12, 2020 and approved by Brian Kennedy, PE, EPA Project Manager, via email on November 13, 2020.

Based on the delineated extent of contaminated soil between zero and 10 ft bgs, no further sampling is needed to characterize or define the extent of these materials.

3.5 PROJECT DESCRIPTION/MATERIAL MANAGEMENT PLAN

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (b) (5), (7) and (8). In this section, describe how the contaminated material will be managed, the proposed schedule for managing the material, and provide sufficient information to justify that the placement of the contaminated materials will meet the requirements of Wis. Admin. Code §§ NR 726.13 (1) (b) 1. to 5. Narrative boxes have a limit of 2500 characters. Please attach additional pages if necessary, clearly labeling the section of the form to which you are responding.

A. Describe the material management activities to take place. Provide details on how and where the material will be generated, transported and placed. Describe the depth of the proposed excavation of contaminated soil or other solid waste, and the depth that it will be placed at the receiving site or facility. Describe any response actions proposed for the receiving site or facility to address the relocated contaminated material (such as the construction of a cap). Discuss how material management activities will fit in with the overall property remediation and/or redevelopment plans.

Please refer to Section 2.0 and 3.0 of this submittal for details related to this request.

B. Summarize the proposed schedule for implementation of the material management plan including anticipated start and end dates.

Task 1 - Complete pre-demolition testing/permitting and abatement (as warranted) – June 1, 2021

Task 2 - Abatement and demolition of existing buildings - July 1, 2021

Task 3 - Start of construction/remediation - August 1, 2021

Task 4 - Completion of remedial excavation activities - September 30, 2021

Task 5 - Completion of construction (parking lots, sidewalks, and landscaping) – December 31, 2021

Task 6 - Submit case closure request to WDNR - April 13, 2022

C. Confirm the proposed material management will comply with Wis. Admin. Code § NR 726.13 (1) (b) 1. through 5.

The proposed material management will comply with Wis. Admin. Code § NR 726.13 (1) (b) 1. through 5.

D. Describe any procedures that have been established, or methods that will be used, to identify previously undocumented contamination during the completion of this project (such as instrument field screening, visual inspections, etc.). Also describe any contingency procedures that have been established to address unexpected contamination.

Please refer to Section 2.1 of this submittal for details related to this request.

E. Summarize how the proposed management activities will prevent or minimize adverse environmental impacts and potential threats to human health and welfare, including worker safety, by assessing how all potential exposure and migration pathways of concern, including direct contact exposure, vapor intrusion, ground water, surface water, sediment and any other relevant pathway will be addressed by the proposed management.

MATERIALS MANAGEMENT PLAN AND CHAPTER NR 718 EXEMPTION, WB BREWERY BUILDING, LLC AND CITY OF WEST BEND PARCELS, WEST BEND, WISCONSIN

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The proposed redevelopment plan is intended to manage environmental risk and establish a constructible and cost-effective approach to facilitate construction.

Stantec considered the following factors when planning soil management activities in conjunction with development. In general, excavated soil can be moved from one area of a site to another if it does not cause:

- A vapor risk to occupied structures;
- Exceedance of surface water or air quality standards;
- A direct contact risk to inhabitants or users of a site;
- Exceedance of a Ch. NR 140 WAC groundwater quality ES at any applicable point of standards application; or
- Expansion of a groundwater contamination plume.

The proposed management activities will prevent or minimize adverse environmental impacts and potential threats to human health and welfare, including worker safety. Each potential exposure and migration pathway of concern is addressed below.

Public Health, Safety, or Welfare or The Environment

The proposed soil handling and placement procedures meet environmental closure requirements of Ch. NR 726.13(b) WAC and do not pose an unacceptable threat to public health, safety, welfare, or the environment.

Vapor Intrusion

Identified contamination associated with groundwater and soil consists of CVOCs/PVOCs, PAHs, and RCRA metals. The RCRA metals and PAH constituents do not pose a threat to human health or safety from a vapor migration standpoint in underlying soils. VOCs were reported at low concentrations (above the groundwater protection RCLs) in soil and none of the detected VOCs were identified above their respective direct contact standards. CVOCs and PVOCs were detected at concentrations exceeding the PAL and ES in groundwater present on the Former Brewery parcel along the western Property boundary. The concentrations of VOCs in soil gas collected from all soil vapor points are less than WDNR VRSLs for residential and small-commercial properties via the sub-slab and deep soil gas exposure pathways. Therefore, the vapor exposure pathway is low risk.

Each new building will include underground parking. Appropriate ventilation of the parking areas will further minimize vapor intrusion risk to residents. Although lower risk, a passive sub-slab depressurization system may be installed if required by the WDNR. In addition, utility trench plugs will be installed as needed to prevent migration of vapors and fluids off-site vapor migration.

Sediment/Surface Water

Significant dewatering is not anticipated at this time, although dewatering is likely on the northern portion of the Property where groundwater is shallower. Construction storm water discharge will be regulated by a WPDES General Permit No. WI-S067831-05 or discharge to the sanitary sewer after appropriate City of West Bend approval. Excess water may also be removed via vacuum truck with off-site disposal at an approved treatment facility. Appropriate storm water and erosion control measures will be put in place prior to Property activities to minimize erosion and storm water runoff. As practicable, the weather forecast shall be used to schedule Site activities to minimize the potential for significant storm water accumulation. However, potentially impacted groundwater and storm water may accumulate in areas requiring removal. Impacted fluids will be pumped to a settling basin prior to discharge and sediments in the basin will be managed with impacted soil.

Air Quality

Contamination will be capped with building slabs, paved areas, concrete patio/sidewalk, and/or an 18-inch clean soil cap, limiting volatilization of residual VOCs. Construction methods will include best management practices to limit particulate emissions. Contractors will be required to adequately wet soil during dry periods to prevent visible emissions.

Direct Contact Exposure

The direct contact pathway on the Property will be protected by engineering controls in the form of building

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slabs, paved areas, concrete patio/sidewalk, and/or a clean soil cap (including landscaping) that will remain in place following redevelopment. In landscaped areas, the cap will consist of 14 inches of clean imported fill followed by 4 inches of clean imported topsoil for planting. The goal of the site cover system is to prevent direct contact with contaminated soil.

Groundwater Quality/Water Supply

Groundwater has been impacted on the Parking Lot and Former Brewery parcels. Dissolved arsenic, chromium, and lead were detected on the Former Brewery site above the Ch. NR 140 WAC PAL. Benzene was detected on the northwest portion of the Former Brewery site above the Ch. NR 140 WAC PAL and CVOCs (cis-1,2-dichloroethene and tetrachloroethene) were detected above the Ch. NR 140 WAC ES. PVOCS (benzene, ethylbenzene, and naphthalene) were detected above the CH. NR 140 WAC PAL and ES on the central-western border of the Former Brewery parcel. CVOCs were detected above the Ch. NR 140 WAC PAL and ES on the Parking Lot parcel, likely due to upgradient impacts from a dry cleaner.

3.6 RECEIVING SITE OR FACILITY INFORMATION

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (c) 3. In this section, describe the site or facility receiving the material by addressing the following items.

This section is not applicable as all soil taken off site will be disposed at a certified landfill. All soil reported to have been impacted with direct contact concerns will be capped on Site as part of the redevelopment. Additional details regarding the movement, management and capping of impacted materials are provided in Section 2.0 of this submittal.

3.7 LOCATIONAL CRITERIA

Within a floodplain: **No (east of the Riverwalk, see Figure 6)**

Within 100 feet of any wetland or critical habitat area: **No (see Figure 6)**

Within 300 feet of any navigable river, stream, lake, pond, or flowage: **Yes, Milwaukee River (see Figure 2)**

Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well: **No**

Within 3 feet of the high groundwater level: **No (see Table 4 and Attachment A)**

At a depth greater than the depth of the original excavation from which the contaminated soil was removed: **No (see Attachment A)**

Include an explanation of why granting an exemption to the Wis. Admin. Code § NR 718.12 (1) (c) locational criteria will not cause a threat to public health, safety, or welfare or the environment by assessing how all potential exposure and migration pathways of concern, including direct contact exposure, vapor intrusion, ground water, surface water, sediment and any other relevant pathway will be addressed by the proposed management. Consider the quantity and characteristics of the material being managed, the geologic and hydrogeological characteristics of the receiving site or facility, the unavailability of other environmentally suitable alternatives, and whether the activities will comply with other state and federal regulations including other portions of Wis. Admin. Code chs. NR 700 to NR 754.

Since all the locational criteria will not be met, Stantec requests an exemption be issued for the proposed material management activities. The following information is provided in support of the exemption.

Waste Characteristics and Quantities

Soil excavation activities are anticipated within areas where VOC, RCRA metal and/or PAH-impacted soil will be encountered. Impacted material observed at the Property primarily consists of anthropogenic fill containing cinders, glass, brick, coal and ash, and/or slag-like material to depths of up to ten ft bgs. Fill materials in other areas of the Property generally consisted of silty sand with gravel. Underlying native materials encountered generally consisted of clays and silts followed by gravel/sands with lenses of silt up to 20 ft bgs. The excavation activities will include, but are not limited to, stripping of topsoil, site leveling, building foundations, underground parking excavation, and utility trenches. The COC impacted soil/fill will remain within the current footprint of the Property.

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A portion of the impacted soil requiring excavation is planned to be reused on-Property. Specifically, the soil/fill will preferentially be placed beneath areas of the proposed buildings and parking lots, and on landscaped portions of the Property. Although there is a floodway present east of the bi-modal pedestrian trail, no impacted soil will be placed in that area. In general, impacted soil that will be placed on site will be used to raise the grade per the cut/fill plan (**Attachment A**). Impacted soils will then be capped in place as part of the redevelopment to address potential direct contact concerns. All excavated soil is anticipated to be preferentially reused onsite. The remaining soil shall be taken offsite for disposal at a certified landfill. Other disposal facilities may be appropriate based on the materials encountered (e.g. dewatering fluids, solid waste, etc.). Appropriate waste profiles and manifest documentation will be prepared by Stantec, as necessary. Any regulated material transported from the Property shall be covered by tarps during transport. Further, any persons or company transporting regulated materials from the Property must comply with all federal, state, and local requirements. Redevelopment plans including anticipated grading plans are provided in **Attachment A**.

Geologic and Hydrogeologic Characteristics

Groundwater, when encountered at the Property, was present between 5 and 18 ft bgs. Various VOCs and dissolved metals were reported at concentrations exceeding their respective Ch. NR 140 WAC PALs and/or Ch. NR 140 WAC ESs. Based on groundwater samples collected during previous site investigation activities, it does not appear that impacted soil/fill is having a significant impact on groundwater quality on the Property. Although groundwater with constituents exceeding their respective PALs and/or ESs is present at the Property, management of soil at the Property is not likely to create any further adverse impacts to groundwater quality. Clay dams/plugs will be installed for every 100 feet of utilities, which include coarse bed and backfill material, to minimize the potential for contaminant migration. Significant dewatering is not anticipated at this time. Fluids will be managed as described in **Section 2.1**.

Unavailability of Environmentally Suitable Alternatives

The redevelopment will turn an underutilized area into a vibrant mixed-use residential development with commercial use on the first floor. In comparing the reuse alternative to other options such as complete off-site landfill disposal, it was determined that the project would not be economically feasible to construct due to the added financial burden. Given that the excavated soil is of "like" character to in-situ soil in the placement area, on-site management appears to be a practical and environmentally suitable option.

Compliance with Other State and Federal Regulations

Soil management will follow other state and federal regulations and additional permits and approvals obtained as needed. The entire area will be managed as a construction site with proper erosion control and the soil will be managed per approved material management and capping plans for the Property designed to be protective of human health and the environment. All remaining contamination, including VOC, RCRA metals, and PAH-impacted soils will be capped with paved/impermeable surfaces or 18 inches of clean soil upon final placement as documented below. As mentioned previously, erosion control measures will be taken to prevent the potential runoff or surface migration of contaminants during construction per any necessary permits.

3.8 ADDITIONAL INFORMATION FOR NON-METALLIC MINE RECEIVING SITES OR FACILITIES

This section is not applicable. The Property is not currently a non-metallic mine site.

3.9 CONTINUING OBLIGATIONS

The following information is necessary for the DNR to review the request for compliance with Wis. Admin. Code §§ NR 718.12 (2) (d) and (e). Check the applicable boxes to indicate which continuing obligations will be specifically required to address the material being managed on the receiving site or facility. The associated language will appear in the Wis. Admin. Code Ch. NR 718 Approval Letter.

No Continuing Obligations

Residual Soil Contamination:

If contaminated soil managed under this material management plan is excavated in the future,

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the property owner at the time of excavation will be responsible for the following:

- determine if contamination is present,
- determine whether the material would be considered solid or hazardous waste,
- ensure that any storage, treatment or disposal follows applicable statutes and rules.

Contaminated soil may be managed in accordance with Ch. NR 718 WAC, with prior WDNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose a hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans. A historic fill exemption is required prior to construction of any structures over fill materials.

Depending on site-specific conditions, construction over contaminated soils or groundwater may also result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor intrusion and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the Property.

Maintenance of a cover:

A soil cover/engineered cover/other has been placed over remaining contamination and this cover must be maintained. Inspections will be required, and submittal of inspection reports may be required. Certain activities which would disturb the cover or barrier will be prohibited. If the cover is approved for industrial land use, notification of the WDNR is required before changing to a non-industrial use, to determine if the cover will be protective for that use. A maintenance plan shall be submitted with the Remedial Documentation Report. A map is attached which shows the location of the extent of contaminated materials (**Figure 3**) and the extent of the cover (**Figure 4**).

Use of Industrial Land Use Soil Standards:

Industrial soil standards have been applied for the site receiving the contaminated materials. The WDNR must be notified if the property land use will change from industrial use to a non-industrial land use. Additional investigation and remediation may be required prior to the change in land use to ensure the site conditions are protective for the planned land use.

Vapor: Future Actions to Address Vapor Intrusion:

While vapor intrusion does not currently exist, if a building is constructed on this property, or reconstructed, or if use of a building is changed to a non-industrial use, vapor intrusion may be a concern. The WDNR must be notified before construction of a building or changing the use of an existing building to non-industrial use. The use of vapor control technologies or an assessment of the potential for vapor intrusion will be required at that time.

Site Specific Condition:

Describe the site-specific condition: N/A

3.10 FIGURES

Providing figures as part of the material management plan will allow DNR staff to more quickly evaluate the compliance of the request with the requirements of Wis. Admin. Code §§ NR 718.12 (1) and (2) and NR 718.15. The following are recommended figures to be submitted with this request.

The DNR recommends that all maps are drawn to scale not larger than 1 inch equal to 100 feet and labeled with the site or facility name and address. The location of the property and the specific disposal area should be provided in enough detail to allow DNR personnel to inspect these areas in the future. Providing a “cut/fill” map that clearly depicts how much material will be removed or added to different areas of the involved property(ies) and depicting how material will be moved across the site is also highly recommended.

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Providing cross sections that depict site conditions before and after material management activities is also recommended.

Attach appropriate figures to this form. Use the following checklist to ensure recommended items are included in the attached figures.

The boundaries of each property involved in the project as well as named and unnamed roads or access points, buildings and other surface features, underground utilities, land uses on adjacent properties, and known and potential sources of hazardous substances.

Pertinent information related to this request can be found on **Attachment A** and **Figures 1, 2, 3, and 5.**

The location of wetlands, critical habitat areas, floodplains, surface water bodies, water supply wells, or other possible receptors located near or within the area where material will be managed.

Pertinent information related to the request can be found on **Figure 6.** No water supply wells are located within 300 feet of the Property boundary.

The lateral extent and depth of planned excavation, grading, or otherwise disturbed areas. The lateral extent and thickness of excavated material placement locations.

Pertinent information related to this request can be found in **Attachment A.**

Soil sample locations at the response action site and receiving site(s) or facility(ies). Depict applicable soil contaminant concentration data and sample depths. Indicate the extent of contamination exceeding a RCL.

Pertinent information related to this request can be found on **Figure 3, Tables 1-3** and **Figures 7a/7b.**

Depth to groundwater.

Pertinent information related to this request can be found in **Table 4.**

The extent of any performance standards (such as a barrier or cap) that will be required at the completion of management activities.

Pertinent information related to this request can be found on **Figure 4.**

3.11 ADDITIONAL ATTACHMENTS

The following documents are recommended for inclusion with a Wis. Admin. Code § NR 718.12 or a Wis. Admin. Code § 718.15 request. Indicate which of these documents are included in this request by checking the boxes below.

A table summarizing the analytical results of all soil/waste samples collected at the generating site or facility that meets the requirements of Wis. Admin. Code § 716.15 (4) (e). Clearly indicate which of these samples were collected from material that is proposed to be managed.

Tables summarizing soil, groundwater, and vapor sample analytical results for the Property are provided as **Tables 1-3.**

The analytical package for all samples listed on the above table. The package should include the sample results, chain of custody, sampling methods, and QA/QC data.

Complete laboratory analytical results are included as **Attachment B.**

A maintenance plan for any performance standard needed to address the material proposed to be managed. The plan should follow the format found in DNR Form 4400-202, Attachment D.

A plan for maintenance of the engineered cap will be submitted to the WDNR at a future date.

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A copy of the reclamation plan for the receiving site or facility if it is a nonmetallic mine. Confirm the plan allows for acceptance of contaminated soil by marking relevant plan sections.

Not applicable.

Power of Attorney (if applicable, see Section 12).

Not applicable.

Deed for the property receiving the contaminated material. If a certified survey map or plat map is referenced by this deed then also include those documents.

A deed for the site receiving the contaminated material is not applicable as soil generated during redevelopment is planned to remain onsite or be disposed at a certified landfill.

Provide a copy of a parcel map depicting the property(ies) boundaries.

A parcel map depicting the Site boundaries is included as **Figure 2**.

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3.12 CERTIFICATION STATEMENTS

Wis. Admin. Code Ch. NR 712, entitled “Personnel Qualifications for Conducting Environmental Response Actions,” establishes minimum standards for experience and professional qualifications for persons who perform certain environmental services. All exemption requests submitted to manage contaminated soil or other solid waste as an interim action or remedial action under Wis. Admin. Code chs. NR 708 or NR 722 must be prepared by, or prepared under, the supervision of a professional engineer per Wis. Admin. Code Ch. NR 712. The professional engineer who prepared or supervised this exemption request should complete the following section. This law applies to work conducted under Wis. Admin. Code Ch. NR 718, unless specifically exempted.

This document has been prepared and certified by the following Wisconsin licensed professionals:

I, Erin N. Gross, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of Ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of Ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Erin N. Gross, P.G.
Staff Geologist
Phone: (608) 628-6278
Email: Erin.Gross@stantec.com



Date: 3/15/2021

I, Hiedi A. Waller, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of Ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in Ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.



Hiedi A. Waller, P.E.
Senior Engineer
Phone: (262) 643-9161
Email: Hiedi.Waller@stantec.com



Date: 3/15/2021

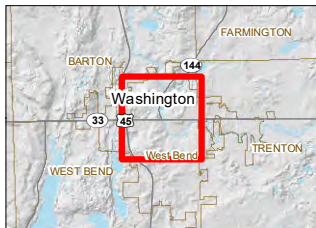
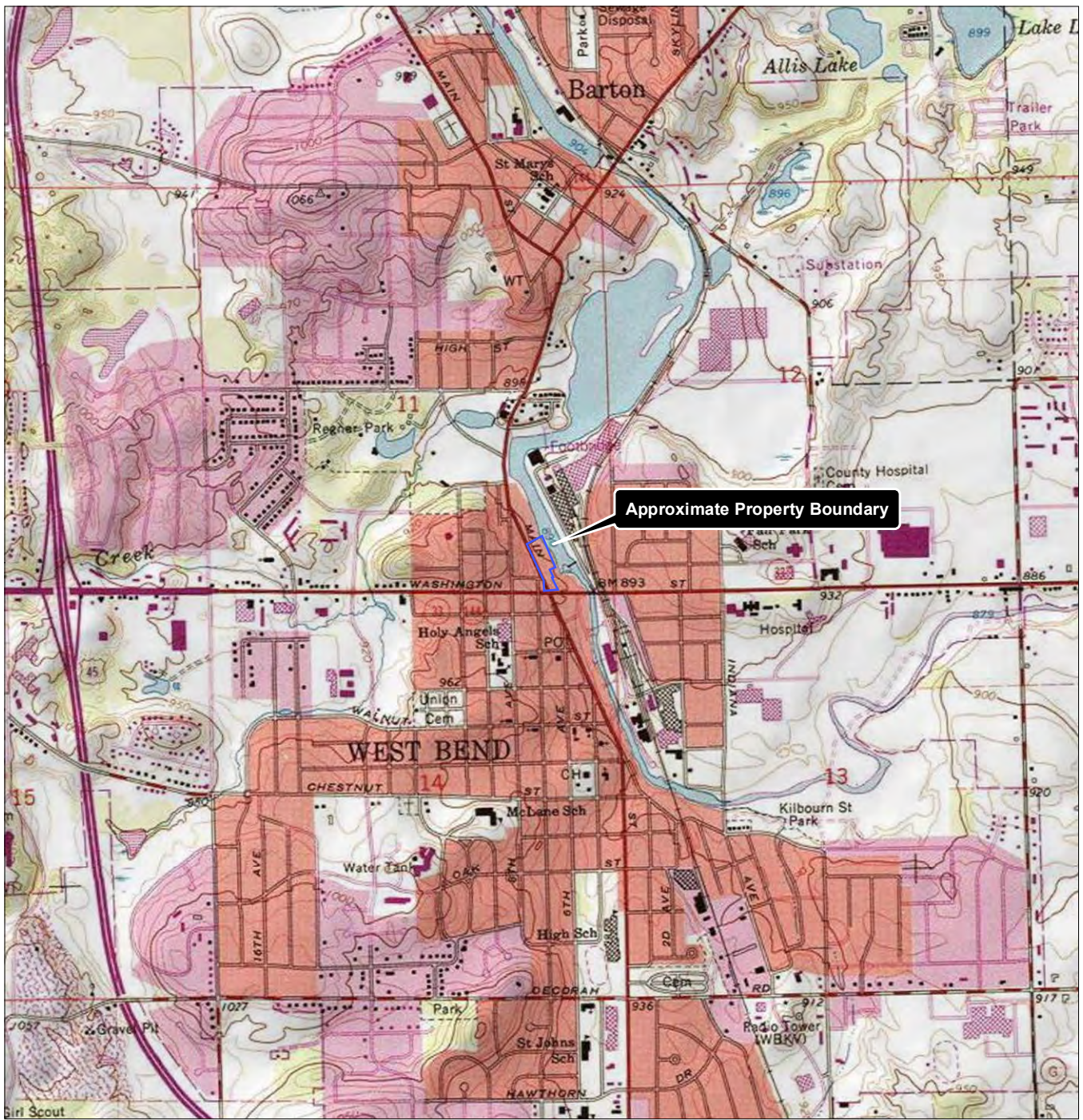
March 15, 2021

4.0 DISCLAIMER AND LIMITATIONS

The MMP was developed in accordance with generally accepted practices of the profession for performing similar work at the same time and in the same geographical area. Stantec observed that degree of care and skill generally exercised by the profession under similar circumstances and conditions. No other warranty is expressed or implied.

Stantec observations, findings, and opinions must not be considered as scientific certainties but only an opinion based on our professional judgment concerning the significance of the data gathered during the investigation. Specifically, Stantec does not and cannot represent that the Property contains no hazardous or toxic materials or other latent condition beyond that observed by Stantec.

FIGURES

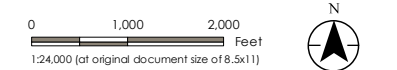


Legend
 Approximate Property Boundary

Figure No. **1**
 Title **Property Location and Local Topography**
 Client/Project
 WB Brewery Building, LLC & City of West Bend Parcels
 West Bend, Wisconsin
 Materials Management Plan
 Project Location
 111N, R19E, S11,
 C. of West Bend,
 Washington Co., WI
 193707897
 Prepared by AJS on 2019-02-28
 Technical Review by SF on 2019-02-28
 Independent Review by EG on 2021-03-05

- Notes**
1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
 2. Data Sources Include: Stantec, WDNR, WisDOT
 3. Background: USGS 7.5 Topographic Quadrangles

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.





- Legend**
- Approximate Site Boundary
 - Approximate Proposed Building Locations

Notes

1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Data Sources Include: Stantec, SGO, WDNR, WisDOT
3. Orthophotography: ESRI World Imagery Clarity

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Figure No. **2**
 Title **Property Vicinity Map**

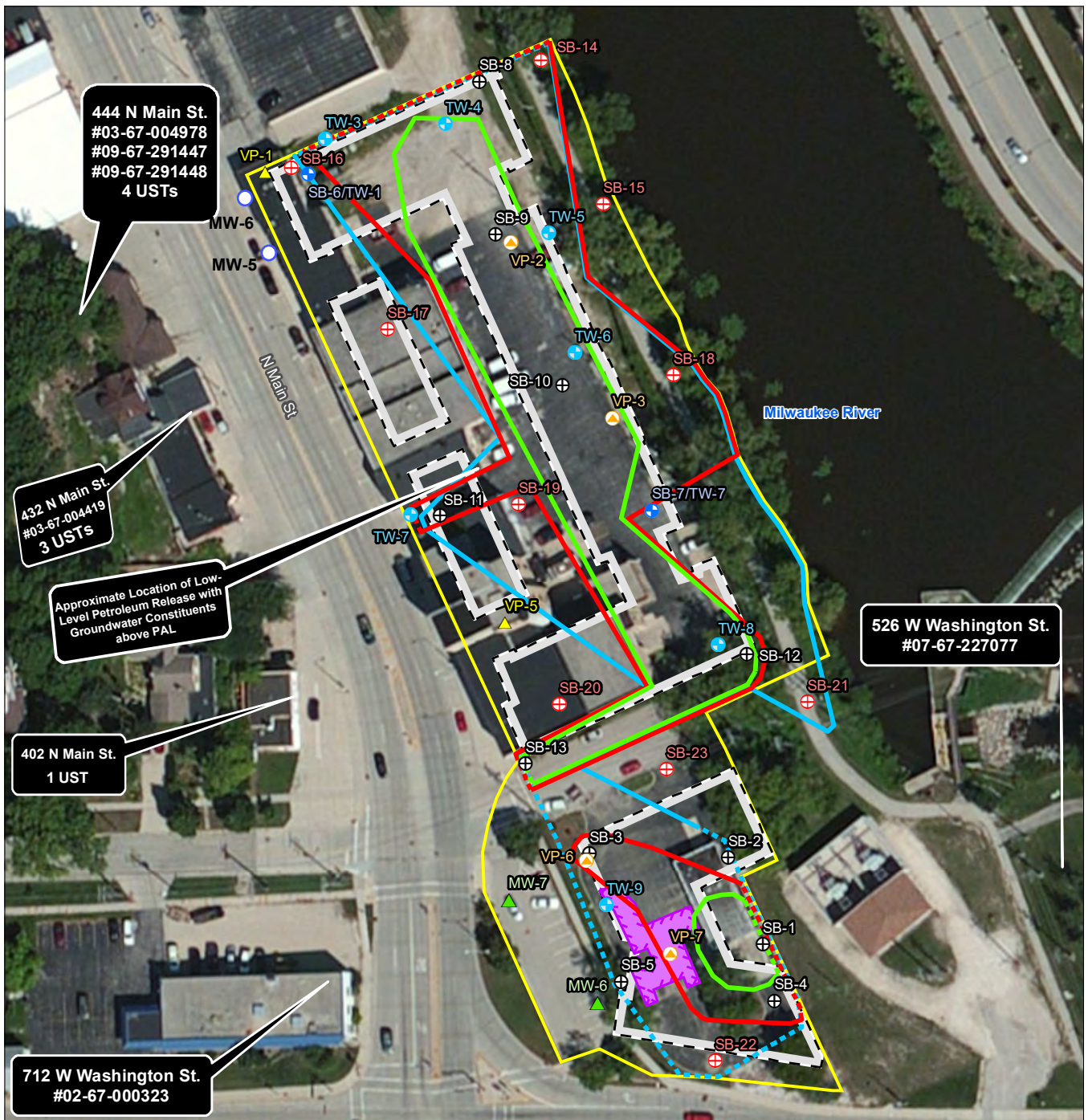
Client/Project
 WB Brewery Building, LLC & City of West Bend Parcels
 West Bend, Wisconsin
 Materials Management Plan

Project Location
 T11N, R19E, S11,
 C. of West Bend,
 Washington Co., WI

193707897
 Prepared by AJS on 2021-03-01
 Technical Review by ENG on 2021-03-05
 Independent Review by RJB on 2021-03-06

0 50 100 Feet
 1:1,200 (at original document size of 8.5x11)

Page 1 of 1



444 N Main St.
 #03-67-004978
 #09-67-291447
 #09-67-291448
 4 USTs

432 N Main St.
 #03-67-004419
 3 USTs

Approximate Location of Low-Level
 Petroleum Release with
 Groundwater Constituents
 above PAL

402 N Main St.
 1 UST

712 W Washington St.
 #02-67-000323

526 W Washington St.
 #07-67-227077



Notes
 1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
 2. Data Sources Include: Stantec, SCO, WDNR, WisDOT
 3. Orthophotography: ESRI World Imagery Clarity

 Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

- Legend**
- Approximate Site Boundary
 - ⊕ Borehole (Stantec, 2020)
 - ⊕ Borehole/Temporary Well (Stantec, 2020)
 - ⊕ Soil Vapor Point (Stantec, 2020)
 - ▲ Sub-Slab Vapor Point (Stantec, 2020)
 - ⊕ Borehole (Stantec, 2019)
 - ⊕ Temporary Well (Stantec, 2019)
 - ▲ Former Wells (1996 Clothes Clinic Investigation)
 - ⊕ Monitoring wells installed as part of BRRTS #03-67-004978 investigation with measured TCE/PCE contamination in 1996 above ch. NR 140 PAL and/or ES
 - NR 700 Non-Industrial Direct Contact Concern
 - - - NR 700 Non-Industrial Direct Contact Concern (Inferred)
 - NR 700 Groundwater Pathway Concern
 - - - NR 700 Groundwater Pathway Concern (Inferred)
 - Soil Management Concern
 - - - Soil Management Concern (Inferred)
 - Approximate Location of Soil Excavation (1990)
 - Approximate Proposed Building Locations

Note:
 BRRTS = Bureau for Remediation and Redevelopment Tracking System
 PCE = tetrachloroethene
 TCE = trichloroethene
 ch. NR 140 = Chapter NR 140
 PAL = preventative action limit
 ES = enforcement standard

Figure No. **2**
 Title: **Sample Location Map**
 Client/Project: WB Brewery Building, LLC & City of West Bend Parcels West Bend, Wisconsin Materials Management Plan
 Project Location: 111N, R19E, S11, C. of West Bend, Washington Co., WI
 Prepared by JM on 2021-01-07
 Technical Review by DGO on 2021-01-11
 Independent Review by EG on 2021-03-05

0 50 100 Feet
 1:1,200 (at original document size of 8.5x11)





- Legend**
- Approximate Site Boundary
 - Approximate Proposed Building Locations
 - Area proposed to be covered by the Site Cover System

Notes

1. Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet
2. Data Sources Include: Stantec, SGO, WDNR, WisDOT
3. Orthophotography: ESRI World Imagery Clarity

Disclaimer: Stantec assumes no responsibility for data supplied in electronic format. The recipient accepts full responsibility for verifying the accuracy and completeness of the data. The recipient releases Stantec, its officers, employees, consultants and agents, from any and all claims arising in any way from the content or provision of the data.

Figure No. **4**
 Title **Proposed Property Cover System**

Client/Project
 WB Brewery Building, LLC & City of West Bend Parcels
 West Bend, Wisconsin
 Materials Management Plan

Project Location
 111N, R19E, S11,
 C. of West Bend,
 Washington Co., WI

193706313
 Prepared by AJS on 2021-03-01
 Technical Review by EG on 2021-03-05
 Independent Review by RJB on 2021-03-06

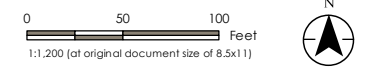


Figure 5: ALTA/NSPS LAND TITLE SURVEY

Known as: 415, 445-447 North Main Street, West Bend, Wisconsin

PARCEL I:
Lots One (1), Two (2), Three (3), Four (4), Five (5), Six (6) and the Twenty-five (25.00) feet immediately East of Lots Five (5) and Six (6), Block Three (3) of WEIL'S ADDITION, in the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, Washington County, Wisconsin.
Excepting therefrom the following described parcel of land: That part of the Southeast One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, Washington County, Wisconsin, bounded and described as follows:
Commencing at the Southwesterly corner of Lot 2, Block 3 of Weil's Addition to the Village (now City) of West Bend; thence Northwesterly along the Westerly line of said Block 3, also being the Easterly R.O.W. line of former North Main Street (U.S.H. "45" and S.T.H. "144"), to the Northwesterly corner of Lot 6 of said Block 3, said point lying on the Southerly line of Franklin Street; thence Southwesterly along said Southerly line of Franklin Street extended 40 feet, measured at right angles to said Westerly line of Block 3 to a point, said point being on the centerline of said former Main Street; thence Southeasterly along said centerline, parallel with and 40 feet distant from said Westerly line of said Block 3 to the point of intersection with the Northerly R.O.W. line of Washington Street (S.T.H. "33" and U.S.H. "45"); thence Easterly along said R.O.W. line to the point of beginning, said point lying 33.00 feet North, measured at right angles from the South line of said Section 11, excepting therefrom that portion previously deeded to the City of West Bend as shown in Volume 556, Page 251, on file in the Office of the Register of Deeds, Washington County, Wisconsin.

Also excepting, part of Lots One (1) and Two (2) in Block Three (3) Weil's Addition, in the City of West Bend, Washington County, Wisconsin, described as beginning at the intersection of the Easterly line of Main Street with the North line of West Washington Street, said North line of West Washington Street being 33.00 feet North of and parallel to the South line of Section 11, in Township 11 North, Range 19 East, thence East 90.00 feet along the North line of West Washington Street, thence Northwesterly 56.81 feet along an arc of circle whose epi center lies to the North a distance of 217.00 feet and whose chord bears North 76°56'65" West; thence North 68°30'43" West; thence Northwesterly 12.00 feet, more or less, along the arc of a circle (whose epi center lies Northeastly 48.00 feet) to the Easterly line of Main Street; thence Southeasterly 39.00 feet along the Easterly line of Main Street to the point of beginning. Further excepting therefrom that portion thereof heretofore conveyed to State of Wisconsin, Department of Transportation by Warranty Deed recorded August 31, 1992 in Volume 1227 of Records, Page 3, as Document No. 810673.

Further excepting therefrom that portion conveyed to the City of West Bend by Warranty Deed recorded on March 27, 2007, as Document No. 1155654.

PARCEL II:
Lots One (1), Two (2), Three (3), Four (4), Five (5), Six (6) and Seven (7), of Block Four (4) in WEIL'S ADDITION, in the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, County of Washington, State of Wisconsin.

ALSO, that part of the Southeast One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, County of Washington, State of Wisconsin, lying in the Rear and East of the above lots being bounded on the East by the Milwaukee River; on the South by Franklin Street in the City of West Bend; on the West by said Block Four (4) and on the North by the North line of said Lot Seven (7) in Block Four (4) aforesaid if the same were extended in a straight line Easterly to the Milwaukee River.

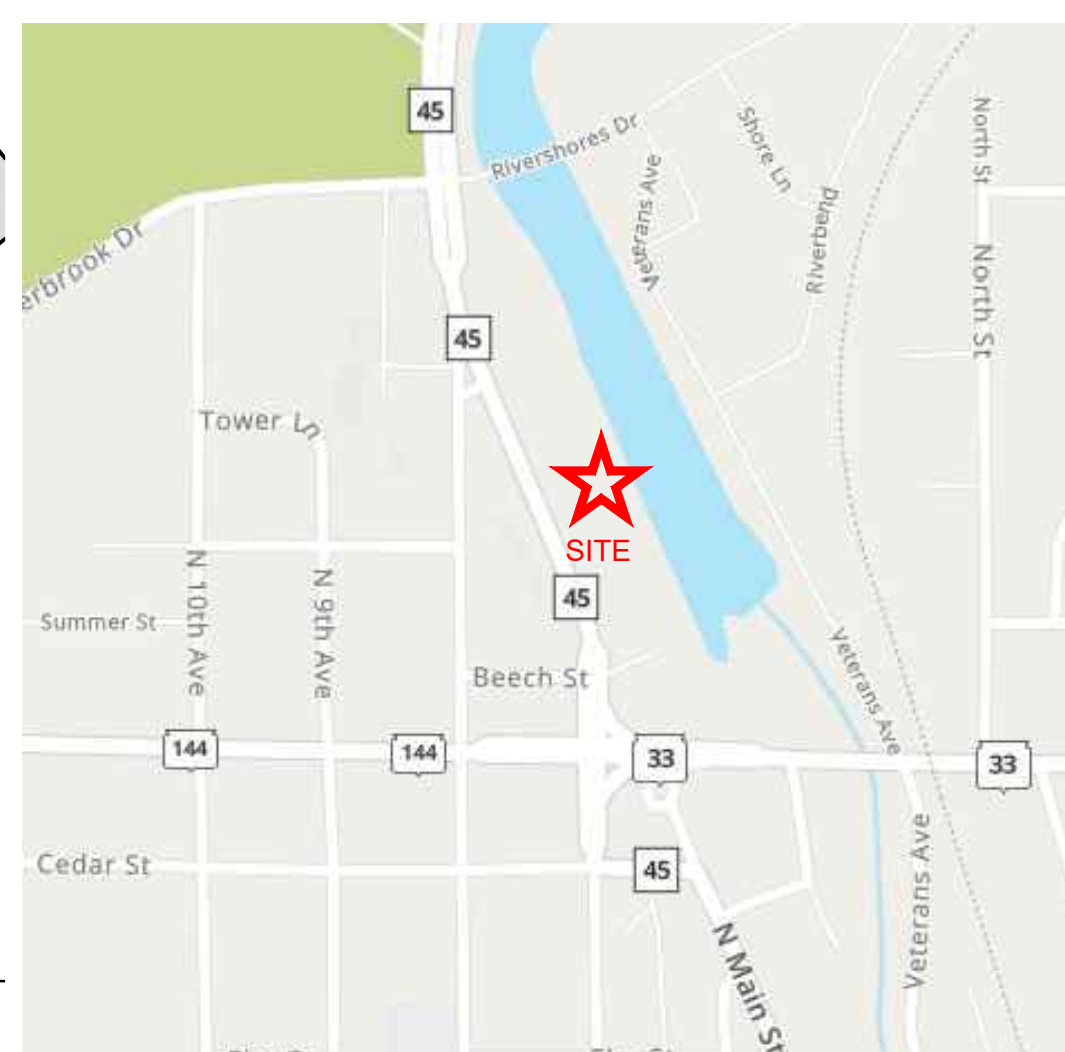
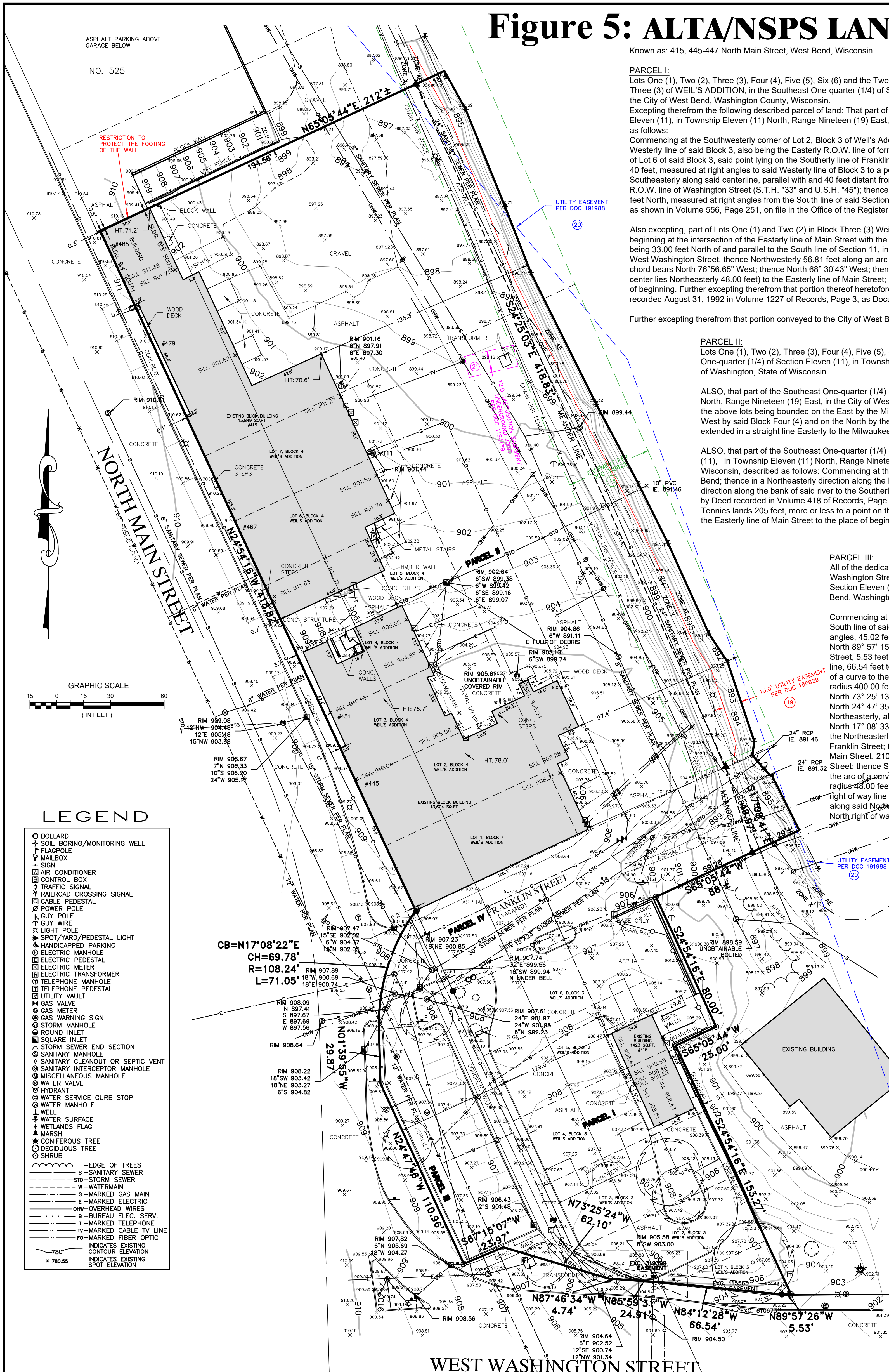
ALSO, that part of the Southeast One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, County of Washington, State of Wisconsin, described as follows: Commencing at the Northwest corner of Lot 7 in Block 4 of Weil's Addition to the City of West Bend; thence in a Northwesterly direction along the Northerly line of said Lot 7 to the Milwaukee River; thence in a Northwesterly direction along the bank of said river to the Southerly line of lands sold to Webster T. Tennies and Inez C. Tennies, his wife, as described by Deed recorded in Volume 418 of Records, Page 7, as Document No. 286805; thence Southwesterly along the Southerly line of said Tennies lands 205 feet, more or less to a point on the Easterly line of Main Street in the City of West Bend; thence Southeasterly along the Easterly line of Main Street to the place of beginning.

PARCEL III:
All of the dedicated right of way for Franklin Street and the portion of Main Street North of West Washington Street in the Southeast One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, Washington County, Wisconsin, which is bounded and described as follows:

Commencing at the Southeast corner of said Section 11; thence North 89°57'15" West, along the South line of said Southeast 1/4, 723.91 feet; thence North 00°02'45" East, at right angles, 45.02 feet to a point in the North right of way line of West Washington Street; thence North 89°57'15" West, at right angles and along said North right of way line of West Washington Street, 5.53 feet; thence North 84°12'17" West, continuing along said North right of way line, 66.54 feet to the point of beginning of lands herein described; thence Westerly, along the arc of a curve to the left 24.91 feet, chord North 85°59'20" West 24.91 feet, curve radius 400.00 feet, delta 03°34'06"; thence North 87°20'46" West, 4.74 feet; thence North 73°25'13" West, 62.10 feet; thence South 67°15'18" West, 23.97 feet; thence North 24°47'35" West, 110.96 feet; thence North 01°39'44" West, 29.87 feet; thence Northeasterly, along the arc of a curve to the right 71.05 feet, chord North 17°08'33" East 69.78 feet, curve radius 108.24 feet, delta 37°36'32" to the intersection of the Northeasterly right of way line of North Main Street and the Northwesterly right of way line of Franklin Street; thence South 24°54'05" East, along said Northeasterly right of way line of North Main Street, 210.50 feet to the intersection with the North right of way line of said West Washington Street; thence Southeasterly, along said North right of way line of West Washington Street, along the arc of a curve to the left 12.93 feet, chord South 62°46'22" East 12.89 feet, curve radius 48.00 feet, delta 15°26'17"; thence South 68°26'59" East, continuing along said North right of way line of West Washington Street, 28.33 feet; thence North 00°02'45" East, continuing along said North right of way line, 0.22 feet; thence South 84°12'17" East, continuing along said North right of way line, 13.51 feet to the point of beginning.

PARCEL IV:
All of Franklin Street as platted in "Weil's Addition to West Bend", being part of the Southeast One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Eleven (11), in Township Eleven (11) North, Range Nineteen (19) East, in the City of West Bend, Washington County, Wisconsin.

Prepared for: HKS HOLDINGS, LLC
Survey No. 168212-KAC



VICINITY MAP - NOT TO SCALE

- A. Basis of Bearings**
Bearings are based on the East line of the North Main Street, which is assumed to bear North 24°54'16" West.
- B. Title Commitment**
This survey was prepared based on Chicago Title Insurance Company title commitment number 2007C0169, effective date of June 29, 2020, which lists the following easements and/or restrictions on schedule B-II:
1-5, 9-13 and 22-24 - NOT SURVEY RELATED.
6-8, and 14-17 - VISIBLE EVIDENCE SHOWN, IF ANY.
18. Easement recorded on January 26, 1971 in Volume 493, Page 20, as Document No. 319622. (Affects Parcel II) - AFFECTS SITE BY LOCATION - SHOWN.
19. Utility Easement recorded on December 18, 1931 in Volume 110, Page 481, as Document No. 150629. (Affects Parcels II and IV) - AFFECTS SITE BY LOCATION - SHOWN.
20. Utility Easement recorded on January 30, 1924 in Volume 151, Page 217, as Document No. 191988. (Affects Parcel III) - AFFECTS SITE BY LOCATION - SHOWN.
21. Distribution Easement Underground Joint recorded on June 11, 2008 as Document No. 1194139. (Affects Parcel II) - AFFECTS SITE BY LOCATION - SHOWN.
- C. Flood Note**
According to flood insurance rate map of the City of West Bend, community panel number 55131C0166D, effective date of November 20, 2013, this site falls in zone X (areas determined to be outside the 0.2% annual chance floodplain) and zone AE (areas determined to be a regulatory floodway).
- D. Parking Spaces**
There are 18 regular and 0 handicapped parking spaces marked on this site.
- E. Elevations**
Elevations refer to NAVD 1929 Datum.
- F. Municipal Zoning**
No zoning report provided.
- G. Notes**
There is no evidence of recent earth moving work, building construction or building additions observed in the process of conducting the fieldwork.
There is no proposed changes in street right of way lines, if such information is made available to the surveyor by the controlling jurisdiction observed in the process of conducting the fieldwork.
There is no evidence of recent street or sidewalk construction or repairs observed in the process of conducting the fieldwork.
There is no evidence of wetland flags on the site observed in the process of conducting the fieldwork.

To: MKE Acquisitions, LLC, a Wisconsin limited liability company; WB Brewery Building, LLC; a Wisconsin limited liability company; and City of West Bend; HKS Holdings, LLC; and Chicago Title Insurance Company

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS and includes items 1, 2, 3, 4, 5, 6(a), 6(b), 7(a), 7(b)(1), 7(c), 8, 9, 11, 13, 14, 16, 17, 18, and 19 of Table A thereof. The fieldwork was completed on August 4, 2020.

Date of Plat or Map: August 7, 2020
Drafting Revision: August 11, 2020

Eric R. Sturm
Professional Land Surveyor
Registration Number 2309
eric.sturm@rasmith.com

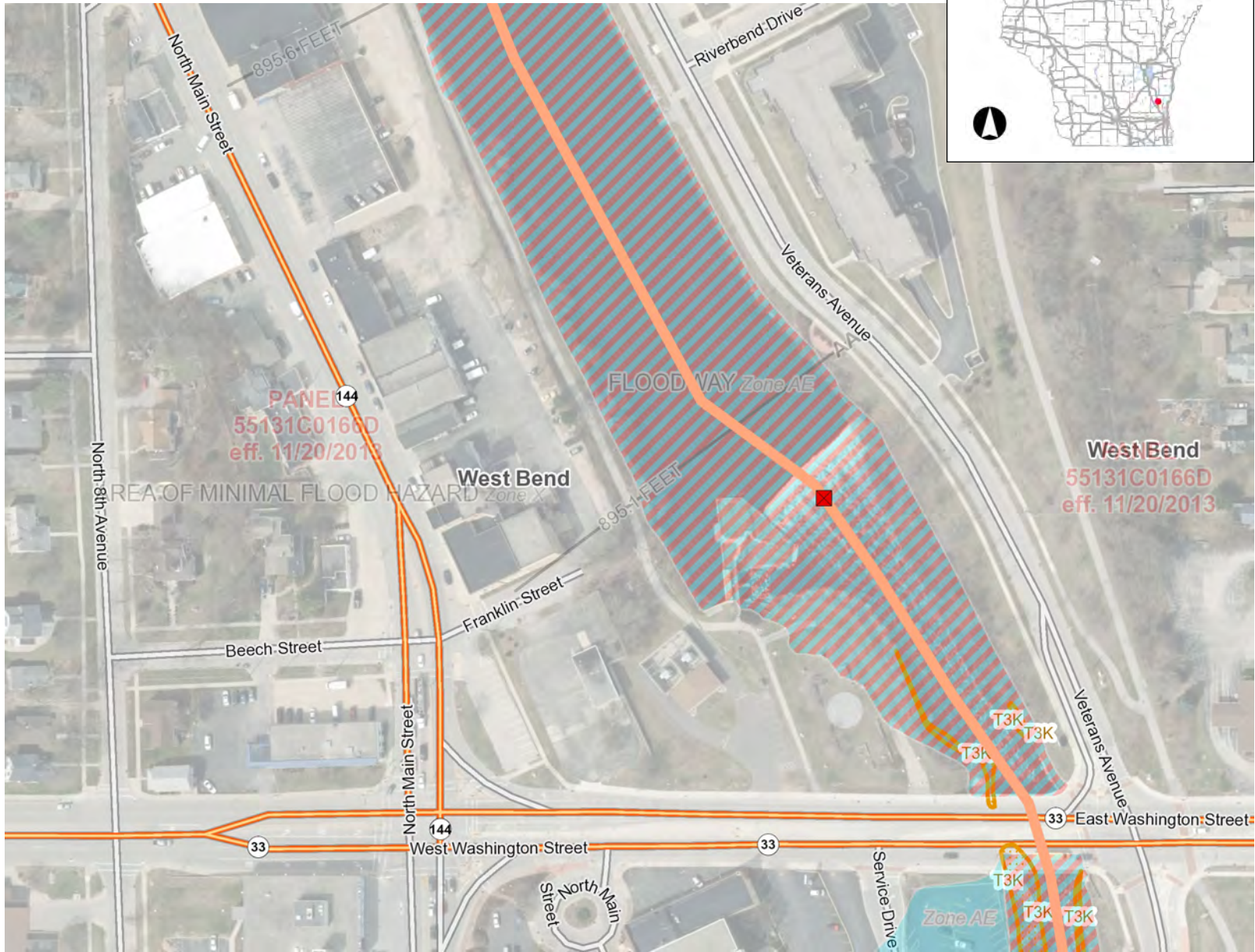
DIGGERS HOTLINE TICKET NO. 20203007061, 20203007143, 20203007305, 20203007372

THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
(P) INDICATES PIPE SIZES PER RECORD PLANS. OTHER PIPE SIZES ARE ESTIMATED. NO PIPE SIZES SHOULD BE RELIED UPON WITHOUT FURTHER VERIFICATION.

raSmith
CREATIVITY BEYOND ENGINEERING
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000
rasmith.com



Figure 6: Surface Water Data Viewer Map



- ### Legend
- Dams**
 - Dams with FERC License
 - Dams
 - Record Flood Levels**
 - Analysis Lines**
 - Other
 - Flood Insurance Study
 - Letter of Map Revision
 - Case By Case Analysis
 - Bridge
 - Analysis Points**
 - Other
 - Flood Insurance Study
 - Letter of Map Revision
 - Case By Case Analysis
 - Bridge
 - Analysis Catchments**
 - Floodplain Storage
 - FERC Project Area Boundaries
 - Cross Sections
 - Floodplains**
 - Flood Fringe
 - Floodway
 - FIRM Panels
 - Cross-Sections
 - Flood Hazard Boundaries**
 - Other Boundaries
 - Limit Lines
 - SFHA / Flood Zone Boundary
 - Flood Hazard Zones**
 - 1% Annual Chance Flood Hazard
 - Regulatory Floodway
 - Special Floodway

Notes

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made regarding accuracy, applicability for a particular use, completeness, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: <http://dnr.wi.gov/legal/>



NAD_1983_HARN_Wisconsin_TM

1: 1,980

Figure No.

7a

Title

Geologic Cross Section A-A'

Client/Project
WB Brewery Building, LLC & City of West Bend Parcels
415 & 445-485 N. Main Street, West Bend, Wisconsin
Materials Management Plan

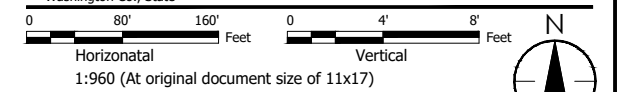
Project Location
T11N, R19E, S11
C. of West Bend
Washington Co., State

193707879

Prepared by AJR on 2021-01-15 Technical

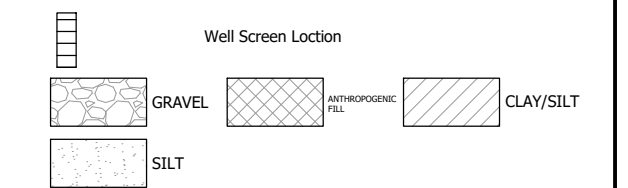
Review by EG on 2021-03-05

Independent Review by RJB on 2021-03-06



Legend

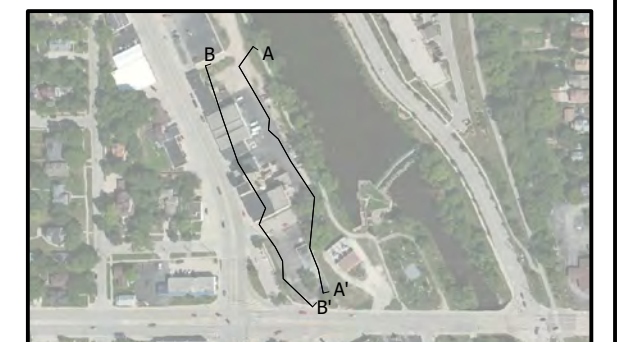
MW-XX Well Name
SB-XX Soil Boring Name
VP-XX Soil Vapor Point Name
(XXX.XX) Surface Elevation



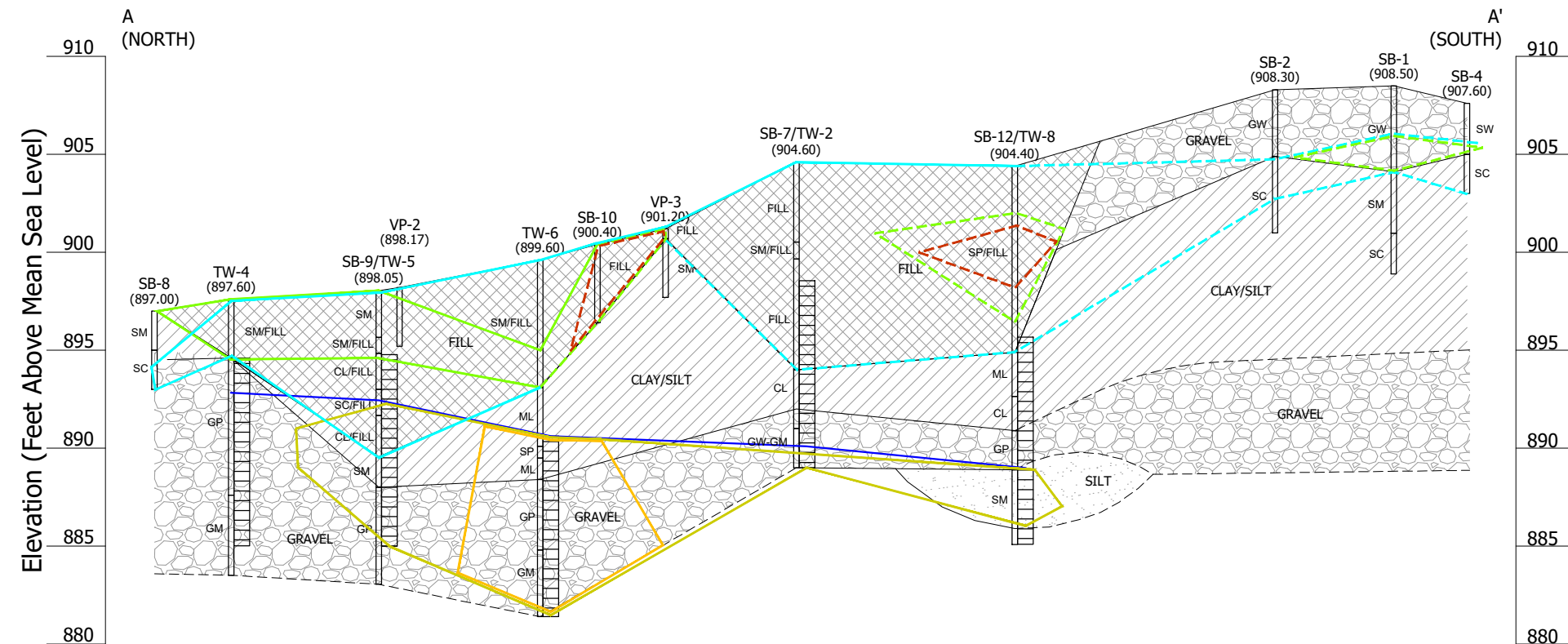
- Depth to Water Measurement in November 2020
- Boundaries are Inferred
- Metals, PAHs, and/or VOCs exceeding the NR 720 WAC groundwater pathway RCLs
- Metals and/or PAHs above the NR 720 WAC non-industrial direct contact RCL
- Metals above the NR 720 WAC industrial direct contact RCL
- Dissolved metals (arsenic) above NR 140 WAC PAL
- CVOCs above the NR 140 WAC PAL

Note: All elevations are referenced to a benchmark datum located on the rim of a storm manhole on the northwest portion of the City of West Bend Parking Lot property. Rim of the manhole = 907.89 ft amsl

CVOCs = Chlorinated VOCs
ft amsl = Feet Above Mean Sea Level
RCLs = Residual Containment Levels
PAHs = Polycyclic Aromatic Hydrocarbons
PAL = Preventative Action Limits
VOCs = Volatile Organic Compounds
WAC = Wisconsin Administrative Code



- Notes
- Coordinates System: NAD 1983 State Plane Wisconsin Central FIPS 4802 Feet
 - Data Sources Include: Stantec, WDOT, WDNR
 - Orthophotography: ESRI



Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.



Figure No.

7b

Title

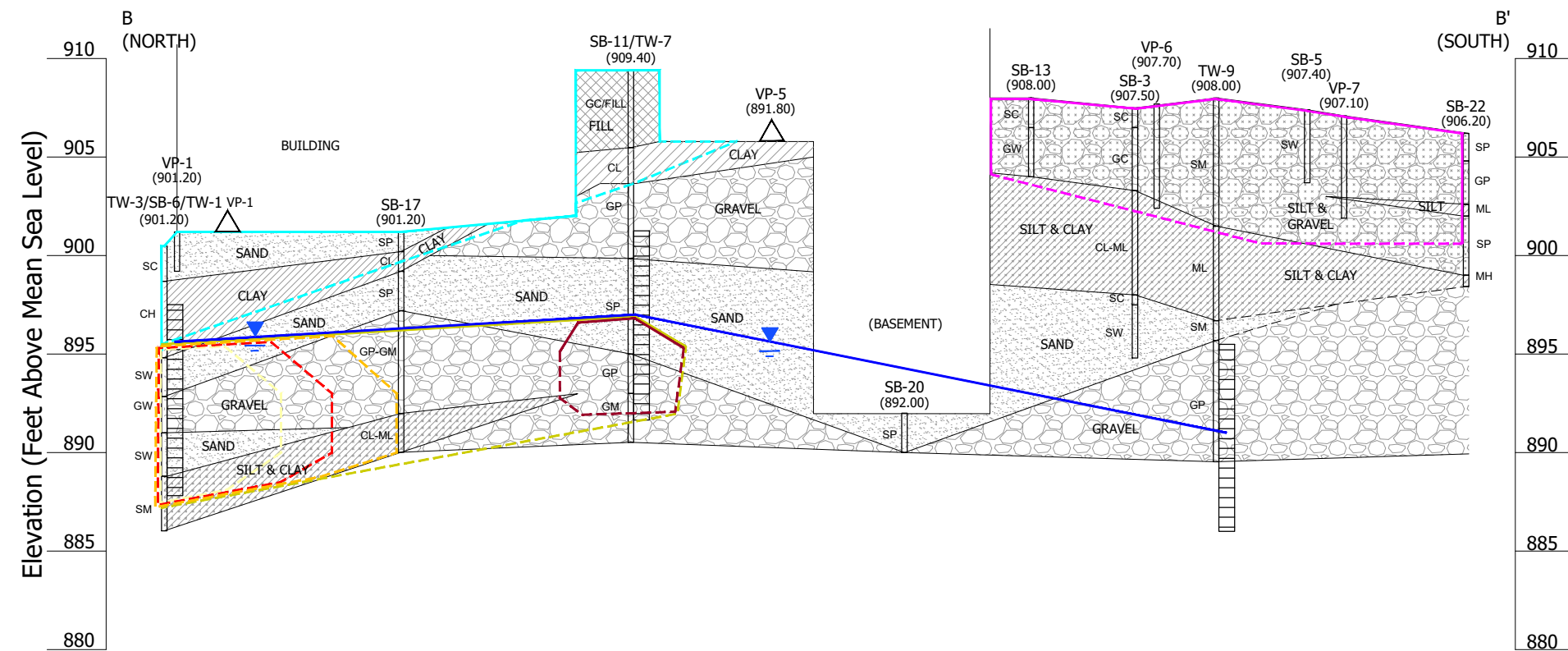
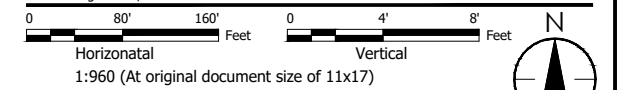
Geologic Cross Section B-B'

Client/Project

WB Brewery Building, LLC City of West Bend Parcels
415 & 445-485 N. Main Street, West Bend, Wisconsin
Materials Management Plan

Project Location
T11N, R19E, S11
C. of West Bend
Washington Co., State

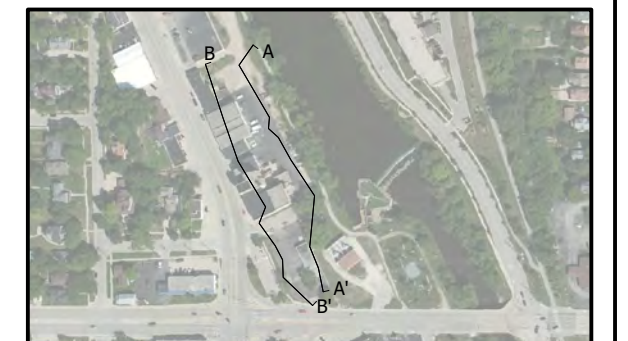
193707879
Prepared by AJR on 2021-01-15
Technical Review by EG on 2021-03-05
Independent Review by RJB on 2021-03-06



Legend

- | | |
|----------|---------------------------|
| MW-XX | Well Name |
| SB-XX | Soil Boring Name |
| VP-XX | Soil Vapor Point Name |
| (XXX.XX) | Surface Elevation |
| | Sub-Slab Soil Vapor Point |
| | Well Screen Location |
| | GRAVEL |
| | SILT |
| | SAND & GRAVEL |
| | ANTHROPOGENIC FILL |
| | CLAY |
| | SAND |
| | SILT/CLAY |
- Metals, PAHs, and/or VOCs exceeding the NR 720 WAC groundwater pathway RCLs
 - Metals and/or PAHs above the NR 720 WAC non-industrial direct contact RCL
 - Dissolved metals above NR 140 WAC PAL
 - CVOCs above the NR 140 WAC PAL
 - CVOCs above the NR 140 WAC ES
 - PVOCs above the NR 140 WAC PAL
 - PVOCs above the NR 140 WAC ES
 - Boundaries are Inferred
 - Groundwater table (11/19/2020)

Note: All elevations are referenced to a benchmark datum located on the rim of a storm manhole on the northwest portion of the City of West Bend Parking Lot property. Rim of the manhole = 907.89 ft amsl



- Coordinates System: NAD 1983 State Plane Wisconsin Central FIPS 4803 Feet
- Data Sources Include: Stantec, WDOT, WDNR
- Orthophotography: ESRI

CVOCs = Chlorinated VOCs
 ES = Enforcement Standard
 ft amsl = Feet Above Mean Sea Level
 RCLs = Residual Containment Levels
 PAHs = Polycyclic Aromatic Hydrocarbons
 PAL = Preventative Action Limits
 PVOCs = Petroleum Volatile Organic Compound
 VOCs = Volatile Organic Compounds
 WAC = Wisconsin Administrative Code

Source: Esri, DigitalGlobe, GeoEye, i-cubed, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.



TABLES

Table 1 - Soil Summary Laboratory Detection Results
 WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, Wisconsin

| Sample Location Sample Date Sample ID Sample Depth Ground Surface Cover PID Reading (IUI) Sample Type and USCS Classification | Units | TW-5 | | TW-6 | | TW-7 | | TW-8 | Trip Blank | SB-1 | | SB-2 | | SB-3 | | SB-4 | SB-5 | SB-6 / TW-1 | | |
|--|-------|---------------------------|--------------------------|-----------------------|-------------------------------|-------------------------------|---------|-----------------------|---------------|--------------------|----------|----------|------------|----------|-----------|------------|-----------------|-----------------|-----------|----------|
| | | 11/18/2020 | | 11/18/2020 | | 11/18/2020 | | 11/18/2020 | 11/16-18/2020 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 |
| | | TW-5 2-3 | TW-5 3-4 | TW-6 2-4 | TW-6 4.5-6 | TW-7 2-4 | TW-7 4 | TW-7 4-6 | TW-8 4-6 | Trip-MEOH | SB-1 2-4 | SB-1 6-8 | SB-2 0.5-3 | SB-2 3-4 | SB-3 1-3 | SB-3 5-6 | SB-4 2-4 | SB-5 2-4 | SB-6 5-6 | SB-6 5-6 |
| Ground Surface Cover | Grass | | Asphalt | | Asphalt | | Asphalt | Asphalt | N/A | Grass / Topsoil | | Concrete | | Asphalt | | Asphalt | Grass / Topsoil | Grass / Topsoil | | |
| PID Reading (IUI) | 2.2 | 0.3 | 0.7 | 0.5 | 1.3 | 1.3 | 0.6 | 1.5 | N/A | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Sample Type and USCS Classification | SM | Fill (glass/coal/slag) | Fill (glass) | Fill (coal) | GC / Fill (non-anthropogenic) | GC / Fill (non-anthropogenic) | CL | Fill (coal/slag) / SP | N/A | Fill, Black Flecks | Fill | GW | SC | SC | PT | SC | SW | CH | CH | |
| RCRA Metals (EPA Method 6010B & 7471A) | | | | | | | | | | | | | | | | | | | | |
| Arsenic | mg/kg | 0.677 [8] | 3.0 [8] | 0.584 [8] | - | 7.1 | - | 6.2 | - | 2.6 | - | 2.5 | - | 5.0 | 5.8 | 1.1 | 5.1 | 4.8 | 4.8 | |
| Barium | mg/kg | 15,300 [364] | 100,000 [364] | 164.8 [364] | - | 240 | - | 81 | - | 30 | - | 37 | - | 87 | 130 | 11 | 44 | 53 | 53 | |
| Cadmium | mg/kg | 71.1 [11] | 985 [11] | 0.752 [11] | - | 1.4 | - | 0.79 | - | - | - | - | - | - | - | - | - | - | - | |
| Chromium | mg/kg | 100,000, 0.301 Cr VI [44] | 100,000, 6.36 Cr VI [44] | 360,000 (if no Cr VI) | - | 11 | - | 24 | - | 0.20 B | - | 0.23 J B | - | 0.36 B | 0.44 F1 B | 0.15 J B | 0.072 J B | 0.097 J B | 0.097 J B | |
| Lead | mg/kg | 400 [52] | 800 [52] | 27 [52] | - | 240 | - | 11 | - | 7.6 | - | 8.4 | - | 11 | 15 | 4.8 | 20 | 20 | 20 | |
| Selenium | mg/kg | 391 | 5,840 | 0.52 | - | <0.65 | - | 1.1 J | - | 22 | - | 41 | - | 93 | 300 F2 | 2.7 | 8.0 | 7.8 | 7.8 | |
| Silver | mg/kg | 391 | 5,840 | 0.8491 | - | <0.14 | - | <0.16 | - | <0.58 | - | <0.58 | - | <0.58 | 1.2 F1 | <0.58 | <0.58 | <0.58 | <0.6 | |
| Mercury | mg/kg | 3.13 | 3.13 | 0.208 | - | <0.14 | - | <0.15 | - | 1.3 | - | 1.5 | - | 2.1 | 2.8 | 0.98 | 4.1 | 4.0 | 4.0 | |
| | mg/kg | | | | - | 0.19 | - | 0.11 | - | 0.045 | - | 0.051 | - | 0.14 | 0.40 | | 0.024 | 0.020 | 0.020 | |
| Polycyclic Aromatic Hydrocarbons (EPA Method 8270D) | | | | | | | | | | | | | | | | | | | | |
| 1-Methylnaphthalene | mg/kg | 17.6 | 72.7 | n/v | - | 0.071 J | - | 1.2 | - | 0.54 | - | 0.017 J | - | 0.049 J | 0.014 J | <0.009 | <0.009 | <0.009 | <0.009 | |
| 2-Methylnaphthalene | mg/kg | 239 | 3,010 | n/v | - | 0.087 | - | 1.4 | - | 0.72 | - | 0.015 J | - | 0.05 J | 0.016 J | <0.0068 | <0.0068 | <0.0068 | <0.007 | |
| Acenaphthene | mg/kg | 3,590 | 45,200 | n/v | - | 0.0077 J | - | 0.047 | - | 0.044 | - | 0.099 | - | 0.016 J | <0.0067 | <0.0066 | <0.0066 | <0.007 | <0.007 | |
| Acenaphthylene | mg/kg | n/v | n/v | n/v | - | 0.016 J | - | 0.041 | - | 0.064 | - | <0.0046 | - | 0.015 J | 0.015 J | <0.0046 | <0.0046 | <0.005 | <0.005 | |
| Anthracene | mg/kg | 17,900 | 100,000 | 196.94 | - | 0.025 J | - | 0.14 | - | 0.13 | - | 0.25 | - | 0.053 | 0.021 J | <0.0061 | <0.0061 | <0.0061 | <0.006 | |
| Benzo(a)anthracene | mg/kg | 1.14 | 20.8 | n/v | - | 0.094 | - | 0.38 | - | 0.54 | - | 1.10 | - | 0.029 J | 0.25 | 0.087 | <0.0049 | <0.0049 | <0.005 | |
| Benzo(a)pyrene | mg/kg | 0.115 | 0.470 | 0.27 | - | 0.16 ** | - | 0.46 ** | - | 0.78 | - | 1.0 | - | 0.045 | 0.27 | 0.12 | 0.0088 J | 0.011 J | 0.012 J | |
| Benzo(b)fluoranthene | mg/kg | 1.15 | 21.1 | 0.478 | - | 0.25 | - | 0.63 | - | 1 | - | 1.10 | - | 0.049 | 0.41 | 0.15 | 0.01 J | 0.013 J | 0.013 J | |
| Benzo(g,h,i)perylene | mg/kg | n/v | n/v | n/v | - | 0.12 | - | 0.6 | - | 0.39 | - | 0.45 | - | 0.018 | 0.088 | 0.055 F1 | <0.012 | <0.012 | <0.013 | |
| Benzo(k)fluoranthene | mg/kg | 11.5 | 211 | n/v | - | 0.081 | - | 0.22 | - | 0.35 | - | 0.49 | - | 0.022 | 0.12 | 0.070 F1 | <0.011 | <0.011 | <0.012 | |
| Chrysene | mg/kg | 115 | 2,110 | 0.144 | - | 0.12 | - | 0.47 | - | 0.6 | - | 1.10 | - | 0.035 | 0.32 | 0.10 | <0.010 | <0.010 | <0.011 | |
| Dibenz(a,h)anthracene | mg/kg | 0.115 | 2.11 | n/v | - | 0.035 J | - | 0.063 | - | 0.075 | - | 0.140 | - | 0.012 | 0.027 | 0.018 J F1 | <0.0071 | <0.0071 | <0.007 | |
| Fluoranthene | mg/kg | 2,390 | 30,100 | 88.877 | - | 0.17 | - | 0.54 | - | 0.91 | - | 1.70 | - | 0.053 | 0.15 | <0.0068 | <0.0068 | <0.007 | <0.007 | |
| Fluorene | mg/kg | 2,390 | 30,100 | 14.829 | - | 0.0079 J | - | 0.053 | - | 0.048 | - | 0.076 | - | <0.0019 | 0.014 | <0.0052 | <0.0052 | <0.0052 | <0.005 | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 1.15 | 21.1 | n/v | - | 0.09 | - | 0.17 | - | 0.24 | - | 0.42 | - | 0.026 | 0.087 | 0.065 F1 | <0.0095 | 0.011 J | 0.011 J | |
| Naphthalene | mg/kg | 5.52 | 24.1 | 0.6582 | - | 0.058 | - | 0.91 | - | 0.53 | - | <0.0054 | - | <0.0054 | 0.034 | 0.011 J | <0.0057 | <0.0057 | <0.006 | |
| Phenanthrene | mg/kg | n/v | n/v | n/v | - | 0.13 | - | 0.98 | - | 0.66 | - | 0.98 | - | 0.028 | 0.25 | 0.078 | <0.0051 | <0.0051 | <0.005 | |
| Pyrene | mg/kg | 1,790 | 22,600 | 54.546 | - | 0.23 | - | 0.82 | - | 1.3 | - | 1.60 | - | 0.054 | 0.47 | 0.17 | <0.0073 | <0.0073 | <0.008 | |
| Volatile Organic Compounds (EPA Method 8260B) | | | | | | | | | | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | mg/kg | 219 | 219 | 1.3787 | - | <0.021 | - | 0.64 | - | <0.024 | - | <0.024 | - | <0.025 | - | <0.025 | - | <0.024 | <0.024 | |
| 1,3,5-Trimethylbenzene | mg/kg | 219 | 219 | 1.3787 | - | <0.022 | - | 0.15 | - | <0.026 | - | <0.026 | - | <0.026 | - | <0.026 | - | <0.026 | <0.026 | |
| Benzene | mg/kg | 1.6 | 7.07 | 0.0051 | - | <0.0085 | - | 0.13 | - | <0.0099 | - | <0.0097 | - | <0.010 | - | <0.010 | - | <0.010 | <0.010 | |
| Ethylbenzene | mg/kg | 8.02 | 35.4 | 1.57 | - | <0.011 | - | 0.21 | - | <0.012 | - | <0.012 | - | <0.013 | - | <0.013 | - | <0.013 | <0.013 | |
| Isopropylbenzene | mg/kg | n/v | n/v | n/v | - | <0.022 | - | 0.16 | - | <0.026 | - | <0.027 | - | <0.027 | - | <0.027 | - | <0.027 | <0.027 | |
| Methylene Chloride | mg/kg | 61.8 | 1,150 | 0.0026 | - | <0.095 | - | <0.14 | - | <0.11 | - | 0.14 J B | - | 0.15 J B | - | 0.15 J B | - | 0.15 J B | 0.15 J B | |
| Naphthalene | mg/kg | 5.52 | 24.1 | 0.6582 | - | <0.02 | - | 0.81 | - | <0.017 | - | <0.022 | - | <0.023 | - | <0.023 | - | <0.023 | <0.023 | |
| n-Butylbenzene | mg/kg | 108 | 108 | n/v | - | <0.023 | - | 0.081 J | - | <0.026 | - | <0.027 | - | <0.027 | - | <0.027 | - | <0.027 | <0.027 | |
| N-Propylbenzene | mg/kg | 264 | 264 | n/v | - | <0.024 | - | 0.17 | - | <0.028 | - | <0.029 | - | <0.029 | - | <0.029 | - | <0.029 | <0.029 | |
| p-Isopropyltoluene | mg/kg | 162 | 162 | n/v | - | <0.021 | - | 0.052 J | - | <0.025 | - | <0.024 | - | <0.025 | - | <0.025 | - | <0.025 | <0.025 | |
| sec-Butylbenzene | mg/kg | 145 | 145 | n/v | - | <0.023 | - | 0.062 J | - | <0.027 | - | <0.027 | - | <0.027 | - | <0.027 | - | <0.027 | <0.027 | |
| Tetrachloroethene | mg/kg | 33 | 145 | 0.0045 | - | <0.022 | - | 0.24 | - | <0.025 | - | <0.026 | - | <0.026 | - | <0.026 | - | <0.026 | <0.026 | |
| Toluene | mg/kg | 818 | 818 | 1.1072 | - | 0.11 J | - | 0.87 | - | <0.011 J | - | <0.0098 | - | <0.010 | - | <0.0098 | - | <0.010 | <0.0098 | |
| Xylenes, Total | mg/kg | 260 | 260 | 3.96 | - | 0.017 J | - | 1.8 | - | <0.011 | - | <0.015 | - | <0.015 | - | <0.015 | - | <0.015 | <0.015 | |

Notes: Wisconsin Department of Natural Resources (WDNR) soil residual contaminant level (RCL) Summary table (December 2018) used to establish RCLs for GW protection and direct contact.

-- = not analyzed

<x = compound not detected to a detection limit of x

DC-NI = WDNR Non-Industrial RCL for direct contact risk

DC-I = WDNR Industrial RCL for direct contact risk

GW RCL = WDNR RCL for protection of groundwater

n/v = no value established by WAC (Wis. Adm. Code) or WDNR Soil RCL Summary Table

IUI = instrument units as isobutylene

mg/kg = milligrams per kilogram

ft = feet

MS and/or MSD = matrix spike and/or matrix spike duplicate

RPD = relative percent difference

J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits.

F2 = MS/MSD relative percent difference (RPD) exceeds control limit

V = Serial Dilution exceeds the control limits

(xx) = Respective background threshold value (BTV)

xx = Exceeds BTV

** = Exceeds DC-NI, but NOI the GW RCL

Exceeds WDNR RCL for DC-NI

Exceeds WDNR RCL for DC-NI but NOI the BTV

Exceeds WDNR RCL for DC-I

Exceeds WDNR RCL for DC-I but NOI the BTV

Exceeds WDNR GW RCL

Exceeds WDNR GW RCL but NOI the BTV

September '19 data from the Former West Bend Brewing Property Phase II Environmental Site Assessment conducted by Stantec using United States Environmental Protection Agency (EPA) Brownfield Assessment Grant funds (EPA Brownfield Cooperative Agreement No. BF-00E1349-0).

Table 1 - Soil Summary Laboratory Detection Results
 WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, Wisconsin

| Sample Location | SB-7 / TW-2 | | | | | | | | | | | | SB-8 | | SB-9 | SB-10 | SB-11 | SB-12 | SB-13 | Trip Blank |
|--|--------------|---------------------------|--------------------------|-----------------------|------------------|----------|-----------|----------|---------------------|---------------------|------------|-----------------------------|-----------------|---------|---------|---------|---------|-----------------|-----------------|------------|
| | 9/13/19 | | 9/13/19 | | 9/13/19 | | 9/13/19 | | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | 9/13/19 | | | | | |
| Sample ID | SB-7 0.5-1.5 | | SB-7 13.5-14.5 | | SB-8 2-3 | | SB-8 3-4 | | SB-9 1-3 | SB-10 2-4 | SB-11 2-4 | SB-12 3-4 | SB-13 2-4 | TB-01 | | | | | | |
| Sample Depth | 0.5 - 1.5 ft | | 13.5 - 14.5 ft | | 2 - 3 ft | | 3 - 4 ft | | 1 - 3 ft | 2 - 4 ft | 2 - 4 ft | 3 - 4 ft | 2 - 4 ft | N/A | | | | | | |
| Ground Surface Cover | Asphalt | | | | | | | | | | | | Grass / Topsoil | | Asphalt | Asphalt | Asphalt | Grass / Topsoil | Grass / Topsoil | N/A |
| PID Reading (iui) | 0.0 | | | | | | | | | | | | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | N/A |
| Sample Type and USCS Classification | Units | Wisconsin DC- NI RCL | Wisconsin DC- I RCL | Wisconsin GW RCL | Fill, Coal / Ash | GW | Fill | SC | Fill, Coal/ Cinders | Fill, Cinders/ Slag | SC | Fill, Black/Metallic Pieces | GW | N/A | | | | | | |
| RCRA Metals (EPA Method 6010B & 7471A) | | | | | | | | | | | | | | | | | | | | |
| Arsenic | mg/kg | 0.677 [8] | 3.0 [8] | 0.584 [8] | 5.4 | -- | -- | 3.9 | 12 | 9.2 | 2.3 | 9.9 | 3.5 | -- | | | | | | |
| Barium | mg/kg | 15,300 [364] | 100,000 [364] | 164.8 [364] | 71 | -- | -- | 65 | 94 | 110 | 77 | 130 | 43 | -- | | | | | | |
| Cadmium | mg/kg | 71.1 [11] | 985 [11] | 0.752 [11] | 0.23 B | -- | -- | 0.30 B | 0.54 B | 0.58 J B | 0.19 J B | 0.35 B | 0.16 J B | -- | | | | | | |
| Chromium | mg/kg | 100,000, 0.301 Cr VI [44] | 100,000, 6.36 Cr VI [44] | 360,000 (if no Cr VI) | 7.8 | -- | -- | 13 | 14 | 10 | 9.1 | 8.4 | 9.7 | -- | | | | | | |
| Lead | mg/kg | 400 [52] | 800 [52] | 27 [52] | 18 | -- | -- | 61 | 56 | 89 | 190 | 51 | 21 | -- | | | | | | |
| Selenium | mg/kg | 391 | 5,840 | 0.52 | <0.58 | -- | -- | <0.58 | 1.2 | <0.58 | <0.58 | 1.3 | 0.68 J | -- | | | | | | |
| Silver | mg/kg | 391 | 5,840 | 0.8491 | 1.7 | -- | -- | 2.2 | 2.0 | 2.1 J | 1.6 | 2.2 | 2.2 | -- | | | | | | |
| Mercury | mg/kg | 3.13 | 3.13 | 0.208 | 0.023 | -- | -- | 0.050 | 0.063 | 0.06 | 0.043 | 0.23 | 0.046 | -- | | | | | | |
| Polycyclic Aromatic Hydrocarbons (EPA Method 8270D) | | | | | | | | | | | | | | | | | | | | |
| 1-Methylnaphthalene | mg/kg | 17.6 | 72.7 | n/v | 0.24 | -- | -- | 0.032 | 0.45 | 1.6 | 0.018 J | 0.27 | 0.084 | -- | | | | | | |
| 2-Methylnaphthalene | mg/kg | 239 | 3,010 | n/v | 0.32 | -- | -- | 0.046 | 0.59 | 2.2 | 0.019 J | 0.32 | 0.11 | -- | | | | | | |
| Acenaphthene | mg/kg | 3,590 | 45,200 | n/v | 0.0083 J | -- | -- | <0.0066 | <0.0066 | 0.18 | 0.0084 J | <0.0066 | 0.40 | -- | | | | | | |
| Acenaphthylene | mg/kg | n/v | n/v | n/v | <0.0046 | -- | -- | <0.0046 | <0.0046 | <0.0046 | 0.0099 J | 0.043 | 0.021 J | -- | | | | | | |
| Anthracene | mg/kg | 17,900 | 100,000 | 196.94 | 0.017 J | -- | -- | 0.023 | 0.13 J | 0.37 | 0.020 | 0.093 | 0.59 | -- | | | | | | |
| Benzo(a)anthracene | mg/kg | 1.14 | 20.8 | n/v | 0.07 | -- | -- | 0.075 | 0.29 | 0.92 | 0.1 | 0.31 | 1.0 | -- | | | | | | |
| Benzo(a)pyrene | mg/kg | 0.115 | 2.11 | 0.470 | 0.084 | -- | -- | 0.11 | 0.41 | 0.88 | 0.11 | 0.28 | 0.99 | -- | | | | | | |
| Benzo(b)fluoranthene | mg/kg | 1.15 | 21.1 | 0.478 | 0.13 | -- | -- | 0.15 | 0.43 | 1.3 | 0.16 | 0.58 | 1.4 | -- | | | | | | |
| Benzo(g,h,i)perylene | mg/kg | n/v | n/v | n/v | 0.039 | -- | -- | <0.012 | 0.11 J | 0.24 | 0.032 J F1 | 0.10 | 0.37 | -- | | | | | | |
| Benzo(k)fluoranthene | mg/kg | 11.5 | 211 | n/v | 0.044 | -- | -- | 0.062 | 0.26 | 0.47 | 0.046 | 0.13 | 0.46 | -- | | | | | | |
| Chrysene | mg/kg | 115 | 2,110 | 0.144 | 0.084 | -- | -- | 0.079 | 0.3 | 0.85 | 0.1 | 0.37 | 1.10 | -- | | | | | | |
| Dibenz(a,h)anthracene | mg/kg | 0.115 | 2.11 | n/v | 0.021 | -- | -- | <0.0071 | 0.082 J | 0.15 | <0.0071 | 0.024 J | 0.11 | -- | | | | | | |
| Fluoranthene | mg/kg | 2,390 | 30,100 | 88.877 | 0.084 | -- | -- | 0.17 | 0.52 | 1.9 | 0.14 | 0.67 | 3.70 | -- | | | | | | |
| Fluorene | mg/kg | 2,390 | 30,100 | 14.829 | 0.0083 J | -- | -- | 0.0063 J | 0.029 J | 0.16 | <0.0052 | 0.036 | 0.32 | -- | | | | | | |
| Indeno(1,2,3-cd)pyrene | mg/kg | 1.15 | 21.1 | n/v | 0.054 | -- | -- | 0.06 | 0.24 | 0.38 | 0.036 J F1 | 0.11 | 0.31 | -- | | | | | | |
| Naphthalene | mg/kg | 5.52 | 24.1 | 0.6582 | 0.18 | -- | -- | 0.026 J | 0.34 | 1.3 | 0.015 J | 0.21 | 0.23 | -- | | | | | | |
| Phenanthrene | mg/kg | n/v | n/v | n/v | 0.23 | -- | -- | 0.089 | 0.58 | 2.3 | 0.058 | 0.56 | 3.80 | -- | | | | | | |
| Pyrene | mg/kg | 1,790 | 22,600 | 54.546 | 0.073 | -- | -- | 0.12 | 0.42 | 1.5 | 0.13 | 0.66 | 3.00 | -- | | | | | | |
| Volatile Organic Compounds (EPA Method 8260B) | | | | | | | | | | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | mg/kg | 219 | 219 | 1.3787 | -- | <0.024 | <0.025 | -- | 0.31 | 1.1 | 0.058 J | 0.082 | <0.024 | <0.018 | | | | | | |
| 1,3,5-Trimethylbenzene | mg/kg | 219 | 219 | 1.3787 | -- | <0.024 | <0.026 | -- | 0.078 | 0.25 | <0.024 | <0.026 | <0.026 | <0.026 | | | | | | |
| Benzene | mg/kg | 1.6 | 7.07 | 0.0051 | -- | <0.010 | <0.010 | -- | 0.063 | 0.20 | 0.013 J | <0.010 | <0.010 | <0.0073 | | | | | | |
| Ethylbenzene | mg/kg | 8.02 | 35.4 | 1.57 | -- | <0.013 | <0.013 | -- | 0.10 | 0.35 | 0.016 J | 0.020 | <0.013 | <0.0092 | | | | | | |
| Isopropylbenzene | mg/kg | n/v | n/v | n/v | -- | <0.027 | <0.027 | -- | 0.068 J | 0.26 | <0.027 | <0.027 | <0.027 | <0.019 | | | | | | |
| Methylene Chloride | mg/kg | 61.8 | 1,150 | 0.0026 | -- | 0.11 J B | 0.110 J B | -- | 0.14 J B | 0.19 J B | 0.12 J B | 0.14 J B | 0.12 J B | <0.082 | | | | | | |
| Naphthalene | mg/kg | 5.52 | 24.1 | 0.6582 | -- | <0.023 | 0.024 J | -- | 0.50 | 1.6 | 0.093 | 0.14 | 0.025 J | <0.017 | | | | | | |
| n-Butylbenzene | mg/kg | 108 | 108 | n/v | -- | <0.027 | <0.027 | -- | 0.036 J | 0.13 | <0.027 | <0.027 | <0.027 | <0.019 | | | | | | |
| N-Propylbenzene | mg/kg | 264 | 264 | n/v | -- | <0.029 | <0.029 | -- | 0.082 | 0.29 | <0.029 | <0.029 | <0.029 | <0.021 | | | | | | |
| p-Isopropyltoluene | mg/kg | 162 | 162 | n/v | -- | <0.020 | <0.021 | -- | <0.028 | 0.090 J | <0.025 | <0.026 | <0.022 | <0.018 | | | | | | |
| sec-Butylbenzene | mg/kg | 145 | 145 | n/v | -- | <0.023 | <0.024 | -- | <0.031 | 0.093 J | <0.028 | <0.029 | <0.024 | <0.020 | | | | | | |
| Tetrachloroethene | mg/kg | 33 | 145 | 0.0045 | -- | <0.026 | <0.026 | -- | 0.12 | 0.74 | <0.026 | <0.026 | <0.026 | <0.019 | | | | | | |
| Toluene | mg/kg | 818 | 818 | 1.1072 | -- | <0.010 | 0.019 | -- | 0.37 | 1.3 | 0.071 | 0.083 | <0.0098 | <0.0074 | | | | | | |
| Xylenes, Total | mg/kg | 260 | 260 | 3.96 | -- | <0.015 | 0.040 | -- | 0.98 | 3.2 | 0.14 | 0.21 | <0.015 | <0.011 | | | | | | |

Notes: Wisconsin Department of Natural Resources (WDNR) soil residual contaminant level (RCL) Summary table (December 2018) used to establish RCLs for GW protection and direct contact.

-- = not analyzed

<x = compound not detected to a detection limit of x

DC-NI = WDNR Non-Industrial RCL for direct contact risk

DC - I = WDNR Industrial RCL for direct contact risk

GW RCL = WDNR RCL for protection of groundwater

n/v = no value established by WAC (Wis. Adm. Code) or WDNR Soil RCL Summary Table

iui = instrument units as isobutylene

mg/kg = milligrams per kilogram

ft = feet

MS and/or MSD = matrix spike and/or matrix spike duplicate

RPD = relative percent difference

J = Result is less than the reporting limit (RL) but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits.

F2 = MS/MSD relative percent difference (RPD) exceeds control limit

V = Serial Dilution exceeds the control limits

(xx) = Respective background threshold value (BTv)

xx = Exceeds BTv

** = Exceeds DC-NI, but NOT the GW RCL

Exceeds WDNR RCL for DC-NI

Exceeds WDNR RCL for DC-NI but NOT the BTv

Exceeds WDNR RCL for DC-I

Exceeds WDNR RCL for DC-I but NOT the BTv

Exceeds WDNR GW RCL

Exceeds WDNR GW RCL but NOT the BTv

September '19 data from the Former West Bend Brewing Property Phase II Environmental Site Assessment conducted by Stantec using United States Environmental Protection Agency (EPA) Brownfield Assessment Grant funds (EPA Brownfield Cooperative Agreement No. BF-00E01349-0).

Table 2
Groundwater Summary Laboratory Detection Results
WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, Wisconsin

| Constituents | NR 140, WAC ES (µg/L) | NR 140, WAC PAL (µg/L) | TW-3 | DUP 2 / TW-3 | TW-4 | TW-5 | DUP 3 / TW-5 | TW-6 | TW-7 | TW-8 | TW-9 | DUP 1 / TW-9 | Trip - HCL | TW-1 | DUP-02 / TW-1 | TW-2 | Trip Blank (TB-02) | |
|-----------------------|------------------------|------------------------|------------|--------------|------------|------------|--------------|------------|--------------|------------|------------|--------------|------------|------------|---------------|-----------|--------------------|-----------|
| | | | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/18/2020 | 11/16-18/2020 | 9/13/2019 | 9/13/2019 | 9/13/2019 |
| Concentrations (µg/L) | | | | | | | | | | | | | | | | | | |
| Dissolved Metals | Arsenic, Dissolved | 10 | 1.0 | 4.6 | 2.6 | 0.79 J | 1.1 | -- | 1 | 7.2 | 1.3 | -- | -- | -- | 3.9 | 4.2 | 0.46 J | -- |
| | Barium, Dissolved | 2,000 | 400 | 190 | 160 | 150 | 230 | -- | 140 | 240 | 110 | -- | -- | -- | 120 | 120 | 100 | -- |
| | Cadmium, Dissolved | 5 | 1 | 0.17 J | <0.17 | <0.17 | <0.17 | -- | <0.17 | <0.17 | <0.17 | -- | -- | -- | -- | -- | -- | -- |
| | Chromium, Dissolved | 100 | 10 | 15 | 9.5 | <1.1 ^ | <1.1 ^ | -- | <1.1 ^ | 18 | <1.1 ^ | -- | -- | -- | <0.0011 | <0.0011 | 1.3 J, B | -- |
| | Lead, Dissolved | 15 | 1.5 | 6.5 | 3.6 | 0.24 J | 0.79 | -- | <0.19 | 11 | <0.19 | -- | -- | -- | 0.58 | 0.35 J | <0.00019 | -- |
| | Selenium, Dissolved | 50 | 10 | 3.1 | 2.6 | 2.6 | 1.5 J | -- | 1.4 J | 1.5 J | 2.6 | -- | -- | -- | <0.00098 | <0.00098 | 1.3 J | -- |
| PAHs | Methylnaphthalene, 1- | NE | NE | -- | -- | -- | <0.25 | <0.24 | <0.24 F1 F2 | -- | <0.26 | -- | -- | 1.4 J | 1.4 J | <0.24 | -- | |
| | Methylnaphthalene, 2- | NE | NE | -- | -- | -- | <0.053 | <0.052 | <0.052 F1 F2 | -- | <0.057 | -- | -- | 1.4 J | 1.4 J | <0.051 | -- | |
| | Naphthalene | 100 | 10 | -- | -- | -- | <0.25 | <0.25 | <0.25 F1 | -- | <0.27 | -- | -- | 2.9 | 2.9 | <0.24 | -- | |
| VOCs | 1,1-Dichloroethane | 850 | 85 | <0.41 | -- | <0.41 | <0.41 | -- | <0.41 | <0.41 | -- | <0.41 | <0.41 | <0.41 | 3.3 | 3.6 | <0.41 | <0.41 |
| | 1,2,4-Trimethylbenzene | 480 | 96 | <0.36 | -- | <0.36 | <0.36 | -- | <0.36 | 13 | -- | <0.36 | <0.36 | <0.36 | 15 | 15 | 0.42 J | <0.36 |
| | 1,3,5-Trimethylbenzene | 480 | 96 | <0.25 | -- | <0.25 | <0.25 | -- | <0.25 | 48 | -- | <0.25 | <0.25 | <0.25 | 4.6 | 4.7 | <0.25 | <0.25 |
| | Benzene | 5 | 0.5 | <0.15 | -- | 0.31 J | <0.15 | -- | <0.15 | 50 | -- | <0.15 | <0.15 | <0.15 | 1.7 | 1.7 | <0.15 | <0.15 |
| | cis-1,2-Dichloroethene | 5 | 0.5 | <0.41 | -- | <0.41 | <0.41 | -- | <0.41 | <0.41 | -- | <0.41 | <0.41 | <0.41 | 12 | 12 | <0.41 | <0.41 |
| | Ethylbenzene | 700 | 140 | <0.18 | -- | <0.18 | <0.18 | -- | <0.18 | 290 | -- | <0.18 | <0.18 | <0.18 | 6.1 | 6.1 | <0.18 | <0.18 |
| | Isopropylbenzene | NE | NE | <0.39 | -- | <0.39 | <0.39 | -- | <0.39 | 44 | -- | <0.39 | <0.39 | <0.39 | 1 | 1.1 | <0.39 | <0.39 |
| | Methylene Chloride | 5 | 0.5 | 4.0 J | -- | <1.6 | 4.1 J | -- | 4.1 J | <1.6 | -- | 4.1 J | 3.9 J | 4.3 J | 2.1 J, B | 1.9 J, B | 2.8 J, B | 3.8 J, B |
| | Naphthalene | 100 | 10 | <0.34 | -- | <0.34 | <0.34 | -- | <0.34 | 150 | -- | <0.34 | <0.34 | <0.34 | 8.5 | 8.9 | 0.71 J | <0.34 |
| | n-Butylbenzene | NE | NE | <0.39 | -- | <0.39 | <0.39 | -- | <0.39 | 23 | -- | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 | <0.39 |
| | N-Propylbenzene | NE | NE | <0.41 | -- | <0.41 | <0.41 | -- | <0.41 | 120 | -- | <0.41 | <0.41 | <0.41 | 2.7 | 2.7 | <0.41 | <0.41 |
| | p-Isopropyltoluene | NE | NE | <0.36 | -- | <0.36 | <0.36 | -- | <0.36 | 5.7 | -- | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.36 | <0.40 |
| | sec-Butylbenzene | NE | NE | <0.40 | -- | <0.40 | <0.40 | -- | <0.40 | 11 | -- | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| | tert-Butylbenzene | NE | NE | <0.40 | -- | <0.40 | <0.40 | -- | <0.40 | 0.95 J | -- | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 | <0.40 |
| | Tetrachloroethene | 5 | 0.5 | 6.4 | -- | <0.37 | 0.46 J | -- | 0.62 J | <0.37 | -- | <0.37 | <0.37 | <0.37 | 0.42 J | <0.37 | <0.37 | <0.37 |
| | Toluene | 800 | 160 | 0.17 J | -- | 0.60 | <0.15 | -- | 0.37 J | 41 | -- | 0.18 J | 0.15 J | <0.15 | 0.79 | 0.75 | 0.31 J | <0.15 |
| Trichloroethene | 5 | 0.5 | 0.17 J | -- | <0.16 | <0.16 | -- | 0.23 J | <0.16 | -- | <0.16 | <0.16 | <0.16 | <0.16 | <0.16 | <0.16 | <0.16 | |
| Xylenes, Total | 2000 | 400 | <0.22 | -- | 0.27 J | <0.22 | -- | <0.22 | 180 | -- | <0.22 | <0.22 | <0.22 | 13 | 13 | <0.22 | <0.22 | |

Notes: Wisconsin Department of Natural Resources (WDNR) NR 140 Wisconsin Administrative Code (WAC) Table 1 (January 2020) used to establish Public Health Groundwater Quality Standards.

<xx = compound not detected at a detection limit of xx

NE = not established by WAC

XX = exceeds NR 140, WAC prevention action limit (PAL)

XX = exceeds NR 140, WAC enforcement standard (ES)

PAHs = polynuclear aromatic hydrocarbons

VOCs = volatile organic compounds

-- = Not analyzed for constituent class

µg/L = micrograms per liter

J = Compound detected between limit of detection and limit of quantification

B = Compound was found in the blank and sample

^ Instrument related quality control (QC) is outside acceptance limits

F1 = Matrix spike (MS) and/or matrix spike duplicate (MSD) recovery exceeds control limits.

F2 = MS/MSD relative percent difference (RPD) exceeds control limits

September '19 data from the Former West Bend Brewing Property Phase II Environmental Site Assessment conducted by Stantec using United States Environmental Protection Agency (EPA) Brownfield Assessment Grant funds (EPA Brownfield Cooperative Agreement No. BF-00E01349-0).

Table 3: Sub-Slab & Deep Soil Gas Air Quality Laboratory Results, WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, Wisconsin

| Sample Point | Vacuum Testing of Sampling Fittings** (Pass/Fail) | Helium Shroud QA/QC Testing | | Date Sampled | Date Analyzed | Sample Location | Sample Duration (minutes) | Detected Volatile Organic Compounds (micrograms per cubic meter) | | | | | | | | | | | | | | |
|--|---|--|------------------------------------|--------------|---------------|---------------------------------------|---------------------------|--|-----------------------------|---------|------------------|-------------|-------------------------|--------------|--------|---------------------|----------|-------------------|---------|-----------------|------------------------|----------------|
| | | Helium Concentration Under Shroud (% He) | Helium Concentration in Sample (%) | | | | | 2-Butanone (MEK) | 4-Methyl-2-pentanone (MIBK) | Benzene | Carbon disulfide | Cyclohexane | Dichlorodifluoromethane | Ethylbenzene | Hexane | m-Xylene & p-Xylene | o-Xylene | Tetrachloroethene | Toluene | Trichloroethene | Trichlorofluoromethane | Xylenes, Total |
| Residential VRSL (micrograms per cubic meter) | | | | | | Sub-Slab Residential (AF = 0.03) | 173,667 | 104,333 | 120 | 24,333 | 208,667 | 3,467 | 373 | 4,667 | 3,467 | 3,467 | 1,390 | 107,000 | 70 | NSL | 3,467 | |
| | | | | | | Deep Soil Gas (AF = 0.01) | 521,000 | 313,000 | 360 | 73,000 | 626,000 | 10,400 | 1,120 | 14,000 | 10,400 | 10,400 | 4,170 | 321,000 | 209 | NSL | 10,400 | |
| Small-Commercial / Indoor Worker VRSL (micrograms per cubic meter) | | | | | | Sub-Slab Residential (AF = 0.03) | 730,000 | 436,667 | 523 | 102,333 | 876,667 | 14,600 | 1,637 | 20,433 | 14,600 | 14,600 | 5,833 | 730,000 | 292 | NSL | 14,600 | |
| | | | | | | Deep Soil Gas (AF = 0.01) | 2,190,000 | 1,310,000 | 1,570 | 307,000 | 2,630,000 | 43,800 | 4,910 | 61,300 | 43,800 | 43,800 | 17,500 | 2,190,000 | 876 | NSL | 43,800 | |
| VP-1 | Pass | 31.9% | 0% | 11/17/20 | 11/23/20 | Ground floor sub-slab | 34 | <5.4 | <5.5 | 1.7 J | <0.87 | <2.0 | 3.6 J | <1.4 | 1.7 J | <3.2 | <1.7 | <1.2 | <7.4 | <0.81 | 1.4 J | <2.6 |
| VP-2 | Pass | 31.6% | 0% | 11/17/20 | 11/23/20 | Soil Vapor Point - Installed 3 ft bgs | 26 | <5.4 | <5.5 | 1.1 J | <0.87 | <2.0 | 4.6 J | <1.4 | <1.2 | <3.2 | <1.7 | 46 | <7.4 | <0.81 | 1.2 J | <2.6 |
| VP-3 | Pass | 30.5% | 0% | 11/17/20 | 11/23/20 | Soil Vapor Point - Installed 5 ft bgs | 38 | 18 J | 23 | 5.9 J | 3.0 J | 89 | 3.6 J | 2.3 J | 20 J | 8.6 J | 4.2 J | 12 J | 14 | <0.81 | 1.8 J | 13 J |
| VP-5 | Pass | 32.1% | 0% | 11/17/20 | 11/23/20 | Ground floor sub-slab | 35 | <5.4 | <5.5 | <0.61 | <0.87 | <2.0 | 3.3 J | <1.4 | <1.2 | <3.2 | <1.7 | 3.1 J | <7.4 | <0.81 | 1.2 J | <2.6 |
| VP-6 | Pass | 35.7% | 0% | 11/17/20 | 11/23/20 | Soil Vapor Point - Installed 5 ft bgs | 31 | 8.4 J | 17 J | 5.7 J | 1.6 J | 4.4 J | 3.2 J | 2.9 J | 8.5 J | 5.5 J | 2.6 J | 18 | 14 | 1.2 J | 1.4 J | 8.2 J |
| VP-7 | Pass | 36.3% | 0% | 11/17/20 | 11/23/20 | Soil Vapor Point - Installed 5 ft bgs | 35 | <5.4 | 8.4 J | 1.4 J | <0.87 | <2.0 | 3.1 J | 2.0 J | 1.6 J | <3.2 | <1.7 | 2.3 J | <7.4 | <0.81 | 1.2 J | <2.6 |

Note: Target Hazard Quotient (THQ) of 1 and Target Risk (TR) of 1E-05 per RR-800 (WDNR, January 2018)

AF = attenuation factor

NSL = no screening level assigned from USEPA Regional Screening Level (RSL) Table - November 2020

VAL = vapor action level

VRSL = vapor risk screening level

<x = analyte was not detected at a concentration greater than "x"

x = analyte exceeds applicable target air concentration

"J" = analyte exceeds the limit of detection but is below the limit of quantification

** = a vacuum of greater than 5 inches of mercury was applied to the hoses and fittings used to collect each sample. A passing grade was given if no drop in vacuum was observed after at least 1 minute

ft bgs = feet below ground surface

All screening levels were determined based upon the guidance provided in the WDNR WI Vapor Quick Look-Up Table - Indoor Air Vapor Action Levels (WDNR, 2017) and Vapor Risk Screening Levels, (WDNR, November 2020). The VAL and VRSLs were determined from the USEPA Regional Screening Level (RSL) Table - November 2020 per WDNR Publication RR-800 - Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin (WDNR, January 2018).

TABLE 4 - WATER LEVEL DATA, WB BREWERY BUILDING, LLC PARCELS, WEST BEND, WISCONSIN

| Well ID | Date Installed | Latitude | Longitude | Screen Interval (fbgs) | Water Level Measurement Date | TOC elevation (ft amsl) ² | DTW ¹ (fbgs) | Groundwater Elevation (ft amsl) ² |
|---------|----------------|---------------|--------------|------------------------|------------------------------|--------------------------------------|-------------------------|--|
| TW-3 | 11/17/20 | 43°25'43.09"N | 88°11'6.66"W | 3.4 - 13.4 | 11/19/20 | 900.43 | 5.26 | 895.17 |
| TW-4 | 11/18/20 | 43°25'43.17"N | 88°11'5.60"W | 3.4 - 13.4 | 11/19/20 | 897.14 | 5.26 | 891.88 |
| TW-5 | 11/18/20 | 43°25'42.46"N | 88°11'4.72"W | 4.1 - 14.1 | 11/19/20 | 897.60 | 6.60 | 891.00 |
| TW-6 | 11/18/20 | 43°25'41.69"N | 88°11'4.50"W | 9.0 - 19.0 | 11/19/20 | 899.34 | 9.40 | 889.94 |
| TW-7 | 11/18/20 | 43°25'40.67"N | 88°11'5.98"W | 8.6 - 18.6 | 11/19/20 | 909.11 | 13.83 | 895.28 |
| TW-8 | 11/18/20 | 43°25'39.79"N | 88°11'3.30"W | 8.9 - 18.9 | 11/19/20 | 904.18 | 16.14 | 888.04 |
| TW-9 | 11/17/20 | 43°25'38.14"N | 88°11'4.33"W | 13.4 - 23.4 | 11/19/20 | 907.59 | 18.53 | 889.06 |

Notes:

1) The water level in the well may not have fully recovered at the time of measurement, which was measured the morning after sampling.

2) Survey benchmark datum used was the rim of a storm manhole on the northwest portion of the City of West Bend Parking Lot property. Rim of the manhole = 907.89

DTW = depth to water ID = identification

fbgs = feet below ground surface

ft amsl = feet above mean sea level

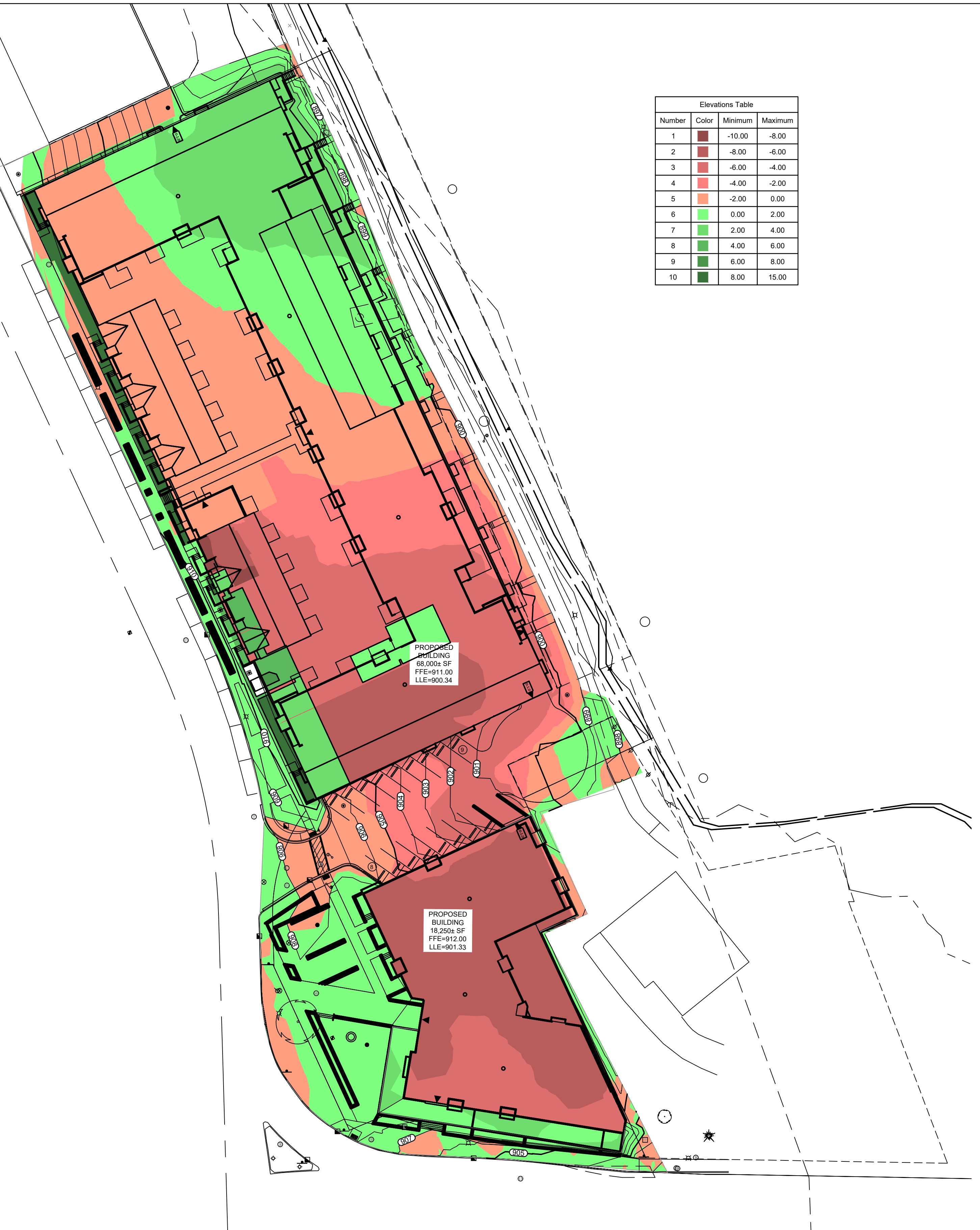
TOC = top of casing

ATTACHMENTS

ATTACHMENT A

Redevelopment Plans

Z:\PROJECTS\2020\2289.00-WI\CAD\MASTER\2289.00 MASTER.DWG 2/24/2021 11:33 AM



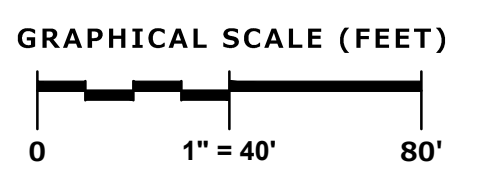
| Elevations Table | | | |
|------------------|-----------------|---------|---------|
| Number | Color | Minimum | Maximum |
| 1 | Dark Red | -10.00 | -8.00 |
| 2 | Red | -8.00 | -6.00 |
| 3 | Light Red | -6.00 | -4.00 |
| 4 | Orange | -4.00 | -2.00 |
| 5 | Light Orange | -2.00 | 0.00 |
| 6 | Yellow | 0.00 | 2.00 |
| 7 | Light Green | 2.00 | 4.00 |
| 8 | Green | 4.00 | 6.00 |
| 9 | Dark Green | 6.00 | 8.00 |
| 10 | Very Dark Green | 8.00 | 15.00 |

PROPOSED BUILDING
68,000± SF
FFE=911.00
LLE=900.34

PROPOSED BUILDING
18,250± SF
FFE=912.00
LLE=901.33

| EARTHWORK QUANTITIES WITHOUT RECYCLING MATERIALS FOR West Bend Apartments | | | |
|--|------------|--|---------------------------|
| PINNACLE ENGINEERING GROUP Plan Design Deliver www.pinnacle-engr.com | | DESIGN BY: MTS PROJECT NUMBER: 2289.00 DATE: 2/23/2021 | |
| RAW CUT/FILL (EXISTING CONTOURS VS. FINAL CONTOURS) | | TOTAL SITE AREA | 3.115 ACRES |
| 11,255 CY CUT 3,521 CY FILL 5 % SHRINKAGE FACTOR ON FILL 3,697 ADJUSTED FILL 7,558 CY RAW EXPORT | | | |
| SURFACE ADJUSTMENTS | | | |
| TOPSOIL STRIPING | 3 IN OVER | 0.70 AC = | 282 CY LESS STRUCTURAL |
| Topsail depth is based on actual borings data | | | |
| PAVEMENT SUBCUT (6" PAST B.O.C.) | 13 IN OVER | 34,000 SF = | 1,364 CY ADDED STRUCTURAL |
| SIDEWALK SUBCUT | 8 IN OVER | 7,552 SF = | 186 CY ADDED STRUCTURAL |
| UTILITY TRENCH SPOILS | | | |
| | | TRENCH SIZE - WIDTH BY DEPTH | |
| SANITARY | 85 LF | 5 FT BY 8.5 FT = | 134 CY ADDED STRUCTURAL |
| WATER | 125 LF | 5 FT BY 7 FT = | 162 CY ADDED STRUCTURAL |
| STORM | 950 LF | 5 FT BY 5 FT = | 880 CY ADDED STRUCTURAL |
| BUILDING ADJUSTMENTS | | | |
| SLAB ON GRADE (GARAGE FLOOR SLAB) | 12 IN OVER | 86,403 SF = | 3,200 CY ADDED STRUCTURAL |
| | | TRENCH SIZE - WIDTH BY DEPTH | |
| FOOTINGS | 1996 LF | 3 FT BY 5 FT = | 1,109 CY ADDED STRUCTURAL |
| 1:1 SIDE EXCAVATION | 900 LF | 8 FT BY 8 FT = | 1,067 CY ADDED STRUCTURAL |
| 18" ENVIRONMENTAL CAP | 18 IN OVER | 0.88 AC = | 2,130 CY ADDED STRUCTURAL |
| | | ESTIMATE OF NET STRUCTURAL EXPORT | |
| | | 17,507 CY | |
| | | TOPSOIL EXPORT | |
| | | 282 CY | |

| EARTHWORK QUANTITIES UTILIZING RECYCLED MATERIALS FOR West Bend Apartments | | | |
|--|------------|---|---------------------------|
| PINNACLE ENGINEERING GROUP Plan Design Deliver www.pinnacle-engr.com | | DESIGN BY: MTS PROJECT NUMBER: 2289.00 DATE: 2/23/2021 | |
| RAW CUT/FILL (EXISTING CONTOURS VS. FINAL CONTOURS) | | TOTAL SITE AREA | 3.115 ACRES |
| 11,255 CY CUT 3,521 CY FILL 5 % SHRINKAGE FACTOR ON FILL 3,697 ADJUSTED FILL 7,558 CY RAW EXPORT | | | |
| SURFACE ADJUSTMENTS | | | |
| TOPSOIL STRIPING | 3 IN OVER | 0.70 AC = | 282 CY LESS STRUCTURAL |
| Topsail depth is based on actual borings data | | | |
| PAVEMENT SUBCUT (6" PAST B.O.C.) | 13 IN OVER | 34,000 SF = | 1,364 CY ADDED STRUCTURAL |
| SIDEWALK SUBCUT | 8 IN OVER | 7,552 SF = | 186 CY ADDED STRUCTURAL |
| UTILITY TRENCH SPOILS | | | |
| | | TRENCH SIZE - WIDTH BY DEPTH | |
| SANITARY | 85 LF | 5 FT BY 8.5 FT = | 134 CY ADDED STRUCTURAL |
| WATER | 125 LF | 5 FT BY 7 FT = | 162 CY ADDED STRUCTURAL |
| STORM | 950 LF | 5 FT BY 5 FT = | 880 CY ADDED STRUCTURAL |
| BUILDING ADJUSTMENTS | | | |
| SLAB ON GRADE (GARAGE FLOOR SLAB) | 12 IN OVER | 86,403 SF = | 3,200 CY ADDED STRUCTURAL |
| | | TRENCH SIZE - WIDTH BY DEPTH | |
| FOOTINGS | 1996 LF | 3 FT BY 5 FT = | 1,109 CY ADDED STRUCTURAL |
| 1:1 SIDE EXCAVATION | 900 LF | 8 FT BY 8 FT = | 1,067 CY ADDED STRUCTURAL |
| 18" ENVIRONMENTAL CAP | 18 IN OVER | 0.88 AC = | 2,130 CY ADDED STRUCTURAL |
| PULVERIZE & RE-USE ASPHALT PAVEMENT | 3 IN OVER | 75,000 SF | 694 CY LESS STRUCTURAL |
| | | CRUSH EXISTING CONCRETE & FOUNDATIONS (2 BUILDINGS WITHOUT CONTAMINATION) FOR REUSE | |
| | | 605 CY LESS STRUCTURAL | |
| | | ESTIMATE OF NET STRUCTURAL EXPORT | |
| | | 16,208 CY | |
| | | TOPSOIL EXPORT | |
| | | 282 CY | |













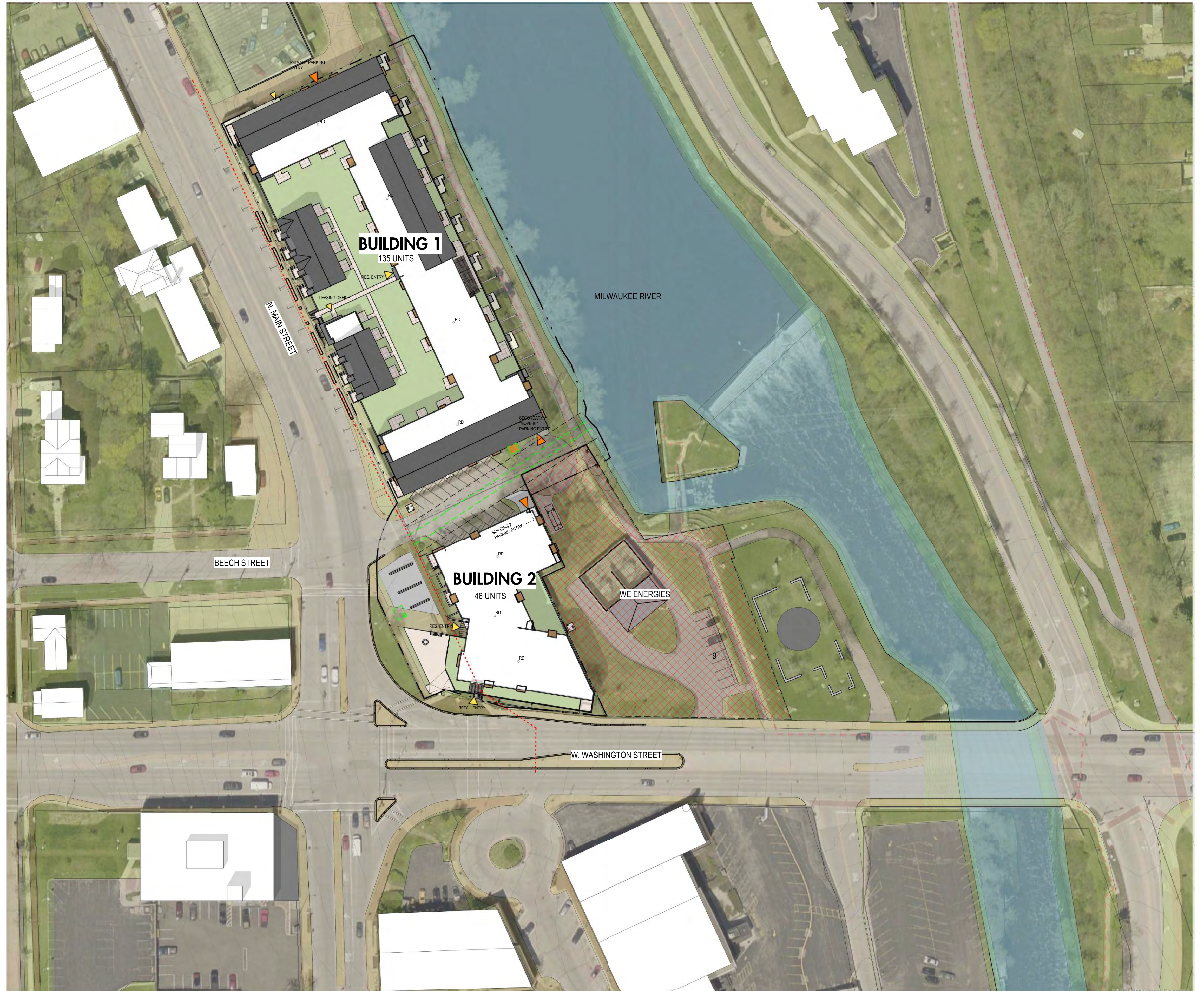












ATTACHMENT B

Laboratory Analytical Results

ANALYTICAL REPORT

Eurofins TestAmerica, Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921
Tel: (865)291-3000

Laboratory Job ID: 140-21080-1
Client Project/Site: WB Brew - 193707897

For:

Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Erin Gross

Jodie Bracken

Authorized for release by:
11/27/2020 3:03:22 PM

Jodie Bracken, Project Management Assistant II
Jodie.Bracken@Eurofinset.com

Designee for

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

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results through
TotalAccess

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Qualifiers

Air - GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| * | LCS or LCSD is outside acceptance limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

Case Narrative

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Job ID: 140-21080-1

Laboratory: Eurofins TestAmerica, Knoxville

Narrative

Job Narrative 140-21080-1

Comments

No additional comments.

Receipt

The samples were received on 11/20/2020 9:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice.

Air - GC/MS VOA

Methods TO 15 LL, TO-15: EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

Methods TO 15 LL, TO-15: The continuing calibration verification (CCV) associated with batch 140-44664 exhibited % difference of > 30% for the following analyte(s) 3-Chloro-1-propene, Acetonitrile, Acrylonitrile, Butane, Dichlorodifluoromethane and Isopropyl alcohol; however, the results were within the LCS acceptance limits. The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria.

Methods TO 15 LL, TO-15: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 140-44664: Isopropyl alcohol. This is not indicative of a systematic control problem because this was random marginal exceedance. Qualified results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-6

Lab Sample ID: 140-21080-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| 2-Butanone (MEK) | 2.8 | J | 10 | 1.8 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (MIBK) | 4.1 | J | 5.0 | 1.4 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 1.8 | J | 2.0 | 0.19 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 0.50 | J | 5.0 | 0.28 | ppb v/v | 1 | | TO-15 | Total/NA |
| Cyclohexane | 1.3 | J | 5.0 | 0.59 | ppb v/v | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 0.65 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 0.67 | J | 2.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| Hexane | 2.4 | J | 8.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| m-Xylene & p-Xylene | 1.3 | J | 8.0 | 0.73 | ppb v/v | 1 | | TO-15 | Total/NA |
| o-Xylene | 0.59 | J | 2.0 | 0.38 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 2.7 | | 2.0 | 0.17 | ppb v/v | 1 | | TO-15 | Total/NA |
| Toluene | 3.6 | | 2.0 | 2.0 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichloroethene | 0.22 | J | 2.0 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.25 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |
| Xylenes, Total | 1.9 | J | 4.0 | 0.61 | ppb v/v | 1 | | TO-15 | Total/NA |

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| 2-Butanone (MEK) | 8.4 | J | 29 | 5.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (MIBK) | 17 | J | 20 | 5.5 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 5.7 | J | 6.4 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 1.6 | J | 16 | 0.87 | ug/m3 | 1 | | TO-15 | Total/NA |
| Cyclohexane | 4.4 | J | 17 | 2.0 | ug/m3 | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 3.2 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 2.9 | J | 8.7 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Hexane | 8.5 | J | 28 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| m-Xylene & p-Xylene | 5.5 | J | 35 | 3.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| o-Xylene | 2.6 | J | 8.7 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 18 | | 14 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Toluene | 14 | | 7.5 | 7.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichloroethene | 1.2 | J | 11 | 0.81 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.4 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |
| Xylenes, Total | 8.2 | J | 17 | 2.6 | ug/m3 | 1 | | TO-15 | Total/NA |

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| 4-Methyl-2-pentanone (MIBK) | 2.0 | J | 5.0 | 1.4 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 0.44 | J | 2.0 | 0.19 | ppb v/v | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 0.63 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 0.46 | J | 2.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| Hexane | 0.44 | J | 8.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.34 | J | 2.0 | 0.17 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.21 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| 4-Methyl-2-pentanone (MIBK) | 8.4 | J | 20 | 5.5 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 1.4 | J | 6.4 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 3.1 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 2.0 | J | 8.7 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Hexane | 1.6 | J | 28 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 2.3 | J | 14 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-2

Lab Sample ID: 140-21080-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| Benzene | 0.36 | J | 2.0 | 0.19 | ppb v/v | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 0.94 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 6.8 | | 2.0 | 0.17 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.21 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |
| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
| Benzene | 1.1 | J | 6.4 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 4.6 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 46 | | 14 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-----------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| 2-Butanone (MEK) | 6.0 | J | 10 | 1.8 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (MIBK) | 5.6 | | 5.0 | 1.4 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 1.8 | J | 2.0 | 0.19 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 0.96 | J | 5.0 | 0.28 | ppb v/v | 1 | | TO-15 | Total/NA |
| Cyclohexane | 26 | | 5.0 | 0.59 | ppb v/v | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 0.72 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 0.54 | J | 2.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| Hexane | 5.5 | J | 8.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| m-Xylene & p-Xylene | 2.0 | J | 8.0 | 0.73 | ppb v/v | 1 | | TO-15 | Total/NA |
| o-Xylene | 0.97 | J | 2.0 | 0.38 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 1.7 | J | 2.0 | 0.17 | ppb v/v | 1 | | TO-15 | Total/NA |
| Toluene | 3.6 | | 2.0 | 2.0 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.33 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |
| Xylenes, Total | 3.0 | J | 4.0 | 0.61 | ppb v/v | 1 | | TO-15 | Total/NA |
| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
| 2-Butanone (MEK) | 18 | J | 29 | 5.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (MIBK) | 23 | | 20 | 5.5 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 5.9 | J | 6.4 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 3.0 | J | 16 | 0.87 | ug/m3 | 1 | | TO-15 | Total/NA |
| Cyclohexane | 89 | | 17 | 2.0 | ug/m3 | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 3.6 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 2.3 | J | 8.7 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Hexane | 20 | J | 28 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| m-Xylene & p-Xylene | 8.6 | J | 35 | 3.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| o-Xylene | 4.2 | J | 8.7 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 12 | J | 14 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Toluene | 14 | | 7.5 | 7.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.8 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |
| Xylenes, Total | 13 | J | 17 | 2.6 | ug/m3 | 1 | | TO-15 | Total/NA |

Client Sample ID: VP-1

Lab Sample ID: 140-21080-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| Benzene | 0.54 | J | 2.0 | 0.19 | ppb v/v | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 0.72 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Hexane | 0.49 | J | 8.0 | 0.33 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.25 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Detection Summary

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-1 (Continued)

Lab Sample ID: 140-21080-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| Benzene | 1.7 | J | 6.4 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Dichlorodifluoromethane | 3.6 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Hexane | 1.7 | J | 28 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.4 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|-------------------------|--------|-----------|-----|------|---------|---------|---|--------|-----------|
| Dichlorodifluoromethane | 0.67 | J | 5.0 | 0.35 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.45 | J | 2.0 | 0.17 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.22 | J | 2.0 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |
| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
| Dichlorodifluoromethane | 3.3 | J | 25 | 1.7 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 3.1 | J | 14 | 1.2 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-6

Lab Sample ID: 140-21080-1

Date Collected: 11/17/20 09:37

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 2-Butanone (MEK) | 2.8 | J | 10 | 1.8 | ppb v/v | | | 11/23/20 12:50 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 4.1 | J | 5.0 | 1.4 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Benzene | 1.8 | J | 2.0 | 0.19 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Carbon disulfide | 0.50 | J | 5.0 | 0.28 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 12:50 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 12:50 | 1 |
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Cyclohexane | 1.3 | J | 5.0 | 0.59 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Dichlorodifluoromethane | 0.65 | J | 5.0 | 0.35 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Ethylbenzene | 0.67 | J | 2.0 | 0.33 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Hexane | 2.4 | J | 8.0 | 0.33 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Isopropyl alcohol | <2.8 | * | 50 | 2.8 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 12:50 | 1 |
| m-Xylene & p-Xylene | 1.3 | J | 8.0 | 0.73 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 12:50 | 1 |
| o-Xylene | 0.59 | J | 2.0 | 0.38 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Tetrachloroethene | 2.7 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 12:50 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-6

Lab Sample ID: 140-21080-1

Date Collected: 11/17/20 09:37

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------------|-----------|-----|------|---------|---|----------|----------------|---------|
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Toluene | 3.6 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 12:50 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 12:50 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Trichloroethene | 0.22 J | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Trichlorofluoromethane | 0.25 J | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Xylenes, Total | 1.9 J | | 4.0 | 0.61 | ppb v/v | | | 11/23/20 12:50 | 1 |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,1,1,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 2-Butanone (MEK) | 8.4 J | | 29 | 5.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 17 J | | 20 | 5.5 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Benzene | 5.7 J | | 6.4 | 0.61 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Carbon disulfide | 1.6 J | | 16 | 0.87 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 12:50 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Cyclohexane | 4.4 J | | 17 | 2.0 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Dichlorodifluoromethane | 3.2 J | | 25 | 1.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Ethylbenzene | 2.9 J | | 8.7 | 1.4 | ug/m3 | | | 11/23/20 12:50 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-6

Lab Sample ID: 140-21080-1

Date Collected: 11/17/20 09:37

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Hexane | 8.5 | J | 28 | 1.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 12:50 | 1 |
| m-Xylene & p-Xylene | 5.5 | J | 35 | 3.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 12:50 | 1 |
| o-Xylene | 2.6 | J | 8.7 | 1.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Tetrachloroethene | 18 | | 14 | 1.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Toluene | 14 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 12:50 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 12:50 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Trichloroethene | 1.2 | J | 11 | 0.81 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Trichlorofluoromethane | 1.4 | J | 11 | 1.0 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 12:50 | 1 |
| Xylenes, Total | 8.2 | J | 17 | 2.6 | ug/m3 | | | 11/23/20 12:50 | 1 |

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

Date Collected: 11/17/20 11:09

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 2-Butanone (MEK) | <1.8 | | 10 | 1.8 | ppb v/v | | | 11/23/20 13:37 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 2.0 | J | 5.0 | 1.4 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 13:37 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

Date Collected: 11/17/20 11:09

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| Benzene | 0.44 | J | 2.0 | 0.19 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Carbon disulfide | <0.28 | | 5.0 | 0.28 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 13:37 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 13:37 | 1 |
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Cyclohexane | <0.59 | | 5.0 | 0.59 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Dichlorodifluoromethane | 0.63 | J | 5.0 | 0.35 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Ethylbenzene | 0.46 | J | 2.0 | 0.33 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Hexane | 0.44 | J | 8.0 | 0.33 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Isopropyl alcohol | <2.8 | * | 50 | 2.8 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 13:37 | 1 |
| m-Xylene & p-Xylene | <0.73 | | 8.0 | 0.73 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 13:37 | 1 |
| o-Xylene | <0.38 | | 2.0 | 0.38 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Tetrachloroethene | 0.34 | J | 2.0 | 0.17 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Toluene | <2.0 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 13:37 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 13:37 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Trichloroethene | <0.15 | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Trichlorofluoromethane | 0.21 | J | 2.0 | 0.18 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Xylenes, Total | <0.61 | | 4.0 | 0.61 | ppb v/v | | | 11/23/20 13:37 | 1 |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,1,2,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 13:37 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

Date Collected: 11/17/20 11:09

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 2-Butanone (MEK) | <5.4 | | 29 | 5.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 8.4 | J | 20 | 5.5 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Benzene | 1.4 | J | 6.4 | 0.61 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Carbon disulfide | <0.87 | | 16 | 0.87 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 13:37 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Cyclohexane | <2.0 | | 17 | 2.0 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Dichlorodifluoromethane | 3.1 | J | 25 | 1.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Ethylbenzene | 2.0 | J | 8.7 | 1.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Hexane | 1.6 | J | 28 | 1.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 13:37 | 1 |
| m-Xylene & p-Xylene | <3.2 | | 35 | 3.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 13:37 | 1 |
| o-Xylene | <1.7 | | 8.7 | 1.7 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Tetrachloroethene | 2.3 | J | 14 | 1.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Toluene | <7.4 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 13:37 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 13:37 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Trichloroethene | <0.81 | | 11 | 0.81 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 13:37 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 13:37 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

Date Collected: 11/17/20 11:09

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------|-----------|----|-----|-------|---|----------|----------------|---------|
| Xylenes, Total | <2.6 | | 17 | 2.6 | ug/m3 | | | 11/23/20 13:37 | 1 |

Client Sample ID: VP-2

Lab Sample ID: 140-21080-3

Date Collected: 11/17/20 12:10

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 2-Butanone (MEK) | <1.8 | | 10 | 1.8 | ppb v/v | | | 11/23/20 14:24 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <1.4 | | 5.0 | 1.4 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Benzene | 0.36 | J | 2.0 | 0.19 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Carbon disulfide | <0.28 | | 5.0 | 0.28 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 14:24 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 14:24 | 1 |
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Cyclohexane | <0.59 | | 5.0 | 0.59 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Dichlorodifluoromethane | 0.94 | J | 5.0 | 0.35 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Ethylbenzene | <0.33 | | 2.0 | 0.33 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Hexane | <0.33 | | 8.0 | 0.33 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Isopropyl alcohol | <2.8 | * | 50 | 2.8 | ppb v/v | | | 11/23/20 14:24 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-2

Lab Sample ID: 140-21080-3

Date Collected: 11/17/20 12:10

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---------------|-----------|-----|------|---------|---|----------|----------------|---------|
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 14:24 | 1 |
| m-Xylene & p-Xylene | <0.73 | | 8.0 | 0.73 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 14:24 | 1 |
| o-Xylene | <0.38 | | 2.0 | 0.38 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Tetrachloroethene | 6.8 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Toluene | <2.0 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 14:24 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 14:24 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Trichloroethene | <0.15 | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Trichlorofluoromethane | 0.21 J | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Xylenes, Total | <0.61 | | 4.0 | 0.61 | ppb v/v | | | 11/23/20 14:24 | 1 |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 2-Butanone (MEK) | <5.4 | | 29 | 5.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <5.5 | | 20 | 5.5 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Benzene | 1.1 J | | 6.4 | 0.61 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Carbon disulfide | <0.87 | | 16 | 0.87 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 14:24 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-2

Lab Sample ID: 140-21080-3

Date Collected: 11/17/20 12:10

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 14:24 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Cyclohexane | <2.0 | | 17 | 2.0 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Dichlorodifluoromethane | 4.6 | J | 25 | 1.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Ethylbenzene | <1.4 | | 8.7 | 1.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Hexane | <1.2 | | 28 | 1.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 14:24 | 1 |
| m-Xylene & p-Xylene | <3.2 | | 35 | 3.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 14:24 | 1 |
| o-Xylene | <1.7 | | 8.7 | 1.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Tetrachloroethene | 46 | | 14 | 1.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Toluene | <7.4 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 14:24 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 14:24 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Trichloroethene | <0.81 | | 11 | 0.81 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 14:24 | 1 |
| Xylenes, Total | <2.6 | | 17 | 2.6 | ug/m3 | | | 11/23/20 14:24 | 1 |

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

Date Collected: 11/17/20 13:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:11 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

Date Collected: 11/17/20 13:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------------|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 2-Butanone (MEK) | 6.0 | J | 10 | 1.8 | ppb v/v | | | 11/23/20 15:11 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 5.6 | | 5.0 | 1.4 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Benzene | 1.8 | J | 2.0 | 0.19 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Carbon disulfide | 0.96 | J | 5.0 | 0.28 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 15:11 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:11 | 1 |
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Cyclohexane | 26 | | 5.0 | 0.59 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Dichlorodifluoromethane | 0.72 | J | 5.0 | 0.35 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Ethylbenzene | 0.54 | J | 2.0 | 0.33 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Hexane | 5.5 | J | 8.0 | 0.33 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Isopropyl alcohol | <2.8 | * | 50 | 2.8 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 15:11 | 1 |
| m-Xylene & p-Xylene | 2.0 | J | 8.0 | 0.73 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 15:11 | 1 |
| o-Xylene | 0.97 | J | 2.0 | 0.38 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Tetrachloroethene | 1.7 | J | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Toluene | 3.6 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 15:11 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:11 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Trichloroethene | <0.15 | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Trichlorofluoromethane | 0.33 | J | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Xylenes, Total | 3.0 | J | 4.0 | 0.61 | ppb v/v | | | 11/23/20 15:11 | 1 |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 15:11 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

Date Collected: 11/17/20 13:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| 1,1,2,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 2-Butanone (MEK) | 18 | J | 29 | 5.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 23 | | 20 | 5.5 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Benzene | 5.9 | J | 6.4 | 0.61 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Carbon disulfide | 3.0 | J | 16 | 0.87 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 15:11 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Cyclohexane | 89 | | 17 | 2.0 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Dichlorodifluoromethane | 3.6 | J | 25 | 1.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Ethylbenzene | 2.3 | J | 8.7 | 1.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Hexane | 20 | J | 28 | 1.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 15:11 | 1 |
| m-Xylene & p-Xylene | 8.6 | J | 35 | 3.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 15:11 | 1 |
| o-Xylene | 4.2 | J | 8.7 | 1.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Tetrachloroethene | 12 | J | 14 | 1.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 15:11 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

Date Collected: 11/17/20 13:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|--------------|-----------|-----|------|-------|---|----------|----------------|---------|
| Toluene | 14 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 15:11 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 15:11 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Trichloroethene | <0.81 | | 11 | 0.81 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Trichlorofluoromethane | 1.8 J | | 11 | 1.0 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 15:11 | 1 |
| Xylenes, Total | 13 J | | 17 | 2.6 | ug/m3 | | | 11/23/20 15:11 | 1 |

Client Sample ID: VP-1

Lab Sample ID: 140-21080-5

Date Collected: 11/17/20 15:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 2-Butanone (MEK) | <1.8 | | 10 | 1.8 | ppb v/v | | | 11/23/20 15:59 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <1.4 | | 5.0 | 1.4 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Benzene | 0.54 J | | 2.0 | 0.19 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Carbon disulfide | <0.28 | | 5.0 | 0.28 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 15:59 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 15:59 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-1

Lab Sample ID: 140-21080-5

Date Collected: 11/17/20 15:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Cyclohexane | <0.59 | | 5.0 | 0.59 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Dichlorodifluoromethane | 0.72 | J | 5.0 | 0.35 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Ethylbenzene | <0.33 | | 2.0 | 0.33 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Hexane | 0.49 | J | 8.0 | 0.33 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Isopropyl alcohol | <2.8 | * | 50 | 2.8 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 15:59 | 1 |
| m-Xylene & p-Xylene | <0.73 | | 8.0 | 0.73 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 15:59 | 1 |
| o-Xylene | <0.38 | | 2.0 | 0.38 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Tetrachloroethene | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Toluene | <2.0 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 15:59 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 15:59 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Trichloroethene | <0.15 | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Trichlorofluoromethane | 0.25 | J | 2.0 | 0.18 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 15:59 | 1 |
| Xylenes, Total | <0.61 | | 4.0 | 0.61 | ppb v/v | | | 11/23/20 15:59 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,1,2,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 2-Butanone (MEK) | <5.4 | | 29 | 5.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <5.5 | | 20 | 5.5 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Benzene | 1.7 | J | 6.4 | 0.61 | ug/m3 | | | 11/23/20 15:59 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-1

Lab Sample ID: 140-21080-5

Date Collected: 11/17/20 15:06

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------------------------|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Carbon disulfide | <0.87 | | 16 | 0.87 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 15:59 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Cyclohexane | <2.0 | | 17 | 2.0 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Dichlorodifluoromethane | 3.6 | J | 25 | 1.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Ethylbenzene | <1.4 | | 8.7 | 1.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Hexane | 1.7 | J | 28 | 1.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 15:59 | 1 |
| m-Xylene & p-Xylene | <3.2 | | 35 | 3.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 15:59 | 1 |
| o-Xylene | <1.7 | | 8.7 | 1.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Tetrachloroethene | <1.2 | | 14 | 1.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Toluene | <7.4 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 15:59 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 15:59 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Trichloroethene | <0.81 | | 11 | 0.81 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Trichlorofluoromethane | 1.4 | J | 11 | 1.0 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 15:59 | 1 |
| Xylenes, Total | <2.6 | | 17 | 2.6 | ug/m3 | | | 11/23/20 15:59 | 1 |

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

Date Collected: 11/17/20 16:00

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------------------|--------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.49 | | 2.0 | 0.49 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.36 | | 2.0 | 0.36 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,1,2-Trichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 16:46 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

Date Collected: 11/17/20 16:00

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---------------|-----------|-----|------|---------|---|----------|----------------|---------|
| 1,1-Dichloroethane | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,1-Dichloroethene | <0.20 | | 2.0 | 0.20 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2,4-Trichlorobenzene | <1.6 | | 20 | 1.6 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2,4-Trimethylbenzene | <0.51 | | 2.0 | 0.51 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2-Dibromoethane (EDB) | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.31 | | 2.0 | 0.31 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2-Dichlorobenzene | <0.76 | | 2.0 | 0.76 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloroethane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloropropane | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,3,5-Trimethylbenzene | <0.55 | | 2.0 | 0.55 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,4-Dichlorobenzene | <0.40 | | 2.0 | 0.40 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 1,4-Dioxane | <0.75 | | 50 | 0.75 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 2-Butanone (MEK) | <1.8 | | 10 | 1.8 | ppb v/v | | | 11/23/20 16:46 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <1.4 | | 5.0 | 1.4 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Acetone | <14 | | 50 | 14 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Benzene | <0.19 | | 2.0 | 0.19 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Benzyl chloride | <0.95 | | 8.0 | 0.95 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Bromodichloromethane | <0.44 | | 2.0 | 0.44 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Bromoform | <0.22 | | 2.0 | 0.22 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Bromomethane | <0.56 | | 2.0 | 0.56 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Carbon disulfide | <0.28 | | 5.0 | 0.28 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Carbon tetrachloride | <0.18 | | 2.0 | 0.18 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Chlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Chloroethane | <0.72 | | 8.0 | 0.72 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Chloroform | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Chloromethane | <1.7 | | 5.0 | 1.7 | ppb v/v | | | 11/23/20 16:46 | 1 |
| cis-1,2-Dichloroethene | <0.25 | | 2.0 | 0.25 | ppb v/v | | | 11/23/20 16:46 | 1 |
| cis-1,3-Dichloropropene | <0.39 | | 2.0 | 0.39 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Cyclohexane | <0.59 | | 5.0 | 0.59 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Dibromochloromethane | <0.17 | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Dichlorodifluoromethane | 0.67 J | | 5.0 | 0.35 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Ethylbenzene | <0.33 | | 2.0 | 0.33 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Hexachlorobutadiene | <0.80 | | 2.0 | 0.80 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Hexane | <0.33 | | 8.0 | 0.33 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Isopropyl alcohol | <2.8 * | | 50 | 2.8 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Isopropylbenzene | <0.42 | | 8.0 | 0.42 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Methyl tert-butyl ether | <1.3 | | 10 | 1.3 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Methylene Chloride | <9.7 | | 10 | 9.7 | ppb v/v | | | 11/23/20 16:46 | 1 |
| m-Xylene & p-Xylene | <0.73 | | 8.0 | 0.73 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Naphthalene | <1.9 | | 5.0 | 1.9 | ppb v/v | | | 11/23/20 16:46 | 1 |
| o-Xylene | <0.38 | | 2.0 | 0.38 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Styrene | <0.60 | | 2.0 | 0.60 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Tetrachloroethene | 0.45 J | | 2.0 | 0.17 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Tetrahydrofuran | <0.42 | | 50 | 0.42 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Toluene | <2.0 | | 2.0 | 2.0 | ppb v/v | | | 11/23/20 16:46 | 1 |
| trans-1,2-Dichloroethene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 16:46 | 1 |
| trans-1,3-Dichloropropene | <0.21 | | 2.0 | 0.21 | ppb v/v | | | 11/23/20 16:46 | 1 |

Eurofins TestAmerica, Knoxville

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

Date Collected: 11/17/20 16:00

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|-------------|-----------|-----|------|---------|---|----------|----------------|---------|
| Trichloroethene | <0.15 | | 2.0 | 0.15 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Trichlorofluoromethane | 0.22 | J | 2.0 | 0.18 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Vinyl acetate | <0.71 | | 50 | 0.71 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Vinyl bromide | <0.50 | | 2.0 | 0.50 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Vinyl chloride | <0.66 | | 2.0 | 0.66 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Xylenes, Total | <0.61 | | 4.0 | 0.61 | ppb v/v | | | 11/23/20 16:46 | 1 |
| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| 1,1,1-Trichloroethane | <2.7 | | 11 | 2.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,1,1,2-Tetrachloroethane | <2.5 | | 14 | 2.5 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <1.6 | | 15 | 1.6 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,1,2-Trichloroethane | <0.98 | | 11 | 0.98 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,1-Dichloroethane | <0.73 | | 8.1 | 0.73 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,1-Dichloroethene | <0.79 | | 7.9 | 0.79 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2,4-Trichlorobenzene | <12 | | 150 | 12 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2,4-Trimethylbenzene | <2.5 | | 9.8 | 2.5 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2-Dibromoethane (EDB) | <1.3 | | 15 | 1.3 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <2.2 | | 14 | 2.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2-Dichlorobenzene | <4.6 | | 12 | 4.6 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloroethane | <1.0 | | 8.1 | 1.0 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,2-Dichloropropane | <1.2 | | 9.2 | 1.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,3,5-Trimethylbenzene | <2.7 | | 9.8 | 2.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,3-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,4-Dichlorobenzene | <2.4 | | 12 | 2.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 1,4-Dioxane | <2.7 | | 180 | 2.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 2-Butanone (MEK) | <5.4 | | 29 | 5.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <5.5 | | 20 | 5.5 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Acetone | <34 | | 120 | 34 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Benzene | <0.61 | | 6.4 | 0.61 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Benzyl chloride | <4.9 | | 41 | 4.9 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Bromodichloromethane | <2.9 | | 13 | 2.9 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Bromoform | <2.3 | | 21 | 2.3 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Bromomethane | <2.2 | | 7.8 | 2.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Carbon disulfide | <0.87 | | 16 | 0.87 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Carbon tetrachloride | <1.1 | | 13 | 1.1 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Chlorobenzene | <0.74 | | 9.2 | 0.74 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Chloroethane | <1.9 | | 21 | 1.9 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Chloroform | <0.78 | | 9.8 | 0.78 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Chloromethane | <3.4 | | 10 | 3.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| cis-1,2-Dichloroethene | <0.99 | | 7.9 | 0.99 | ug/m3 | | | 11/23/20 16:46 | 1 |
| cis-1,3-Dichloropropene | <1.8 | | 9.1 | 1.8 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Cyclohexane | <2.0 | | 17 | 2.0 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Dibromochloromethane | <1.4 | | 17 | 1.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Dichlorodifluoromethane | 3.3 | J | 25 | 1.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Ethylbenzene | <1.4 | | 8.7 | 1.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Hexachlorobutadiene | <8.5 | | 21 | 8.5 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Hexane | <1.2 | | 28 | 1.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Isopropyl alcohol | <6.9 | * | 120 | 6.9 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Isopropylbenzene | <2.1 | | 39 | 2.1 | ug/m3 | | | 11/23/20 16:46 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

Date Collected: 11/17/20 16:00

Matrix: Air

Date Received: 11/20/20 09:00

Sample Container: Summa Canister 6L

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|-----|------|-------|---|----------|----------------|---------|
| Methyl tert-butyl ether | <4.7 | | 36 | 4.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Methylene Chloride | <34 | | 35 | 34 | ug/m3 | | | 11/23/20 16:46 | 1 |
| m-Xylene & p-Xylene | <3.2 | | 35 | 3.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Naphthalene | <10 | | 26 | 10 | ug/m3 | | | 11/23/20 16:46 | 1 |
| o-Xylene | <1.7 | | 8.7 | 1.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Styrene | <2.6 | | 8.5 | 2.6 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Tetrachloroethene | 3.1 | J | 14 | 1.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Tetrahydrofuran | <1.2 | | 150 | 1.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Toluene | <7.4 | | 7.5 | 7.4 | ug/m3 | | | 11/23/20 16:46 | 1 |
| trans-1,2-Dichloroethene | <0.63 | | 7.9 | 0.63 | ug/m3 | | | 11/23/20 16:46 | 1 |
| trans-1,3-Dichloropropene | <0.95 | | 9.1 | 0.95 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Trichloroethene | <0.81 | | 11 | 0.81 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Trichlorofluoromethane | 1.2 | J | 11 | 1.0 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Vinyl acetate | <2.5 | | 180 | 2.5 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Vinyl bromide | <2.2 | | 8.7 | 2.2 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Vinyl chloride | <1.7 | | 5.1 | 1.7 | ug/m3 | | | 11/23/20 16:46 | 1 |
| Xylenes, Total | <2.6 | | 17 | 2.6 | ug/m3 | | | 11/23/20 16:46 | 1 |

Default Detection Limits

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | RL | MDL | Units |
|--|------|-------|---------|
| 1,1,1-Trichloroethane | 0.20 | 0.049 | ppb v/v |
| 1,1,1-Trichloroethane | 1.1 | 0.27 | ug/m3 |
| 1,1,2,2-Tetrachloroethane | 0.20 | 0.036 | ppb v/v |
| 1,1,2,2-Tetrachloroethane | 1.4 | 0.25 | ug/m3 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.20 | 0.021 | ppb v/v |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.5 | 0.16 | ug/m3 |
| 1,1,2-Trichloroethane | 0.20 | 0.018 | ppb v/v |
| 1,1,2-Trichloroethane | 1.1 | 0.098 | ug/m3 |
| 1,1-Dichloroethane | 0.20 | 0.018 | ppb v/v |
| 1,1-Dichloroethane | 0.81 | 0.073 | ug/m3 |
| 1,1-Dichloroethene | 0.20 | 0.020 | ppb v/v |
| 1,1-Dichloroethene | 0.79 | 0.079 | ug/m3 |
| 1,2,4-Trichlorobenzene | 2.0 | 0.16 | ppb v/v |
| 1,2,4-Trichlorobenzene | 15 | 1.2 | ug/m3 |
| 1,2,4-Trimethylbenzene | 0.20 | 0.051 | ppb v/v |
| 1,2,4-Trimethylbenzene | 0.98 | 0.25 | ug/m3 |
| 1,2-Dibromoethane (EDB) | 0.20 | 0.017 | ppb v/v |
| 1,2-Dibromoethane (EDB) | 1.5 | 0.13 | ug/m3 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 0.20 | 0.031 | ppb v/v |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 1.4 | 0.22 | ug/m3 |
| 1,2-Dichlorobenzene | 0.20 | 0.076 | ppb v/v |
| 1,2-Dichlorobenzene | 1.2 | 0.46 | ug/m3 |
| 1,2-Dichloroethane | 0.20 | 0.025 | ppb v/v |
| 1,2-Dichloroethane | 0.81 | 0.10 | ug/m3 |
| 1,2-Dichloropropane | 0.20 | 0.025 | ppb v/v |
| 1,2-Dichloropropane | 0.92 | 0.12 | ug/m3 |
| 1,3,5-Trimethylbenzene | 0.20 | 0.055 | ppb v/v |
| 1,3,5-Trimethylbenzene | 0.98 | 0.27 | ug/m3 |
| 1,3-Dichlorobenzene | 0.20 | 0.040 | ppb v/v |
| 1,3-Dichlorobenzene | 1.2 | 0.24 | ug/m3 |
| 1,4-Dichlorobenzene | 0.20 | 0.040 | ppb v/v |
| 1,4-Dichlorobenzene | 1.2 | 0.24 | ug/m3 |
| 1,4-Dioxane | 5.0 | 0.075 | ppb v/v |
| 1,4-Dioxane | 18 | 0.27 | ug/m3 |
| 2-Butanone (MEK) | 1.0 | 0.18 | ppb v/v |
| 2-Butanone (MEK) | 2.9 | 0.54 | ug/m3 |
| 4-Methyl-2-pentanone (MIBK) | 0.50 | 0.14 | ppb v/v |
| 4-Methyl-2-pentanone (MIBK) | 2.0 | 0.55 | ug/m3 |
| Acetone | 5.0 | 1.4 | ppb v/v |
| Acetone | 12 | 3.4 | ug/m3 |
| Benzene | 0.20 | 0.019 | ppb v/v |
| Benzene | 0.64 | 0.061 | ug/m3 |
| Benzyl chloride | 0.80 | 0.095 | ppb v/v |
| Benzyl chloride | 4.1 | 0.49 | ug/m3 |
| Bromodichloromethane | 0.20 | 0.044 | ppb v/v |
| Bromodichloromethane | 1.3 | 0.29 | ug/m3 |
| Bromoform | 0.20 | 0.022 | ppb v/v |
| Bromoform | 2.1 | 0.23 | ug/m3 |
| Bromomethane | 0.20 | 0.056 | ppb v/v |
| Bromomethane | 0.78 | 0.22 | ug/m3 |
| Carbon disulfide | 0.50 | 0.028 | ppb v/v |
| Carbon disulfide | 1.6 | 0.087 | ug/m3 |
| Carbon tetrachloride | 0.20 | 0.018 | ppb v/v |

Eurofins TestAmerica, Knoxville

Default Detection Limits

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | RL | MDL | Units |
|---------------------------|------|-------|---------|
| Carbon tetrachloride | 1.3 | 0.11 | ug/m3 |
| Chlorobenzene | 0.20 | 0.016 | ppb v/v |
| Chlorobenzene | 0.92 | 0.074 | ug/m3 |
| Chloroethane | 0.80 | 0.072 | ppb v/v |
| Chloroethane | 2.1 | 0.19 | ug/m3 |
| Chloroform | 0.20 | 0.016 | ppb v/v |
| Chloroform | 0.98 | 0.078 | ug/m3 |
| Chloromethane | 0.50 | 0.17 | ppb v/v |
| Chloromethane | 1.0 | 0.34 | ug/m3 |
| cis-1,2-Dichloroethene | 0.20 | 0.025 | ppb v/v |
| cis-1,2-Dichloroethene | 0.79 | 0.099 | ug/m3 |
| cis-1,3-Dichloropropene | 0.20 | 0.039 | ppb v/v |
| cis-1,3-Dichloropropene | 0.91 | 0.18 | ug/m3 |
| Cyclohexane | 0.50 | 0.059 | ppb v/v |
| Cyclohexane | 1.7 | 0.20 | ug/m3 |
| Dibromochloromethane | 0.20 | 0.017 | ppb v/v |
| Dibromochloromethane | 1.7 | 0.14 | ug/m3 |
| Dichlorodifluoromethane | 0.50 | 0.035 | ppb v/v |
| Dichlorodifluoromethane | 2.5 | 0.17 | ug/m3 |
| Ethylbenzene | 0.20 | 0.033 | ppb v/v |
| Ethylbenzene | 0.87 | 0.14 | ug/m3 |
| Hexachlorobutadiene | 0.20 | 0.080 | ppb v/v |
| Hexachlorobutadiene | 2.1 | 0.85 | ug/m3 |
| Hexane | 0.80 | 0.033 | ppb v/v |
| Hexane | 2.8 | 0.12 | ug/m3 |
| Isopropyl alcohol | 5.0 | 0.28 | ppb v/v |
| Isopropyl alcohol | 12 | 0.69 | ug/m3 |
| Isopropylbenzene | 0.80 | 0.042 | ppb v/v |
| Isopropylbenzene | 3.9 | 0.21 | ug/m3 |
| Methyl tert-butyl ether | 1.0 | 0.13 | ppb v/v |
| Methyl tert-butyl ether | 3.6 | 0.47 | ug/m3 |
| Methylene Chloride | 1.0 | 0.97 | ppb v/v |
| Methylene Chloride | 3.5 | 3.4 | ug/m3 |
| m-Xylene & p-Xylene | 0.80 | 0.073 | ppb v/v |
| m-Xylene & p-Xylene | 3.5 | 0.32 | ug/m3 |
| Naphthalene | 0.50 | 0.19 | ppb v/v |
| Naphthalene | 2.6 | 1.0 | ug/m3 |
| o-Xylene | 0.20 | 0.038 | ppb v/v |
| o-Xylene | 0.87 | 0.17 | ug/m3 |
| Styrene | 0.20 | 0.060 | ppb v/v |
| Styrene | 0.85 | 0.26 | ug/m3 |
| Tetrachloroethene | 0.20 | 0.017 | ppb v/v |
| Tetrachloroethene | 1.4 | 0.12 | ug/m3 |
| Tetrahydrofuran | 5.0 | 0.042 | ppb v/v |
| Tetrahydrofuran | 15 | 0.12 | ug/m3 |
| Toluene | 0.20 | 0.20 | ppb v/v |
| Toluene | 0.75 | 0.74 | ug/m3 |
| trans-1,2-Dichloroethene | 0.20 | 0.016 | ppb v/v |
| trans-1,2-Dichloroethene | 0.79 | 0.063 | ug/m3 |
| trans-1,3-Dichloropropene | 0.20 | 0.021 | ppb v/v |
| trans-1,3-Dichloropropene | 0.91 | 0.095 | ug/m3 |
| Trichloroethene | 0.20 | 0.015 | ppb v/v |
| Trichloroethene | 1.1 | 0.081 | ug/m3 |

Eurofins TestAmerica, Knoxville

Default Detection Limits

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | RL | MDL | Units |
|------------------------|------|-------|---------|
| Trichlorofluoromethane | 0.20 | 0.018 | ppb v/v |
| Trichlorofluoromethane | 1.1 | 0.10 | ug/m3 |
| Vinyl acetate | 5.0 | 0.071 | ppb v/v |
| Vinyl acetate | 18 | 0.25 | ug/m3 |
| Vinyl bromide | 0.20 | 0.050 | ppb v/v |
| Vinyl bromide | 0.87 | 0.22 | ug/m3 |
| Vinyl chloride | 0.20 | 0.066 | ppb v/v |
| Vinyl chloride | 0.51 | 0.17 | ug/m3 |
| Xylenes, Total | 0.40 | 0.061 | ppb v/v |
| Xylenes, Total | 1.7 | 0.26 | ug/m3 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 140-44664/5
Matrix: Air
Analysis Batch: 44664

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1-Trichloroethane | <0.049 | | 0.20 | 0.049 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.036 | | 0.20 | 0.036 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.021 | | 0.20 | 0.021 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,1,2-Trichloroethane | <0.018 | | 0.20 | 0.018 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,1-Dichloroethane | <0.018 | | 0.20 | 0.018 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,1-Dichloroethene | <0.020 | | 0.20 | 0.020 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2,4-Trichlorobenzene | <0.16 | | 2.0 | 0.16 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2,4-Trimethylbenzene | <0.051 | | 0.20 | 0.051 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2-Dibromoethane (EDB) | <0.017 | | 0.20 | 0.017 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.031 | | 0.20 | 0.031 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2-Dichlorobenzene | <0.076 | | 0.20 | 0.076 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloroethane | <0.025 | | 0.20 | 0.025 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloropropane | <0.025 | | 0.20 | 0.025 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,3,5-Trimethylbenzene | <0.055 | | 0.20 | 0.055 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,3-Dichlorobenzene | <0.040 | | 0.20 | 0.040 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,4-Dichlorobenzene | <0.040 | | 0.20 | 0.040 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 1,4-Dioxane | <0.075 | | 5.0 | 0.075 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 2-Butanone (MEK) | <0.18 | | 1.0 | 0.18 | ppb v/v | | | 11/23/20 10:39 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <0.14 | | 0.50 | 0.14 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Acetone | <1.4 | | 5.0 | 1.4 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Benzene | <0.019 | | 0.20 | 0.019 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Benzyl chloride | <0.095 | | 0.80 | 0.095 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Bromodichloromethane | <0.044 | | 0.20 | 0.044 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Bromoform | <0.022 | | 0.20 | 0.022 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Bromomethane | <0.056 | | 0.20 | 0.056 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Carbon disulfide | <0.028 | | 0.50 | 0.028 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Carbon tetrachloride | <0.018 | | 0.20 | 0.018 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Chlorobenzene | <0.016 | | 0.20 | 0.016 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Chloroethane | <0.072 | | 0.80 | 0.072 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Chloroform | <0.016 | | 0.20 | 0.016 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Chloromethane | <0.17 | | 0.50 | 0.17 | ppb v/v | | | 11/23/20 10:39 | 1 |
| cis-1,2-Dichloroethene | <0.025 | | 0.20 | 0.025 | ppb v/v | | | 11/23/20 10:39 | 1 |
| cis-1,3-Dichloropropene | <0.039 | | 0.20 | 0.039 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Cyclohexane | <0.059 | | 0.50 | 0.059 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Dibromochloromethane | <0.017 | | 0.20 | 0.017 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Dichlorodifluoromethane | <0.035 | | 0.50 | 0.035 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Ethylbenzene | <0.033 | | 0.20 | 0.033 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Hexachlorobutadiene | <0.080 | | 0.20 | 0.080 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Hexane | <0.033 | | 0.80 | 0.033 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Isopropyl alcohol | <0.28 | | 5.0 | 0.28 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Isopropylbenzene | <0.042 | | 0.80 | 0.042 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Methyl tert-butyl ether | <0.13 | | 1.0 | 0.13 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Methylene Chloride | <0.97 | | 1.0 | 0.97 | ppb v/v | | | 11/23/20 10:39 | 1 |
| m-Xylene & p-Xylene | <0.073 | | 0.80 | 0.073 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Naphthalene | <0.19 | | 0.50 | 0.19 | ppb v/v | | | 11/23/20 10:39 | 1 |
| o-Xylene | <0.038 | | 0.20 | 0.038 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Styrene | <0.060 | | 0.20 | 0.060 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Tetrachloroethene | <0.017 | | 0.20 | 0.017 | ppb v/v | | | 11/23/20 10:39 | 1 |

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-44664/5
Matrix: Air
Analysis Batch: 44664

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|--------|-----------|------|-------|---------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Tetrahydrofuran | <0.042 | | 5.0 | 0.042 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Toluene | <0.20 | | 0.20 | 0.20 | ppb v/v | | | 11/23/20 10:39 | 1 |
| trans-1,2-Dichloroethene | <0.016 | | 0.20 | 0.016 | ppb v/v | | | 11/23/20 10:39 | 1 |
| trans-1,3-Dichloropropene | <0.021 | | 0.20 | 0.021 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Trichloroethene | <0.015 | | 0.20 | 0.015 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Trichlorofluoromethane | <0.018 | | 0.20 | 0.018 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Vinyl acetate | <0.071 | | 5.0 | 0.071 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Vinyl bromide | <0.050 | | 0.20 | 0.050 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Vinyl chloride | <0.066 | | 0.20 | 0.066 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Xylenes, Total | <0.061 | | 0.40 | 0.061 | ppb v/v | | | 11/23/20 10:39 | 1 |
| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
| | Result | Qualifier | | | | | | | |
| 1,1,1-Trichloroethane | <0.27 | | 1.1 | 0.27 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.25 | | 1.4 | 0.25 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | <0.16 | | 1.5 | 0.16 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,1,2-Trichloroethane | <0.098 | | 1.1 | 0.098 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,1-Dichloroethane | <0.073 | | 0.81 | 0.073 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,1-Dichloroethene | <0.079 | | 0.79 | 0.079 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2,4-Trichlorobenzene | <1.2 | | 15 | 1.2 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2,4-Trimethylbenzene | <0.25 | | 0.98 | 0.25 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2-Dibromoethane (EDB) | <0.13 | | 1.5 | 0.13 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | <0.22 | | 1.4 | 0.22 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2-Dichlorobenzene | <0.46 | | 1.2 | 0.46 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloroethane | <0.10 | | 0.81 | 0.10 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,2-Dichloropropane | <0.12 | | 0.92 | 0.12 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,3,5-Trimethylbenzene | <0.27 | | 0.98 | 0.27 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,3-Dichlorobenzene | <0.24 | | 1.2 | 0.24 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,4-Dichlorobenzene | <0.24 | | 1.2 | 0.24 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 1,4-Dioxane | <0.27 | | 18 | 0.27 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 2-Butanone (MEK) | <0.54 | | 2.9 | 0.54 | ug/m3 | | | 11/23/20 10:39 | 1 |
| 4-Methyl-2-pentanone (MIBK) | <0.55 | | 2.0 | 0.55 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Acetone | <3.4 | | 12 | 3.4 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Benzene | <0.061 | | 0.64 | 0.061 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Benzyl chloride | <0.49 | | 4.1 | 0.49 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Bromodichloromethane | <0.29 | | 1.3 | 0.29 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Bromoform | <0.23 | | 2.1 | 0.23 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Bromomethane | <0.22 | | 0.78 | 0.22 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Carbon disulfide | <0.087 | | 1.6 | 0.087 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Carbon tetrachloride | <0.11 | | 1.3 | 0.11 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Chlorobenzene | <0.074 | | 0.92 | 0.074 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Chloroethane | <0.19 | | 2.1 | 0.19 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Chloroform | <0.078 | | 0.98 | 0.078 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Chloromethane | <0.34 | | 1.0 | 0.34 | ug/m3 | | | 11/23/20 10:39 | 1 |
| cis-1,2-Dichloroethene | <0.099 | | 0.79 | 0.099 | ug/m3 | | | 11/23/20 10:39 | 1 |
| cis-1,3-Dichloropropene | <0.18 | | 0.91 | 0.18 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Cyclohexane | <0.20 | | 1.7 | 0.20 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Dibromochloromethane | <0.14 | | 1.7 | 0.14 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Dichlorodifluoromethane | <0.17 | | 2.5 | 0.17 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Ethylbenzene | <0.14 | | 0.87 | 0.14 | ug/m3 | | | 11/23/20 10:39 | 1 |

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 140-44664/5
Matrix: Air
Analysis Batch: 44664

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|-------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Hexachlorobutadiene | <0.85 | | 2.1 | 0.85 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Hexane | <0.12 | | 2.8 | 0.12 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Isopropyl alcohol | <0.69 | | 12 | 0.69 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Isopropylbenzene | <0.21 | | 3.9 | 0.21 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Methyl tert-butyl ether | <0.47 | | 3.6 | 0.47 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Methylene Chloride | <3.4 | | 3.5 | 3.4 | ug/m3 | | | 11/23/20 10:39 | 1 |
| m-Xylene & p-Xylene | <0.32 | | 3.5 | 0.32 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Naphthalene | <1.0 | | 2.6 | 1.0 | ug/m3 | | | 11/23/20 10:39 | 1 |
| o-Xylene | <0.17 | | 0.87 | 0.17 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Styrene | <0.26 | | 0.85 | 0.26 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Tetrachloroethene | <0.12 | | 1.4 | 0.12 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Tetrahydrofuran | <0.12 | | 15 | 0.12 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Toluene | <0.74 | | 0.75 | 0.74 | ug/m3 | | | 11/23/20 10:39 | 1 |
| trans-1,2-Dichloroethene | <0.063 | | 0.79 | 0.063 | ug/m3 | | | 11/23/20 10:39 | 1 |
| trans-1,3-Dichloropropene | <0.095 | | 0.91 | 0.095 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Trichloroethene | <0.081 | | 1.1 | 0.081 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Trichlorofluoromethane | <0.10 | | 1.1 | 0.10 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Vinyl acetate | <0.25 | | 18 | 0.25 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Vinyl bromide | <0.22 | | 0.87 | 0.22 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Vinyl chloride | <0.17 | | 0.51 | 0.17 | ug/m3 | | | 11/23/20 10:39 | 1 |
| Xylenes, Total | <0.26 | | 1.7 | 0.26 | ug/m3 | | | 11/23/20 10:39 | 1 |

Lab Sample ID: LCS 140-44664/1002
Matrix: Air
Analysis Batch: 44664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec. Limits |
|--|-------------|--------|-----------|---------|---|------|--------------|
| | | Result | Qualifier | | | | |
| 1,1,1-Trichloroethane | 2.00 | 2.17 | | ppb v/v | | 109 | 70 - 130 |
| 1,1,2,2-Tetrachloroethane | 2.00 | 2.21 | | ppb v/v | | 110 | 70 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 2.00 | 2.30 | | ppb v/v | | 115 | 70 - 130 |
| 1,1,2-Trichloroethane | 2.00 | 2.14 | | ppb v/v | | 107 | 70 - 130 |
| 1,1-Dichloroethane | 2.00 | 2.16 | | ppb v/v | | 108 | 70 - 130 |
| 1,1-Dichloroethene | 2.00 | 2.22 | | ppb v/v | | 111 | 70 - 130 |
| 1,2,4-Trichlorobenzene | 2.00 | 1.88 | | ppb v/v | | 94 | 60 - 140 |
| 1,2,4-Trimethylbenzene | 2.00 | 2.09 | | ppb v/v | | 104 | 70 - 130 |
| 1,2-Dibromoethane (EDB) | 2.00 | 2.21 | | ppb v/v | | 110 | 70 - 130 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 2.00 | 2.23 | | ppb v/v | | 111 | 60 - 140 |
| 1,2-Dichlorobenzene | 2.00 | 2.00 | | ppb v/v | | 100 | 70 - 130 |
| 1,2-Dichloroethane | 2.00 | 2.20 | | ppb v/v | | 110 | 70 - 130 |
| 1,2-Dichloropropane | 2.00 | 2.23 | | ppb v/v | | 111 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 2.00 | 2.41 | | ppb v/v | | 121 | 70 - 130 |
| 1,3-Dichlorobenzene | 2.00 | 2.07 | | ppb v/v | | 103 | 70 - 130 |
| 1,4-Dichlorobenzene | 2.00 | 1.94 | | ppb v/v | | 97 | 70 - 130 |
| 1,4-Dioxane | 2.00 | 1.98 | J | ppb v/v | | 99 | 60 - 140 |
| 2-Butanone (MEK) | 2.00 | 2.23 | | ppb v/v | | 112 | 60 - 140 |
| 4-Methyl-2-pentanone (MIBK) | 2.00 | 2.45 | | ppb v/v | | 123 | 60 - 140 |
| Acetone | 2.00 | 2.40 | | ppb v/v | | 120 | 60 - 140 |

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-44664/1002
Matrix: Air
Analysis Batch: 44664

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------------------|-------------|------------|---------------|---------|---|------|--------------|
| Benzene | 2.00 | 2.26 | | ppb v/v | | 113 | 70 - 130 |
| Benzyl chloride | 2.00 | 2.12 | | ppb v/v | | 106 | 70 - 130 |
| Bromodichloromethane | 2.00 | 2.26 | | ppb v/v | | 113 | 70 - 130 |
| Bromoform | 2.00 | 2.36 | | ppb v/v | | 118 | 60 - 140 |
| Bromomethane | 2.00 | 2.16 | | ppb v/v | | 108 | 70 - 130 |
| Carbon disulfide | 2.00 | 2.29 | | ppb v/v | | 114 | 70 - 130 |
| Carbon tetrachloride | 2.00 | 2.42 | | ppb v/v | | 121 | 70 - 130 |
| Chlorobenzene | 2.00 | 2.06 | | ppb v/v | | 103 | 70 - 130 |
| Chloroethane | 2.00 | 2.36 | | ppb v/v | | 118 | 70 - 130 |
| Chloroform | 2.00 | 2.25 | | ppb v/v | | 112 | 70 - 130 |
| Chloromethane | 2.00 | 2.36 | | ppb v/v | | 118 | 60 - 140 |
| cis-1,2-Dichloroethene | 2.00 | 2.23 | | ppb v/v | | 112 | 70 - 130 |
| cis-1,3-Dichloropropene | 2.00 | 2.30 | | ppb v/v | | 115 | 70 - 130 |
| Cyclohexane | 2.00 | 2.26 | | ppb v/v | | 113 | 70 - 130 |
| Dibromochloromethane | 2.00 | 2.31 | | ppb v/v | | 116 | 70 - 130 |
| Dichlorodifluoromethane | 2.00 | 2.78 | | ppb v/v | | 139 | 60 - 140 |
| Ethylbenzene | 2.00 | 2.14 | | ppb v/v | | 107 | 70 - 130 |
| Hexachlorobutadiene | 2.00 | 1.67 | | ppb v/v | | 84 | 60 - 140 |
| Hexane | 2.00 | 2.34 | | ppb v/v | | 117 | 70 - 130 |
| Isopropyl alcohol | 2.00 | 2.82 * | | ppb v/v | | 141 | 60 - 140 |
| Isopropylbenzene | 2.00 | 2.16 | | ppb v/v | | 108 | 70 - 130 |
| Methyl tert-butyl ether | 2.00 | 2.17 | | ppb v/v | | 109 | 60 - 140 |
| Methylene Chloride | 2.00 | 2.35 | | ppb v/v | | 117 | 70 - 130 |
| m-Xylene & p-Xylene | 4.00 | 4.36 | | ppb v/v | | 109 | 70 - 130 |
| Naphthalene | 2.00 | 1.90 | | ppb v/v | | 95 | 60 - 140 |
| o-Xylene | 2.00 | 2.06 | | ppb v/v | | 103 | 70 - 130 |
| Styrene | 2.00 | 2.41 | | ppb v/v | | 120 | 70 - 130 |
| Tetrachloroethene | 2.00 | 2.02 | | ppb v/v | | 101 | 70 - 130 |
| Tetrahydrofuran | 2.00 | 2.37 | | ppb v/v | | 118 | 60 - 140 |
| Toluene | 2.00 | 2.23 | | ppb v/v | | 111 | 70 - 130 |
| trans-1,2-Dichloroethene | 2.00 | 2.17 | | ppb v/v | | 109 | 70 - 130 |
| trans-1,3-Dichloropropene | 2.00 | 2.31 | | ppb v/v | | 115 | 70 - 130 |
| Trichloroethene | 2.00 | 2.18 | | ppb v/v | | 109 | 70 - 130 |
| Trichlorofluoromethane | 2.00 | 2.28 | | ppb v/v | | 114 | 60 - 140 |
| Vinyl acetate | 2.00 | 2.55 | | ppb v/v | | 128 | 60 - 140 |
| Vinyl bromide | 2.00 | 2.30 | | ppb v/v | | 115 | 60 - 140 |
| Vinyl chloride | 2.00 | 2.35 | | ppb v/v | | 118 | 70 - 130 |
| Xylenes, Total | 6.00 | 6.42 | | ppb v/v | | 107 | 70 - 130 |
| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
| 1,1,1-Trichloroethane | 11 | 11.8 | | ug/m3 | | 109 | 70 - 130 |
| 1,1,2,2-Tetrachloroethane | 14 | 15.1 | | ug/m3 | | 110 | 70 - 130 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 15 | 17.6 | | ug/m3 | | 115 | 70 - 130 |
| 1,1,2-Trichloroethane | 11 | 11.7 | | ug/m3 | | 107 | 70 - 130 |
| 1,1-Dichloroethane | 8.1 | 8.75 | | ug/m3 | | 108 | 70 - 130 |
| 1,1-Dichloroethene | 7.9 | 8.79 | | ug/m3 | | 111 | 70 - 130 |
| 1,2,4-Trichlorobenzene | 15 | 14.0 | | ug/m3 | | 94 | 60 - 140 |
| 1,2,4-Trimethylbenzene | 9.8 | 10.3 | | ug/m3 | | 104 | 70 - 130 |

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-44664/1002

Client Sample ID: Lab Control Sample

Matrix: Air

Prep Type: Total/NA

Analysis Batch: 44664

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|--|-------------|------------|---------------|-------|---|------|--------------|
| 1,2-Dibromoethane (EDB) | 15 | 17.0 | | ug/m3 | | 110 | 70 - 130 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 14 | 15.6 | | ug/m3 | | 111 | 60 - 140 |
| 1,2-Dichlorobenzene | 12 | 12.0 | | ug/m3 | | 100 | 70 - 130 |
| 1,2-Dichloroethane | 8.1 | 8.90 | | ug/m3 | | 110 | 70 - 130 |
| 1,2-Dichloropropane | 9.2 | 10.3 | | ug/m3 | | 111 | 70 - 130 |
| 1,3,5-Trimethylbenzene | 9.8 | 11.9 | | ug/m3 | | 121 | 70 - 130 |
| 1,3-Dichlorobenzene | 12 | 12.4 | | ug/m3 | | 103 | 70 - 130 |
| 1,4-Dichlorobenzene | 12 | 11.7 | | ug/m3 | | 97 | 70 - 130 |
| 1,4-Dioxane | 7.2 | 7.14 | J | ug/m3 | | 99 | 60 - 140 |
| 2-Butanone (MEK) | 5.9 | 6.59 | | ug/m3 | | 112 | 60 - 140 |
| 4-Methyl-2-pentanone (MIBK) | 8.2 | 10.0 | | ug/m3 | | 123 | 60 - 140 |
| Acetone | 4.8 | 5.71 | | ug/m3 | | 120 | 60 - 140 |
| Benzene | 6.4 | 7.23 | | ug/m3 | | 113 | 70 - 130 |
| Benzyl chloride | 10 | 11.0 | | ug/m3 | | 106 | 70 - 130 |
| Bromodichloromethane | 13 | 15.2 | | ug/m3 | | 113 | 70 - 130 |
| Bromoform | 21 | 24.4 | | ug/m3 | | 118 | 60 - 140 |
| Bromomethane | 7.8 | 8.40 | | ug/m3 | | 108 | 70 - 130 |
| Carbon disulfide | 6.2 | 7.13 | | ug/m3 | | 114 | 70 - 130 |
| Carbon tetrachloride | 13 | 15.2 | | ug/m3 | | 121 | 70 - 130 |
| Chlorobenzene | 9.2 | 9.49 | | ug/m3 | | 103 | 70 - 130 |
| Chloroethane | 5.3 | 6.24 | | ug/m3 | | 118 | 70 - 130 |
| Chloroform | 9.8 | 11.0 | | ug/m3 | | 112 | 70 - 130 |
| Chloromethane | 4.1 | 4.87 | | ug/m3 | | 118 | 60 - 140 |
| cis-1,2-Dichloroethene | 7.9 | 8.84 | | ug/m3 | | 112 | 70 - 130 |
| cis-1,3-Dichloropropene | 9.1 | 10.4 | | ug/m3 | | 115 | 70 - 130 |
| Cyclohexane | 6.9 | 7.77 | | ug/m3 | | 113 | 70 - 130 |
| Dibromochloromethane | 17 | 19.7 | | ug/m3 | | 116 | 70 - 130 |
| Dichlorodifluoromethane | 9.9 | 13.7 | | ug/m3 | | 139 | 60 - 140 |
| Ethylbenzene | 8.7 | 9.28 | | ug/m3 | | 107 | 70 - 130 |
| Hexachlorobutadiene | 21 | 17.9 | | ug/m3 | | 84 | 60 - 140 |
| Hexane | 7.0 | 8.23 | | ug/m3 | | 117 | 70 - 130 |
| Isopropyl alcohol | 4.9 | 6.93 | * | ug/m3 | | 141 | 60 - 140 |
| Isopropylbenzene | 9.8 | 10.6 | | ug/m3 | | 108 | 70 - 130 |
| Methyl tert-butyl ether | 7.2 | 7.82 | | ug/m3 | | 109 | 60 - 140 |
| Methylene Chloride | 6.9 | 8.16 | | ug/m3 | | 117 | 70 - 130 |
| m-Xylene & p-Xylene | 17 | 18.9 | | ug/m3 | | 109 | 70 - 130 |
| Naphthalene | 10 | 9.94 | | ug/m3 | | 95 | 60 - 140 |
| o-Xylene | 8.7 | 8.94 | | ug/m3 | | 103 | 70 - 130 |
| Styrene | 8.5 | 10.3 | | ug/m3 | | 120 | 70 - 130 |
| Tetrachloroethene | 14 | 13.7 | | ug/m3 | | 101 | 70 - 130 |
| Tetrahydrofuran | 5.9 | 6.99 | | ug/m3 | | 118 | 60 - 140 |
| Toluene | 7.5 | 8.39 | | ug/m3 | | 111 | 70 - 130 |
| trans-1,2-Dichloroethene | 7.9 | 8.61 | | ug/m3 | | 109 | 70 - 130 |
| trans-1,3-Dichloropropene | 9.1 | 10.5 | | ug/m3 | | 115 | 70 - 130 |
| Trichloroethene | 11 | 11.7 | | ug/m3 | | 109 | 70 - 130 |
| Trichlorofluoromethane | 11 | 12.8 | | ug/m3 | | 114 | 60 - 140 |
| Vinyl acetate | 7.0 | 8.98 | | ug/m3 | | 128 | 60 - 140 |
| Vinyl bromide | 8.7 | 10.1 | | ug/m3 | | 115 | 60 - 140 |

Eurofins TestAmerica, Knoxville

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 140-44664/1002

Matrix: Air

Analysis Batch: 44664

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|----------------|-------------|------------|---------------|-------|---|------|--------------|
| Vinyl chloride | 5.1 | 6.02 | | ug/m3 | | 118 | 70 - 130 |
| Xylenes, Total | 26 | 27.9 | | ug/m3 | | 107 | 70 - 130 |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Air - GC/MS VOA

Analysis Batch: 44664

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 140-21080-1 | VP-6 | Total/NA | Air | TO-15 | |
| 140-21080-2 | VP-7 | Total/NA | Air | TO-15 | |
| 140-21080-3 | VP-2 | Total/NA | Air | TO-15 | |
| 140-21080-4 | VP-3 | Total/NA | Air | TO-15 | |
| 140-21080-5 | VP-1 | Total/NA | Air | TO-15 | |
| 140-21080-6 | VP-5 | Total/NA | Air | TO-15 | |
| MB 140-44664/5 | Method Blank | Total/NA | Air | TO-15 | |
| LCS 140-44664/1002 | Lab Control Sample | Total/NA | Air | TO-15 | |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: VP-6

Lab Sample ID: 140-21080-1

Date Collected: 11/17/20 09:37

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 12:50 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: VP-7

Lab Sample ID: 140-21080-2

Date Collected: 11/17/20 11:09

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 13:37 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: VP-2

Lab Sample ID: 140-21080-3

Date Collected: 11/17/20 12:10

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 14:24 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: VP-3

Lab Sample ID: 140-21080-4

Date Collected: 11/17/20 13:06

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 15:11 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: VP-1

Lab Sample ID: 140-21080-5

Date Collected: 11/17/20 15:06

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 15:59 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: VP-5

Lab Sample ID: 140-21080-6

Date Collected: 11/17/20 16:00

Matrix: Air

Date Received: 11/20/20 09:00

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 20 mL | 500 mL | 44664 | 11/23/20 16:46 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Client Sample ID: Method Blank

Lab Sample ID: MB 140-44664/5

Date Collected: N/A

Matrix: Air

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 200 mL | 500 mL | 44664 | 11/23/20 10:39 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Client Sample ID: Lab Control Sample

Lab Sample ID: LCS 140-44664/1002

Date Collected: N/A

Matrix: Air

Date Received: N/A

| Prep Type | Batch Type | Batch Method | Run | Dil Factor | Initial Amount | Final Amount | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-------------------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | TO-15 | | 1 | 500 mL | 500 mL | 44664 | 11/23/20 08:02 | S1K | TAL KNX |
| Instrument ID: MR | | | | | | | | | | |

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Laboratory: Eurofins TestAmerica, Knoxville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Wisconsin | State | 998044300 | 08-31-21 |

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|--|
| TO-15 | | Air | 1,1,1-Trichloroethane |
| TO-15 | | Air | 1,1,2,2-Tetrachloroethane |
| TO-15 | | Air | 1,1,2-Trichloro-1,2,2-trifluoroethane |
| TO-15 | | Air | 1,1,2-Trichloroethane |
| TO-15 | | Air | 1,1-Dichloroethane |
| TO-15 | | Air | 1,1-Dichloroethene |
| TO-15 | | Air | 1,2,4-Trichlorobenzene |
| TO-15 | | Air | 1,2,4-Trimethylbenzene |
| TO-15 | | Air | 1,2-Dibromoethane (EDB) |
| TO-15 | | Air | 1,2-Dichloro-1,1,2,2-tetrafluoroethane |
| TO-15 | | Air | 1,2-Dichlorobenzene |
| TO-15 | | Air | 1,2-Dichloroethane |
| TO-15 | | Air | 1,2-Dichloropropane |
| TO-15 | | Air | 1,3,5-Trimethylbenzene |
| TO-15 | | Air | 1,3-Dichlorobenzene |
| TO-15 | | Air | 1,4-Dichlorobenzene |
| TO-15 | | Air | 1,4-Dioxane |
| TO-15 | | Air | 2-Butanone (MEK) |
| TO-15 | | Air | 4-Methyl-2-pentanone (MIBK) |
| TO-15 | | Air | Acetone |
| TO-15 | | Air | Benzene |
| TO-15 | | Air | Benzyl chloride |
| TO-15 | | Air | Bromodichloromethane |
| TO-15 | | Air | Bromoform |
| TO-15 | | Air | Bromomethane |
| TO-15 | | Air | Carbon disulfide |
| TO-15 | | Air | Carbon tetrachloride |
| TO-15 | | Air | Chlorobenzene |
| TO-15 | | Air | Chloroethane |
| TO-15 | | Air | Chloroform |
| TO-15 | | Air | Chloromethane |
| TO-15 | | Air | cis-1,2-Dichloroethene |
| TO-15 | | Air | cis-1,3-Dichloropropene |
| TO-15 | | Air | Cyclohexane |
| TO-15 | | Air | Dibromochloromethane |
| TO-15 | | Air | Dichlorodifluoromethane |
| TO-15 | | Air | Ethylbenzene |
| TO-15 | | Air | Hexachlorobutadiene |
| TO-15 | | Air | Hexane |
| TO-15 | | Air | Isopropyl alcohol |
| TO-15 | | Air | Isopropylbenzene |
| TO-15 | | Air | Methyl tert-butyl ether |
| TO-15 | | Air | Methylene Chloride |
| TO-15 | | Air | m-Xylene & p-Xylene |
| TO-15 | | Air | Naphthalene |

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

Laboratory: Eurofins TestAmerica, Knoxville (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|---------------------------|-----------------|
| Wisconsin | State | 998044300 | 08-31-21 |
| TO-15 | Air | o-Xylene | |
| TO-15 | Air | Styrene | |
| TO-15 | Air | Tetrachloroethene | |
| TO-15 | Air | Tetrahydrofuran | |
| TO-15 | Air | Toluene | |
| TO-15 | Air | trans-1,2-Dichloroethene | |
| TO-15 | Air | trans-1,3-Dichloropropene | |
| TO-15 | Air | Trichloroethene | |
| TO-15 | Air | Trichlorofluoromethane | |
| TO-15 | Air | Vinyl acetate | |
| TO-15 | Air | Vinyl bromide | |
| TO-15 | Air | Vinyl chloride | |
| TO-15 | Air | Xylenes, Total | |

Method Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

| Method | Method Description | Protocol | Laboratory |
|--------|---|----------|------------|
| TO-15 | Volatile Organic Compounds in Ambient Air | EPA | TAL KNX |

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000



Sample Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 140-21080-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------------------------------|
| 140-21080-1 | VP-6 | Air | 11/17/20 09:37 | 11/20/20 09:00 | Air Canister (6-Liter) #11227 |
| 140-21080-2 | VP-7 | Air | 11/17/20 11:09 | 11/20/20 09:00 | Air Canister (6-Liter) #10102 |
| 140-21080-3 | VP-2 | Air | 11/17/20 12:10 | 11/20/20 09:00 | Air Canister (6-Liter) #34000030 |
| 140-21080-4 | VP-3 | Air | 11/17/20 13:06 | 11/20/20 09:00 | Air Canister (6-Liter) #11232 |
| 140-21080-5 | VP-1 | Air | 11/17/20 15:06 | 11/20/20 09:00 | Air Canister (6-Liter) #11562 |
| 140-21080-6 | VP-5 | Air | 11/17/20 16:00 | 11/20/20 09:00 | Air Canister (6-Liter) #10405 |

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Eurofins TestAmerica, Knoxville
5815 Middlebrook Pike

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.



140-21080 Chain of Custody

| Client Contact Information | | Client Project Manager: <i>Erin Gross</i> | | Samples Collected By: <i>EMG</i> | | TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica | | | | | | | | | | | | | | | | | |
|--|-----------------|---|-----------------|---------------------------------------|------------|---|----------------|--------------------------------|---------------------------------|--------------------------|--------|-------------------------|-------------|-----------|---|-------------|--------------------|----------|----------|-----------------------------|--------------|---|--|
| Company Name: <i>Stantec</i> | | Phone: <i>608 628 6278</i> | | Canister ID | | COC No: <i>1</i> of <i>1</i> COCs | | | | | | | | | | | | | | | | | |
| Address: <i>12075 Government Pkwy #100</i> | | Email: <i>erin.gross@stantec.com</i> | | Flow Controller ID | | TALS Project #: | | | | | | | | | | | | | | | | | |
| City/State/Zip: <i>Milwaukee, WI 53203</i> | | Site Contact: <i>Erin Gross</i> | | Canister Vacuum in Field, "Hg (Start) | | For Lab Use Only: | | | | | | | | | | | | | | | | | |
| Phone: <i>608 628 6278</i> | | Tel/Fax: <i>608 628 6278</i> | | Canister Vacuum in Field, "Hg (Stop) | | Walk-in Client: | | | | | | | | | | | | | | | | | |
| FAX: <i>608 628 6278</i> | | Analysis Turnaround Time | | Time Stop | | Lab Sampling: | | | | | | | | | | | | | | | | | |
| Project Name: <i>WB Brew</i> | | Standard (Specific): | | Sample End Date | | Job / SDG No.: | | | | | | | | | | | | | | | | | |
| Site/Location: <i>West Bend, WI</i> | | Rush (Specify): | | Time Start | | (See below for Add'l items) | | | | | | | | | | | | | | | | | |
| P.O.#: <i>193707897</i> | | Sample Identification | | Sample Start Date | | Sample Specific Notes: | | | | | | | | | | | | | | | | | |
| <i>VR-6</i> | <i>11/17/20</i> | <i>9:06</i> | <i>11/17/20</i> | <i>9:37</i> | <i>4.0</i> | <i>7994</i> | <i>11227</i> | <i>X</i> | TO-14/15 (Standard / Low Level) | TO-15 SIM | EPA 3C | EPA 25C | ASTM D-1946 | EPA 15/16 | Other (Please specify in notes section) | Sample Type | Indoor Ambient Air | Sub-Slab | Soil Gas | Soil Vapor Extraction (SVE) | Landfill Gas | Other (Please specify in notes section) | |
| <i>VR-7</i> | <i>11/17/20</i> | <i>10:34</i> | <i>11/17/20</i> | <i>11:09</i> | <i>4.0</i> | <i>10671</i> | <i>20848</i> | <i>X</i> | | | | | | | | | | | | | | | |
| <i>VR-2</i> | <i>11/17/20</i> | <i>11:44</i> | <i>11/17/20</i> | <i>12:10</i> | <i>3.0</i> | <i>11783</i> | <i>3400030</i> | <i>X</i> | | | | | | | | | | | | | | | |
| <i>VR-3</i> | <i>11/17/20</i> | <i>12:28</i> | <i>11/17/20</i> | <i>13:06</i> | <i>4.0</i> | <i>68860</i> | <i>11232</i> | <i>X</i> | | | | | | | | | | | | | | | |
| <i>VR-1</i> | <i>11/17/20</i> | <i>14:32</i> | <i>11/17/20</i> | <i>15:06</i> | <i>4.0</i> | <i>7455</i> | <i>11562</i> | <i>X</i> | | | | | | | | | | | | | | | |
| <i>VR-5</i> | <i>11/17/20</i> | <i>15:25</i> | <i>11/17/20</i> | <i>16:00</i> | <i>4.0</i> | <i>11103</i> | <i>10405</i> | <i>X</i> | | | | | | | | | | | | | | | |
| | | | | | | | | | | Temperature (Fahrenheit) | | 25.0 F | | | | | | | | | | | |
| | | | | | | | | | | | | Pressure (inches of Hg) | | 30.4 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| Special Instructions/QC Requirements & Comments: | | | | | | | | | | | | | | | | | | | | | | | |
| <i>Received cap ambient of boxes TK# 8161 12:28 874, Fedex 30 Sensitivity cap intact KW 11/20/20</i> | | | | | | | | | | | | | | | | | | | | | | | |
| Samples Shipped by: <i>Erin Gross</i> | | Date / Time: | | Canister ID | | Flow Controller ID | | Samples Received by: | | | | | | | | | | | | | | | |
| Samples Relinquished by: <i>Erin Gross</i> | | Date / Time: | | Canister ID | | Flow Controller ID | | Received by: <i>Erin Gross</i> | | <i>ETA 11/20/20 0900</i> | | | | | | | | | | | | | |
| Relinquished by: | | Date / Time: | | Canister ID | | Flow Controller ID | | Received by: | | <i>7 cans, 7 RR</i> | | | | | | | | | | | | | |
| Lab Use Only: | | Shipper Name: | | Opened by: | | Condition: | | | | | | | | | | | | | | | | | |



EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

| Review Items | Yes | No | NA | If No, what was the problem? | Comments/Actions Taken |
|--|-----|----|----|---|--|
| 1. Are the shipping containers intact? | / | | | <input type="checkbox"/> Containers, Broken | |
| 2. Were ambient air containers received intact? | | | / | <input checked="" type="checkbox"/> Checked in lab | |
| 3. The coolers/containers custody seal if present, is it intact? | / | | | <input type="checkbox"/> Yes <input type="checkbox"/> NA | |
| 4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID: _____ Correction factor: _____ | / | | / | <input type="checkbox"/> Cooler Out of Temp, Client Contacted, Proceed/Cancel <input type="checkbox"/> Cooler Out of Temp, Same Day Receipt | |
| 5. Were all of the sample containers received intact? | / | | | <input type="checkbox"/> Containers, Broken | |
| 6. Were samples received in appropriate containers? | / | | | <input type="checkbox"/> Containers, Improper; Client Contacted; Proceed/Cancel | |
| 7. Do sample container labels match COC? (IDs, Dates, Times) | / | | | <input type="checkbox"/> COC & Samples Do Not Match <input type="checkbox"/> COC Incorrect/Incomplete <input type="checkbox"/> COC Not Received | |
| 8. Were all of the samples listed on the COC received? | / | | | <input type="checkbox"/> Sample Received, Not on COC <input type="checkbox"/> Sample on COC, Not Received | |
| 9. Is the date/time of sample collection noted? | / | | | <input type="checkbox"/> COC; No Date/Time; Client Contacted | Labeling Verified by: _____ Date: _____ |
| 10. Was the sampler identified on the COC? | / | | | <input type="checkbox"/> Sampler Not Listed on COC | |
| 11. Is the client and project name/# identified? | / | | | <input type="checkbox"/> COC Incorrect/Incomplete | |
| 12. Are tests/parameters listed for each sample? | / | | | <input type="checkbox"/> COC No tests on COC | pH test strip lot number: _____ |
| 13. Is the matrix of the samples noted? | / | | | <input type="checkbox"/> COC Incorrect/Incomplete | |
| 14. Was COC relinquished? (Signed/Dated/Timed) | / | | | <input type="checkbox"/> COC Incorrect/Incomplete | Box 16A: pH Preservation Box 18A: Residual Chlorine |
| 15. Were samples received within holding time? | / | | | <input type="checkbox"/> Holding Time - Receipt | Preservative: _____ |
| 16. Were samples received with correct chemical preservative (excluding Encore)? | | | | <input type="checkbox"/> pH Adjusted, pH Included (See box 16A) <input type="checkbox"/> Incorrect Preservative | Lot Number: _____ Exp Date: _____ Analyst: _____ |
| 17. Were VOA samples received without headspace? | | | / | <input type="checkbox"/> Headspace (VOA only) | Date: _____ Time: _____ |
| 18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number: _____ | | | / | <input type="checkbox"/> Residual Chlorine | |
| 19. For 1613B water samples is pH<9? | | | / | <input type="checkbox"/> If no, notify lab to adjust | |
| 20. For rad samples was sample activity info. Provided? | | | / | <input type="checkbox"/> Project missing info | |
| Project #: <u>50006565</u> PM Instructions: _____ | | | | | |
| Sample Receiving Associate: <u>Kevin</u> Date: <u>11/20/20</u> | | | | | |



TestAmerica Knoxville - Air Canister Initial Pressure Check

Gauge ID: G5
 Date: 11/20/2020

| Analyst | Sample ID | Asset # | Cleaning Job | Cert | Size (L) | Pressure @ Receipt (-in Hg or +psig) | Time | Comments |
|---|---------------|----------|--------------|------|----------|--|-------|----------|
| BRS | 140-21080-a-1 | 11227 | 20848 | B | 6 | -3.9 | 14:13 | |
| BRS | 140-21080-a-2 | 10102 | 20848 | B | 6 | -1.6 | 14:14 | |
| BRS | 140-21080-a-3 | 34000030 | 20848 | B | 6 | -4.2 | 14:15 | |
| BRS | 140-21080-a-4 | 11232 | 20848 | B | 6 | 0.0 | 14:16 | |
| BRS | 140-21080-a-5 | 11562 | 20848 | B | 6 | -2.8 | 14:17 | |
| BRS | 140-21080-a-6 | 10405 | 20899 | B | 6 | -2.1 | 14:18 | |
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| <input type="checkbox"/> Receiving –Air Can –Calve Open (NCM # _____) <input type="checkbox"/> Air - Can P -24 to -25 " - Flow Contr. Works (NCM# _____) <input type="checkbox"/> Air - Can P -24 to -25 " - Flow Contr. Faulty (NCM# _____) <input type="checkbox"/> Air - Can P Out -26" - Flow Contr. Works (NCM# _____) | | | | | | <input type="checkbox"/> Air - Can P Out -26" - Flow Contr. Faulty (NCM# _____) <input type="checkbox"/> Air - Can P Low -24 to -25 " - Grab Sample (NCM# _____) <input type="checkbox"/> Air - Can P Low -26 "-" - Grab Sample (NCM# _____) | | |

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-170172-1

Client Project/Site: West Bend Brewery - 193706313

For:

Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Erin Gross



Authorized for release by:
10/2/2019 2:18:59 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandie.fredrick@testamericainc.com

LINKS

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results through
TotalAccess

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Visit us at:
www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Job ID: 500-170172-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-170172-1

Comments

No additional comments.

Receipt

The samples were received on 9/17/2019 8:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7° C.

Receipt Exceptions

Didn't receive sample SB-3 (5-6), we received an 8oz with ID of SB-3 (1-3) and time of 1100, should it be SB-3 (5-6)?

GC/MS VOA

Method(s) 5035: sample vial has < 8 grams of sample in 10 ml of methanol. SB-10 (2-4) (500-170172-15)

Method(s) 8260B: The MS/ MSD (matrix spike and matrix spike duplicate) in batch 506823 were analyzed 22 and 47 minutes outside the method specified 12 hour tune time. TW-1 (500-170172-19), (500-170172-A-19 MS) and (500-170172-A-19 MSD)

Method(s) 8260B: The method blank for 506135-506823-506947-506948 contained Methylene chloride above the method detection limit (MDL) and below the reporting limit (RL). This target analyte concentration was less than the reporting limit (RL) in the samples; therefore, re-analysis of samples was not performed. Methylene chloride results have been flagged in the associated samples with a "B" flag denote the presence in the blank and possible lab contamination.

Method(s) 8260B: The extraction blank for 506135 contained Methylene chloride above the method detection limit (MDL) but below the reporting limit (RL). The method blank associated with analytical batch 506814 has detect for Methylene chloride above the method detection limit (MDL) but below the reporting limit (RL). This target analyte concentration was less than the reporting limit (RL) in the associated sample; therefore, re-analysis of samples was not performed. Methylene chloride results have been flagged in the associated samples with a "B" flag denote the presence in the blank and possible lab contamination.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method(s) 8270D: The following samples contained one base surrogate outside acceptance limits: The laboratory's SOP allows one base surrogate to be outside acceptance limits; therefore, re-extraction was not performed. These results have been reported and qualified. SB-4 (2-4) (500-170172-6), SB-4 (2-4) (500-170172-6[MS]), SB-4 (2-4) (500-170172-6[MSD]) and DUP-01 (500-170172-9)

Method(s) 8270D: The following samples were diluted due to the nature of the sample matrix: SB-9 (1-3) (500-170172-14) and SB-10 (2-4) (500-170172-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method(s) 6010B: The following sample was diluted due to the nature of the sample matrix: SB-10 (2-4) (500-170172-15). Elevated reporting limits (RLs) are provided.

Method(s) 6020A: The method blank for preparation batch 500-507443 contained Chromium above the reporting limit (RL). The samples associated with this method blank did not contain the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Case Narrative

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Job ID: 500-170172-1 (Continued)

Laboratory: Eurofins TestAmerica, Chicago (Continued)

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-1 (2-4)

Lab Sample ID: 500-170172-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 17 | J | 71 | 8.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 15 | J | 71 | 6.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthene | 99 | | 35 | 6.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 250 | | 35 | 5.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 1100 | | 35 | 4.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 1000 | | 35 | 6.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 1100 | | 35 | 7.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 450 | | 35 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 490 | | 35 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 1100 | | 35 | 9.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 140 | | 35 | 6.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 1700 | | 35 | 6.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 76 | | 35 | 5.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 420 | | 35 | 9.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 980 | | 35 | 4.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 1600 | | 35 | 7.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 2.6 | | 0.99 | 0.34 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 30 | | 0.99 | 0.11 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.20 | B | 0.20 | 0.036 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 7.6 | | 0.99 | 0.49 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 22 | | 0.49 | 0.23 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 1.3 | | 0.49 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.045 | | 0.016 | 0.0054 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-1 (6-8)

Lab Sample ID: 500-170172-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 140 | J B | 330 | 110 | ug/Kg | 50 | ☼ | 8260B | Total/NA |

Client Sample ID: SB-2 (0.5-3)

Lab Sample ID: 500-170172-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 150 | J B | 350 | 110 | ug/Kg | 50 | ☼ | 8260B | Total/NA |

Client Sample ID: SB-2 (3-4)

Lab Sample ID: 500-170172-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene | 29 | J | 43 | 5.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 45 | | 43 | 8.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 49 | | 43 | 9.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 18 | J | 43 | 14 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 22 | J | 43 | 13 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 35 | J | 43 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 12 | J | 43 | 8.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 56 | | 43 | 8.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 26 | J | 43 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 28 | J | 43 | 6.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 54 | | 43 | 8.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 2.5 | | 1.2 | 0.41 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 37 | | 1.2 | 0.14 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.23 | J B | 0.24 | 0.043 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 8.4 | | 1.2 | 0.60 | mg/Kg | 1 | ☼ | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-2 (3-4) (Continued)

Lab Sample ID: 500-170172-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Lead | 41 | | 0.60 | 0.28 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 1.5 | | 0.60 | 0.16 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.051 | | 0.020 | 0.0068 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-3 (1-3)

Lab Sample ID: 500-170172-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 120 | J B | 280 | 92 | ug/Kg | 50 | ☼ | 8260B | Total/NA |

Client Sample ID: SB-4 (2-4)

Lab Sample ID: 500-170172-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Methylene Chloride | 150 | J B | 320 | 110 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| 1-Methylnaphthalene | 14 | J | 75 | 9.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 16 | J | 75 | 6.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthylene | 15 | J | 37 | 4.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 21 | J | 37 | 6.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 87 | | 37 | 5.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 120 | | 37 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 150 | | 37 | 8.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 55 | F1 | 37 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 70 | F1 | 37 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 100 | | 37 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 18 | J F1 | 37 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 150 | | 37 | 6.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 65 | F1 | 37 | 9.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 11 | J | 37 | 5.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 78 | | 37 | 5.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 170 | | 37 | 7.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 5.8 | | 1.0 | 0.35 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 130 | | 1.0 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.44 | F1 B | 0.21 | 0.037 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 15 | | 1.0 | 0.51 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 300 | F2 | 0.52 | 0.24 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Selenium | 1.2 | F1 | 1.0 | 0.61 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 2.8 | | 0.52 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.40 | | 0.017 | 0.0058 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-5 (2-4)

Lab Sample ID: 500-170172-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| Methylene Chloride | 140 | J B | 320 | 100 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Benzo[a]pyrene | 8.8 | J | 37 | 7.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 10 | J | 37 | 7.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 1.1 | | 0.99 | 0.34 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 11 | | 0.99 | 0.11 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.15 | J B | 0.20 | 0.036 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 4.8 | | 0.99 | 0.49 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 2.7 | | 0.50 | 0.23 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 0.98 | | 0.50 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-6 (5-6)

Lab Sample ID: 500-170172-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Methylene Chloride | 150 | J B | 350 | 120 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Benzo[a]pyrene | 11 | J | 39 | 7.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 13 | J | 39 | 8.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 11 | J | 39 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 5.1 | | 1.0 | 0.35 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 44 | | 1.0 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.072 | J B | 0.21 | 0.037 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 20 | | 1.0 | 0.51 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 8.0 | | 0.51 | 0.24 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 4.1 | | 0.51 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.024 | | 0.020 | 0.0065 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: DUP-01

Lab Sample ID: 500-170172-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Methylene Chloride | 150 | J B | 350 | 110 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Benzo[a]pyrene | 12 | J | 40 | 7.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 13 | J | 40 | 8.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 11 | J | 40 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 4.8 | | 1.0 | 0.35 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 53 | | 1.0 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.097 | J B | 0.20 | 0.036 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 20 | | 1.0 | 0.50 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 7.8 | | 0.51 | 0.23 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 4.0 | | 0.51 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.020 | | 0.019 | 0.0064 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-7 (0.5-1.5)

Lab Sample ID: 500-170172-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 240 | | 76 | 9.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 320 | | 76 | 6.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthene | 8.3 | J | 37 | 6.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 17 | J | 37 | 6.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 70 | | 37 | 5.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 84 | | 37 | 7.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 130 | | 37 | 8.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 39 | | 37 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 44 | | 37 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 84 | | 37 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 21 | J | 37 | 7.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 84 | | 37 | 7.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 8.3 | J | 37 | 5.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 54 | | 37 | 9.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 180 | | 37 | 5.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 230 | | 37 | 5.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 73 | | 37 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 5.4 | | 1.0 | 0.35 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 71 | | 1.0 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.23 | B | 0.21 | 0.037 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 7.8 | | 1.0 | 0.51 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 18 | | 0.51 | 0.24 | mg/Kg | 1 | ☼ | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-7 (0.5-1.5) (Continued)

Lab Sample ID: 500-170172-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Silver | 1.7 | | 0.51 | 0.13 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Mercury | 0.023 | | 0.019 | 0.0062 | mg/Kg | 1 | ☒ | 7471A | Total/NA |

Client Sample ID: SB-7 (13.5-14.5)

Lab Sample ID: 500-170172-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 110 | J B | 280 | 92 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

Client Sample ID: SB-8 (2-3)

Lab Sample ID: 500-170172-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 110 | J B | 300 | 97 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Naphthalene | 24 | J | 59 | 20 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Toluene | 19 | | 15 | 8.7 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Xylenes, Total | 40 | | 30 | 13 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

Client Sample ID: SB-8 (3-4)

Lab Sample ID: 500-170172-13

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 32 | J | 75 | 9.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| 2-Methylnaphthalene | 46 | J | 75 | 6.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 23 | J | 37 | 6.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 75 | | 37 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 110 | | 37 | 7.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 150 | | 37 | 8.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 62 | | 37 | 11 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Chrysene | 79 | | 37 | 10 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluoranthene | 170 | | 37 | 6.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluorene | 6.3 | J | 37 | 5.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 60 | | 37 | 9.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Naphthalene | 26 | J | 37 | 5.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Phenanthrene | 89 | | 37 | 5.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Pyrene | 120 | | 37 | 7.4 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Arsenic | 3.9 | | 1.1 | 0.38 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Barium | 65 | | 1.1 | 0.13 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Cadmium | 0.30 | B | 0.22 | 0.040 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Chromium | 13 | | 1.1 | 0.54 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Lead | 61 | | 0.55 | 0.25 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Silver | 2.2 | | 0.55 | 0.14 | mg/Kg | 1 | ☒ | 6010B | Total/NA |
| Mercury | 0.050 | | 0.017 | 0.0058 | mg/Kg | 1 | ☒ | 7471A | Total/NA |

Client Sample ID: SB-9 (1-3)

Lab Sample ID: 500-170172-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 310 | | 77 | 27 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 78 | | 77 | 29 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Benzene | 63 | | 19 | 11 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Ethylbenzene | 100 | | 19 | 14 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Isopropylbenzene | 68 | J | 77 | 29 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Methylene Chloride | 140 | J B | 380 | 130 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Naphthalene | 500 | | 77 | 26 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| n-Butylbenzene | 36 | J | 77 | 30 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| N-Propylbenzene | 82 | | 77 | 32 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-9 (1-3) (Continued)

Lab Sample ID: 500-170172-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Tetrachloroethene | 120 | | 77 | 28 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Toluene | 370 | | 19 | 11 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Xylenes, Total | 980 | | 38 | 17 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| 1-Methylnaphthalene | 450 | | 400 | 48 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| 2-Methylnaphthalene | 590 | | 400 | 36 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Anthracene | 130 | J | 200 | 33 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 290 | | 200 | 26 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 410 | | 200 | 38 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 430 | | 200 | 42 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 110 | J | 200 | 63 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 260 | | 200 | 58 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Chrysene | 300 | | 200 | 54 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 82 | J | 200 | 38 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Fluoranthene | 520 | | 200 | 36 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Fluorene | 29 | J | 200 | 28 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 240 | | 200 | 51 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Naphthalene | 340 | | 200 | 30 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Phenanthrene | 580 | | 200 | 27 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Pyrene | 420 | | 200 | 39 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Arsenic | 12 | | 1.0 | 0.34 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Barium | 94 | | 1.0 | 0.11 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Cadmium | 0.54 | B | 0.20 | 0.036 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Chromium | 14 | | 1.0 | 0.50 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Lead | 56 | | 0.50 | 0.23 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Selenium | 1.2 | | 1.0 | 0.59 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Silver | 2.0 | | 0.50 | 0.13 | mg/Kg | 1 | ✳ | 6010B | Total/NA |
| Mercury | 0.063 | | 0.019 | 0.0062 | mg/Kg | 1 | ✳ | 7471A | Total/NA |

Client Sample ID: SB-10 (2-4)

Lab Sample ID: 500-170172-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 1100 | | 110 | 38 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 250 | | 110 | 41 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Benzene | 200 | | 27 | 16 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Ethylbenzene | 350 | | 27 | 20 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Isopropylbenzene | 260 | | 110 | 41 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Methylene Chloride | 190 | J B | 540 | 170 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Naphthalene | 1600 | | 110 | 36 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| n-Butylbenzene | 130 | | 110 | 42 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| N-Propylbenzene | 290 | | 110 | 44 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| p-Isopropyltoluene | 90 | J | 110 | 39 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| sec-Butylbenzene | 93 | J | 110 | 43 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Tetrachloroethene | 740 | | 110 | 40 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Toluene | 1300 | | 27 | 16 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Xylenes, Total | 3200 | | 54 | 24 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| 1-Methylnaphthalene | 1600 | | 400 | 49 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| 2-Methylnaphthalene | 2200 | | 400 | 37 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Acenaphthene | 180 | J | 200 | 36 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Anthracene | 370 | | 200 | 33 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 920 | | 200 | 27 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 880 | | 200 | 39 | ug/Kg | 5 | ✳ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-10 (2-4) (Continued)

Lab Sample ID: 500-170172-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[b]fluoranthene | 1300 | | 200 | 43 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 240 | | 200 | 64 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 470 | | 200 | 59 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Chrysene | 850 | | 200 | 54 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 150 | J | 200 | 38 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Fluoranthene | 1900 | | 200 | 37 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Fluorene | 160 | J | 200 | 28 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 380 | | 200 | 52 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Naphthalene | 1300 | | 200 | 31 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Phenanthrene | 2300 | | 200 | 28 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Pyrene | 1500 | | 200 | 40 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Arsenic | 9.2 | | 5.3 | 1.8 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Barium | 110 | | 5.3 | 0.60 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Cadmium | 0.58 | J B | 1.1 | 0.19 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Chromium | 10 | | 5.3 | 2.6 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Lead | 89 | | 2.6 | 1.2 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Silver | 2.1 | J | 2.6 | 0.68 | mg/Kg | 5 | ☼ | 6010B | Total/NA |
| Mercury | 0.060 | | 0.019 | 0.0063 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-11 (2-4)

Lab Sample ID: 500-170172-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 58 | J | 70 | 25 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Benzene | 13 | J | 17 | 10 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Ethylbenzene | 16 | J | 17 | 13 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Methylene Chloride | 120 | J B | 350 | 110 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Naphthalene | 93 | | 70 | 23 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Toluene | 71 | | 17 | 10 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Xylenes, Total | 140 | | 35 | 15 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| 1-Methylnaphthalene | 18 | J | 79 | 9.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 19 | J | 79 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthene | 8.4 | J | 39 | 7.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthylene | 9.9 | J | 39 | 5.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 20 | J | 39 | 6.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 100 | | 39 | 5.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 110 | | 39 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 160 | | 39 | 8.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 32 | J F1 | 39 | 13 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 46 | | 39 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 100 | | 39 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 140 | | 39 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 36 | J F1 | 39 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 15 | J | 39 | 6.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 58 | | 39 | 5.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 130 | | 39 | 7.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 2.3 | | 1.2 | 0.40 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 77 | | 1.2 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.19 | J B | 0.23 | 0.042 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 9.1 | | 1.2 | 0.58 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 190 | | 0.58 | 0.27 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 1.6 | | 0.58 | 0.15 | mg/Kg | 1 | ☼ | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-11 (2-4) (Continued)

Lab Sample ID: 500-170172-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Mercury | 0.043 | | 0.019 | 0.0065 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-12 (3-4)

Lab Sample ID: 500-170172-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 82 | | 72 | 26 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Ethylbenzene | 20 | | 18 | 13 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Methylene Chloride | 140 | J B | 360 | 120 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Naphthalene | 140 | | 72 | 24 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Toluene | 83 | | 18 | 11 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Xylenes, Total | 210 | | 36 | 16 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| 1-Methylnaphthalene | 270 | | 78 | 9.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 320 | | 78 | 7.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthylene | 43 | | 38 | 5.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 93 | | 38 | 6.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 310 | | 38 | 5.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 280 | | 38 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 580 | | 38 | 8.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 100 | | 38 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 130 | | 38 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 370 | | 38 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 24 | J | 38 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 670 | | 38 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 36 | J | 38 | 5.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 110 | | 38 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 210 | | 38 | 6.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 560 | | 38 | 5.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 660 | | 38 | 7.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 9.9 | | 1.2 | 0.40 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 130 | | 1.2 | 0.13 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.35 | B | 0.24 | 0.042 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 8.4 | | 1.2 | 0.58 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 51 | | 0.59 | 0.27 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Selenium | 1.3 | | 1.2 | 0.69 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 2.2 | | 0.59 | 0.15 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.23 | | 0.019 | 0.0062 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| Methylene Chloride | 120 | J B | 300 | 97 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| Naphthalene | 25 | J | 60 | 20 | ug/Kg | 50 | ☼ | 8260B | Total/NA |
| 1-Methylnaphthalene | 84 | | 70 | 8.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 110 | | 70 | 6.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthene | 400 | | 34 | 6.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthylene | 21 | J | 34 | 4.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 590 | | 34 | 5.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 1000 | | 34 | 4.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 990 | | 34 | 6.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 1400 | | 34 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 370 | | 34 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 460 | | 34 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-13 (2-4) (Continued)

Lab Sample ID: 500-170172-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Chrysene | 1100 | | 34 | 9.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 110 | | 34 | 6.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 320 | | 34 | 4.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 310 | | 34 | 9.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 230 | | 34 | 5.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene - DL | 3700 | | 170 | 32 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Phenanthrene - DL | 3800 | | 170 | 24 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Pyrene - DL | 3000 | | 170 | 34 | ug/Kg | 5 | ☼ | 8270D | Total/NA |
| Arsenic | 3.5 | | 0.95 | 0.32 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Barium | 43 | | 0.95 | 0.11 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.16 | J B | 0.19 | 0.034 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 9.7 | | 0.95 | 0.47 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 21 | | 0.47 | 0.22 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Selenium | 0.68 | J | 0.95 | 0.56 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 2.2 | | 0.47 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.046 | | 0.017 | 0.0057 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

Client Sample ID: TW-1

Lab Sample ID: 500-170172-19

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| 1,1-Dichloroethane | 3.3 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| 1,2,4-Trimethylbenzene | 15 | | 1.0 | 0.36 | ug/L | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 4.6 | | 1.0 | 0.25 | ug/L | 1 | | 8260B | Total/NA |
| Benzene | 1.7 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene | 12 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Ethylbenzene | 6.1 | | 0.50 | 0.18 | ug/L | 1 | | 8260B | Total/NA |
| Isopropylbenzene | 1.0 | | 1.0 | 0.39 | ug/L | 1 | | 8260B | Total/NA |
| Methylene Chloride | 2.1 | J B | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Naphthalene | 8.5 | | 1.0 | 0.34 | ug/L | 1 | | 8260B | Total/NA |
| N-Propylbenzene | 2.7 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.42 | J | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.79 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Xylenes, Total | 13 | | 1.0 | 0.22 | ug/L | 1 | | 8260B | Total/NA |
| 1-Methylnaphthalene | 1.4 | J | 1.6 | 0.24 | ug/L | 1 | | 8270D | Total/NA |
| 2-Methylnaphthalene | 1.4 | J | 1.6 | 0.052 | ug/L | 1 | | 8270D | Total/NA |
| Naphthalene | 2.9 | | 0.80 | 0.25 | ug/L | 1 | | 8270D | Total/NA |
| Arsenic | 0.0039 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.12 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.00058 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: DUP-02

Lab Sample ID: 500-170172-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| 1,1-Dichloroethane | 3.6 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| 1,2,4-Trimethylbenzene | 15 | | 1.0 | 0.36 | ug/L | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 4.7 | | 1.0 | 0.25 | ug/L | 1 | | 8260B | Total/NA |
| Benzene | 1.7 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| cis-1,2-Dichloroethene | 12 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Ethylbenzene | 6.1 | | 0.50 | 0.18 | ug/L | 1 | | 8260B | Total/NA |
| Isopropylbenzene | 1.1 | | 1.0 | 0.39 | ug/L | 1 | | 8260B | Total/NA |
| Methylene Chloride | 1.9 | J B | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Naphthalene | 8.9 | | 1.0 | 0.34 | ug/L | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-02 (Continued)

Lab Sample ID: 500-170172-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| N-Propylbenzene | 2.7 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.75 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Xylenes, Total | 13 | | 1.0 | 0.22 | ug/L | 1 | | 8260B | Total/NA |
| 1-Methylnaphthalene | 1.4 | J | 1.6 | 0.24 | ug/L | 1 | | 8270D | Total/NA |
| 2-Methylnaphthalene | 1.4 | J | 1.6 | 0.052 | ug/L | 1 | | 8270D | Total/NA |
| Naphthalene | 2.9 | | 0.81 | 0.25 | ug/L | 1 | | 8270D | Total/NA |
| Arsenic | 0.0042 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.12 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.00035 | J | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TW-2

Lab Sample ID: 500-170172-21

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|---------|-----------|--------|---------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 0.42 | J | 1.0 | 0.36 | ug/L | 1 | | 8260B | Total/NA |
| Methylene Chloride | 2.8 | J B | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Naphthalene | 0.71 | J | 1.0 | 0.34 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.31 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Arsenic | 0.00046 | J | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.10 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Chromium | 0.0013 | J B | 0.0050 | 0.0011 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0013 | J | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TB-01 (Trip Blank)

Lab Sample ID: 500-170172-22

No Detections.

Client Sample ID: TB-02 (Trip Blank)

Lab Sample ID: 500-170172-23

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Methylene Chloride | 3.8 | J B | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |

Client Sample ID: SB-3 (5-6)

Lab Sample ID: 500-170172-24

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-----|------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 49 | J | 81 | 9.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| 2-Methylnaphthalene | 50 | J | 81 | 7.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthene | 16 | J | 40 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Acenaphthylene | 15 | J | 40 | 5.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 53 | | 40 | 6.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 250 | | 40 | 5.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 270 | | 40 | 7.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 410 | | 40 | 8.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 88 | | 40 | 13 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 120 | | 40 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 320 | | 40 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 27 | J | 40 | 7.8 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 530 | | 40 | 7.5 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 14 | J | 40 | 5.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 87 | | 40 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 34 | J | 40 | 6.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 250 | | 40 | 5.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 470 | | 40 | 8.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 5.0 | | 1.1 | 0.36 | mg/Kg | 1 | ☼ | 6010B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-3 (5-6) (Continued)

Lab Sample ID: 500-170172-24

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Barium | 87 | | 1.1 | 0.12 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Cadmium | 0.36 | B | 0.21 | 0.038 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Chromium | 11 | | 1.1 | 0.52 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Lead | 93 | | 0.53 | 0.24 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Silver | 2.1 | | 0.53 | 0.14 | mg/Kg | 1 | ☼ | 6010B | Total/NA |
| Mercury | 0.14 | | 0.018 | 0.0061 | mg/Kg | 1 | ☼ | 7471A | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago



Method Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

| Method | Method Description | Protocol | Laboratory |
|----------|--|----------|------------|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 8270D | Semivolatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 6010B | Metals (ICP) | SW846 | TAL CHI |
| 6020A | Metals (ICP/MS) | SW846 | TAL CHI |
| 7470A | Mercury (CVAA) | SW846 | TAL CHI |
| 7471A | Mercury (CVAA) | SW846 | TAL CHI |
| Moisture | Percent Moisture | EPA | TAL CHI |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | TAL CHI |
| 3050B | Preparation, Metals | SW846 | TAL CHI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | TAL CHI |
| 3541 | Automated Soxhlet Extraction | SW846 | TAL CHI |
| 5030B | Purge and Trap | SW846 | TAL CHI |
| 5035 | Closed System Purge and Trap | SW846 | TAL CHI |
| 7470A | Preparation, Mercury | SW846 | TAL CHI |
| 7471A | Preparation, Mercury | SW846 | TAL CHI |

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|--------------------|--------|----------------|----------------|----------|
| 500-170172-1 | SB-1 (2-4) | Solid | 09/13/19 09:50 | 09/17/19 08:40 | |
| 500-170172-2 | SB-1 (6-8) | Solid | 09/13/19 09:50 | 09/17/19 08:40 | |
| 500-170172-3 | SB-2 (0.5-3) | Solid | 09/13/19 10:20 | 09/17/19 08:40 | |
| 500-170172-4 | SB-2 (3-4) | Solid | 09/13/19 10:15 | 09/17/19 08:40 | |
| 500-170172-5 | SB-3 (1-3) | Solid | 09/13/19 11:00 | 09/17/19 08:40 | |
| 500-170172-6 | SB-4 (2-4) | Solid | 09/13/19 11:00 | 09/17/19 08:40 | |
| 500-170172-7 | SB-5 (2-4) | Solid | 09/13/19 11:40 | 09/17/19 08:40 | |
| 500-170172-8 | SB-6 (5-6) | Solid | 09/13/19 11:55 | 09/17/19 08:40 | |
| 500-170172-9 | DUP-01 | Solid | 09/13/19 13:00 | 09/17/19 08:40 | |
| 500-170172-10 | SB-7 (0.5-1.5) | Solid | 09/13/19 13:01 | 09/17/19 08:40 | |
| 500-170172-11 | SB-7 (13.5-14.5) | Solid | 09/13/19 14:00 | 09/17/19 08:40 | |
| 500-170172-12 | SB-8 (2-3) | Solid | 09/13/19 15:15 | 09/17/19 08:40 | |
| 500-170172-13 | SB-8 (3-4) | Solid | 09/13/19 15:15 | 09/17/19 08:40 | |
| 500-170172-14 | SB-9 (1-3) | Solid | 09/13/19 15:20 | 09/17/19 08:40 | |
| 500-170172-15 | SB-10 (2-4) | Solid | 09/13/19 15:25 | 09/17/19 08:40 | |
| 500-170172-16 | SB-11 (2-4) | Solid | 09/13/19 16:30 | 09/17/19 08:40 | |
| 500-170172-17 | SB-12 (3-4) | Solid | 09/13/19 16:45 | 09/17/19 08:40 | |
| 500-170172-18 | SB-13 (2-4) | Solid | 09/13/19 16:50 | 09/17/19 08:40 | |
| 500-170172-19 | TW-1 | Water | 09/13/19 15:25 | 09/17/19 08:40 | |
| 500-170172-20 | DUP-02 | Water | 09/13/19 15:35 | 09/17/19 08:40 | |
| 500-170172-21 | TW-2 | Water | 09/13/19 16:40 | 09/17/19 08:40 | |
| 500-170172-22 | TB-01 (Trip Blank) | Solid | 09/13/19 00:00 | 09/17/19 08:40 | |
| 500-170172-23 | TB-02 (Trip Blank) | Water | 09/13/19 00:00 | 09/17/19 08:40 | |
| 500-170172-24 | SB-3 (5-6) | Solid | 09/13/19 11:00 | 09/17/19 08:40 | |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-1 (2-4)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-1

Matrix: Solid

Percent Solids: 92.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 17 | J | 71 | 8.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| 2-Methylnaphthalene | 15 | J | 71 | 6.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Acenaphthene | 99 | | 35 | 6.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Acenaphthylene | <4.6 | | 35 | 4.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Anthracene | 250 | | 35 | 5.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Benzo[a]anthracene | 1100 | | 35 | 4.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Benzo[a]pyrene | 1000 | | 35 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Benzo[b]fluoranthene | 1100 | | 35 | 7.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Benzo[g,h,i]perylene | 450 | | 35 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Benzo[k]fluoranthene | 490 | | 35 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Chrysene | 1100 | | 35 | 9.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Dibenz(a,h)anthracene | 140 | | 35 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Fluoranthene | 1700 | | 35 | 6.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Fluorene | 76 | | 35 | 5.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Indeno[1,2,3-cd]pyrene | 420 | | 35 | 9.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Naphthalene | <5.4 | | 35 | 5.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Phenanthrene | 980 | | 35 | 4.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Pyrene | 1600 | | 35 | 7.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 18:43 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 78 | | 43 - 145 | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Nitrobenzene-d5 (Surr) | 70 | | 37 - 147 | 09/27/19 15:41 | 09/28/19 18:43 | 1 |
| Terphenyl-d14 (Surr) | 81 | | 42 - 157 | 09/27/19 15:41 | 09/28/19 18:43 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 2.6 | | 0.99 | 0.34 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Barium | 30 | | 0.99 | 0.11 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Cadmium | 0.20 | B | 0.20 | 0.036 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Chromium | 7.6 | | 0.99 | 0.49 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Lead | 22 | | 0.49 | 0.23 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Selenium | <0.58 | | 0.99 | 0.58 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |
| Silver | 1.3 | | 0.49 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:20 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.045 | | 0.016 | 0.0054 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:11 | 1 |

Client Sample ID: SB-1 (6-8)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-2

Matrix: Solid

Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <31 | | 67 | 31 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1,1-Trichloroethane | <25 | | 67 | 25 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1,2,2-Tetrachloroethane | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1,2-Trichloroethane | <23 | | 67 | 23 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1-Dichloroethane | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1-Dichloroethene | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,1-Dichloropropene | <20 | | 67 | 20 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-1 (6-8)

Lab Sample ID: 500-170172-2

Date Collected: 09/13/19 09:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,2,3-Trichlorobenzene | <31 | | 67 | 31 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2,3-Trichloropropane | <28 | | 130 | 28 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2,4-Trichlorobenzene | <23 | | 67 | 23 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2,4-Trimethylbenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 330 | 130 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2-Dibromoethane | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2-Dichlorobenzene | <22 | | 67 | 22 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2-Dichloroethane | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,2-Dichloropropane | <29 | | 67 | 29 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,3,5-Trimethylbenzene | <25 | | 67 | 25 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,3-Dichlorobenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,3-Dichloropropane | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 1,4-Dichlorobenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 2,2-Dichloropropane | <30 | | 67 | 30 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 2-Chlorotoluene | <21 | | 67 | 21 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 4-Chlorotoluene | <23 | | 67 | 23 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Benzene | <9.7 | | 17 | 9.7 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Bromobenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Bromochloromethane | <29 | | 67 | 29 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Bromodichloromethane | <25 | | 67 | 25 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Bromoform | <32 | | 67 | 32 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Bromomethane | <53 | | 200 | 53 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Carbon tetrachloride | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Chlorobenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Chloroethane | <34 | | 67 | 34 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Chloroform | <25 | | 130 | 25 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Chloromethane | <21 | | 67 | 21 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| cis-1,2-Dichloroethene | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| cis-1,3-Dichloropropene | <28 | | 67 | 28 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Dibromochloromethane | <33 | | 67 | 33 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Dibromomethane | <18 | | 67 | 18 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Dichlorodifluoromethane | <45 | | 200 | 45 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Ethylbenzene | <12 | | 17 | 12 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Hexachlorobutadiene | <30 | | 67 | 30 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Isopropyl ether | <18 | | 67 | 18 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Isopropylbenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Methyl tert-butyl ether | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Methylene Chloride | 140 | J B | 330 | 110 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Naphthalene | <22 | | 67 | 22 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| n-Butylbenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| N-Propylbenzene | <28 | | 67 | 28 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| p-Isopropyltoluene | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| sec-Butylbenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Styrene | <26 | | 67 | 26 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| tert-Butylbenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Tetrachloroethene | <25 | | 67 | 25 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Toluene | <9.8 | | 17 | 9.8 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| trans-1,2-Dichloroethene | <23 | | 67 | 23 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| trans-1,3-Dichloropropene | <24 | | 67 | 24 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-1 (6-8)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-2

Matrix: Solid

Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Trichloroethene | <11 | | 33 | 11 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Trichlorofluoromethane | <29 | | 67 | 29 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Vinyl chloride | <17 | | 67 | 17 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Xylenes, Total | <15 | | 33 | 15 | ug/Kg | ☼ | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 75 - 126 | | | | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| 4-Bromofluorobenzene (Surr) | 110 | | 72 - 124 | | | | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Dibromofluoromethane | 90 | | 75 - 120 | | | | 09/13/19 09:50 | 09/26/19 13:10 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | 09/13/19 09:50 | 09/26/19 13:10 | 50 |

Client Sample ID: SB-2 (0.5-3)

Date Collected: 09/13/19 10:20

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-3

Matrix: Solid

Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <32 | | 69 | 32 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1,1-Trichloroethane | <26 | | 69 | 26 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1,1,2,2-Tetrachloroethane | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1,2-Trichloroethane | <24 | | 69 | 24 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1-Dichloroethane | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1-Dichloroethene | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,1-Dichloropropene | <21 | | 69 | 21 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2,3-Trichlorobenzene | <32 | | 69 | 32 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2,3-Trichloropropane | <29 | | 140 | 29 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 69 | 24 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2,4-Trimethylbenzene | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 350 | 140 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2-Dibromoethane | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2-Dichlorobenzene | <23 | | 69 | 23 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2-Dichloroethane | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,2-Dichloropropane | <30 | | 69 | 30 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,3,5-Trimethylbenzene | <26 | | 69 | 26 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,3-Dichlorobenzene | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,3-Dichloropropane | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 1,4-Dichlorobenzene | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 2,2-Dichloropropane | <31 | | 69 | 31 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 2-Chlorotoluene | <22 | | 69 | 22 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 4-Chlorotoluene | <24 | | 69 | 24 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Benzene | <10 | | 17 | 10 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Bromobenzene | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Bromochloromethane | <30 | | 69 | 30 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Bromodichloromethane | <26 | | 69 | 26 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Bromoform | <33 | | 69 | 33 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Bromomethane | <55 | | 210 | 55 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Carbon tetrachloride | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Chlorobenzene | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Chloroethane | <35 | | 69 | 35 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Chloroform | <26 | | 140 | 26 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-2 (0.5-3)

Lab Sample ID: 500-170172-3

Date Collected: 09/13/19 10:20

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Chloromethane | <22 | | 69 | 22 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| cis-1,2-Dichloroethene | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| cis-1,3-Dichloropropene | <29 | | 69 | 29 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Dibromochloromethane | <34 | | 69 | 34 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Dibromomethane | <19 | | 69 | 19 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Dichlorodifluoromethane | <47 | | 210 | 47 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Ethylbenzene | <13 | | 17 | 13 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Hexachlorobutadiene | <31 | | 69 | 31 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Isopropyl ether | <19 | | 69 | 19 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Isopropylbenzene | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Methyl tert-butyl ether | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Methylene Chloride | 150 | J B | 350 | 110 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Naphthalene | <23 | | 69 | 23 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| n-Butylbenzene | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| N-Propylbenzene | <29 | | 69 | 29 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| p-Isopropyltoluene | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| sec-Butylbenzene | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Styrene | <27 | | 69 | 27 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| tert-Butylbenzene | <28 | | 69 | 28 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Tetrachloroethene | <26 | | 69 | 26 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Toluene | <10 | | 17 | 10 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| trans-1,2-Dichloroethene | <24 | | 69 | 24 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| trans-1,3-Dichloropropene | <25 | | 69 | 25 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Trichloroethene | <11 | | 35 | 11 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Trichlorofluoromethane | <30 | | 69 | 30 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Vinyl chloride | <18 | | 69 | 18 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Xylenes, Total | <15 | | 35 | 15 | ug/Kg | ☼ | 09/13/19 10:20 | 09/26/19 13:36 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| 4-Bromofluorobenzene (Surr) | 112 | | 72 - 124 | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Dibromofluoromethane | 91 | | 75 - 120 | 09/13/19 10:20 | 09/26/19 13:36 | 50 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | 09/13/19 10:20 | 09/26/19 13:36 | 50 |

Client Sample ID: SB-2 (3-4)

Lab Sample ID: 500-170172-4

Date Collected: 09/13/19 10:15

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 75.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <11 | | 88 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| 2-Methylnaphthalene | <8.0 | | 88 | 8.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Acenaphthene | <7.9 | | 43 | 7.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Acenaphthylene | <5.8 | | 43 | 5.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Anthracene | <7.3 | | 43 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Benzo[a]anthracene | 29 | J | 43 | 5.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Benzo[a]pyrene | 45 | | 43 | 8.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Benzo[b]fluoranthene | 49 | | 43 | 9.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Benzo[g,h,i]perylene | 18 | J | 43 | 14 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Benzo[k]fluoranthene | 22 | J | 43 | 13 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-2 (3-4)

Lab Sample ID: 500-170172-4

Date Collected: 09/13/19 10:15

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 75.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Chrysene | 35 | J | 43 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Dibenz(a,h)anthracene | 12 | J | 43 | 8.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Fluoranthene | 56 | | 43 | 8.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Fluorene | <6.1 | | 43 | 6.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Indeno[1,2,3-cd]pyrene | 26 | J | 43 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Naphthalene | <6.7 | | 43 | 6.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Phenanthrene | 28 | J | 43 | 6.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Pyrene | 54 | | 43 | 8.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 66 | | 43 - 145 | | | | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Nitrobenzene-d5 (Surr) | 74 | | 37 - 147 | | | | 09/27/19 15:41 | 09/28/19 19:09 | 1 |
| Terphenyl-d14 (Surr) | 84 | | 42 - 157 | | | | 09/27/19 15:41 | 09/28/19 19:09 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 2.5 | | 1.2 | 0.41 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Barium | 37 | | 1.2 | 0.14 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Cadmium | 0.23 | J B | 0.24 | 0.043 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Chromium | 8.4 | | 1.2 | 0.60 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Lead | 41 | | 0.60 | 0.28 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Selenium | <0.71 | | 1.2 | 0.71 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |
| Silver | 1.5 | | 0.60 | 0.16 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:24 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.051 | | 0.020 | 0.0068 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:14 | 1 |

Client Sample ID: SB-3 (1-3)

Lab Sample ID: 500-170172-5

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <26 | | 56 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1,1-Trichloroethane | <21 | | 56 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1,2,2-Tetrachloroethane | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1,2-Trichloroethane | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1-Dichloroethane | <23 | | 56 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1-Dichloroethene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,1-Dichloropropene | <17 | | 56 | 17 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2,3-Trichlorobenzene | <26 | | 56 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2,3-Trichloropropane | <23 | | 110 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2,4-Trichlorobenzene | <19 | | 56 | 19 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2,4-Trimethylbenzene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2-Dibromo-3-Chloropropane | <110 | | 280 | 110 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2-Dibromoethane | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2-Dichlorobenzene | <19 | | 56 | 19 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2-Dichloroethane | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,2-Dichloropropane | <24 | | 56 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,3,5-Trimethylbenzene | <21 | | 56 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-3 (1-3)

Lab Sample ID: 500-170172-5

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 90.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|------------|-----------|--------------|---|----------------|----------------|---------|
| 1,3-Dichlorobenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,3-Dichloropropane | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 1,4-Dichlorobenzene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 2,2-Dichloropropane | <25 | | 56 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 2-Chlorotoluene | <18 | | 56 | 18 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 4-Chlorotoluene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Benzene | <8.2 | | 14 | 8.2 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Bromobenzene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Bromochloromethane | <24 | | 56 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Bromodichloromethane | <21 | | 56 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Bromoform | <27 | | 56 | 27 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Bromomethane | <45 | | 170 | 45 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Carbon tetrachloride | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Chlorobenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Chloroethane | <28 | | 56 | 28 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Chloroform | <21 | | 110 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Chloromethane | <18 | | 56 | 18 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| cis-1,2-Dichloroethene | <23 | | 56 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| cis-1,3-Dichloropropene | <23 | | 56 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Dibromochloromethane | <27 | | 56 | 27 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Dibromomethane | <15 | | 56 | 15 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Dichlorodifluoromethane | <38 | | 170 | 38 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Ethylbenzene | <10 | | 14 | 10 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Hexachlorobutadiene | <25 | | 56 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Isopropyl ether | <16 | | 56 | 16 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Isopropylbenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Methyl tert-butyl ether | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Methylene Chloride | 120 | J B | 280 | 92 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Naphthalene | <19 | | 56 | 19 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| n-Butylbenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| N-Propylbenzene | <23 | | 56 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| p-Isopropyltoluene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| sec-Butylbenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Styrene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| tert-Butylbenzene | <22 | | 56 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Tetrachloroethene | <21 | | 56 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Toluene | <8.3 | | 14 | 8.3 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| trans-1,2-Dichloroethene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| trans-1,3-Dichloropropene | <20 | | 56 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Trichloroethene | <9.2 | | 28 | 9.2 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Trichlorofluoromethane | <24 | | 56 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Vinyl chloride | <15 | | 56 | 15 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Xylenes, Total | <12 | | 28 | 12 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:01 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 75 - 126 | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 124 | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Dibromofluoromethane | 90 | | 75 - 120 | 09/13/19 11:00 | 09/26/19 14:01 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/13/19 11:00 | 09/26/19 14:01 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-4 (2-4)

Lab Sample ID: 500-170172-6

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 88.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <30 | | 64 | 30 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1,1-Trichloroethane | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1,2,2-Tetrachloroethane | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1,2-Trichloroethane | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1-Dichloroethane | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1-Dichloroethene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,1-Dichloropropene | <19 | | 64 | 19 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2,3-Trichlorobenzene | <30 | | 64 | 30 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2,3-Trichloropropane | <27 | | 130 | 27 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2,4-Trichlorobenzene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2,4-Trimethylbenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 320 | 130 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2-Dibromoethane | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2-Dichlorobenzene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2-Dichloroethane | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,2-Dichloropropane | <28 | | 64 | 28 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,3,5-Trimethylbenzene | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,3-Dichlorobenzene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,3-Dichloropropane | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 1,4-Dichlorobenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 2,2-Dichloropropane | <29 | | 64 | 29 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 2-Chlorotoluene | <20 | | 64 | 20 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 4-Chlorotoluene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Benzene | <9.4 | | 16 | 9.4 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Bromobenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Bromochloromethane | <28 | | 64 | 28 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Bromodichloromethane | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Bromoform | <31 | | 64 | 31 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Bromomethane | <51 | | 190 | 51 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Carbon tetrachloride | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Chlorobenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Chloroethane | <32 | | 64 | 32 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Chloroform | <24 | | 130 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Chloromethane | <21 | | 64 | 21 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| cis-1,2-Dichloroethene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| cis-1,3-Dichloropropene | <27 | | 64 | 27 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Dibromochloromethane | <31 | | 64 | 31 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Dibromomethane | <17 | | 64 | 17 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Dichlorodifluoromethane | <43 | | 190 | 43 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Ethylbenzene | <12 | | 16 | 12 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Hexachlorobutadiene | <29 | | 64 | 29 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Isopropyl ether | <18 | | 64 | 18 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Isopropylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Methyl tert-butyl ether | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Methylene Chloride | 150 | J B | 320 | 110 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Naphthalene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| n-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| N-Propylbenzene | <27 | | 64 | 27 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| p-Isopropyltoluene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-4 (2-4)

Lab Sample ID: 500-170172-6

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 88.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Styrene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| tert-Butylbenzene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Tetrachloroethene | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Toluene | <9.5 | | 16 | 9.5 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| trans-1,2-Dichloroethene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| trans-1,3-Dichloropropene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Trichloroethene | <11 | | 32 | 11 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Trichlorofluoromethane | <28 | | 64 | 28 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Vinyl chloride | <17 | | 64 | 17 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Xylenes, Total | <14 | | 32 | 14 | ug/Kg | ☼ | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | | | | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| 4-Bromofluorobenzene (Surr) | 111 | | 72 - 124 | | | | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Dibromofluoromethane | 90 | | 75 - 120 | | | | 09/13/19 11:00 | 09/26/19 14:26 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | 09/13/19 11:00 | 09/26/19 14:26 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | 14 | J | 75 | 9.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| 2-Methylnaphthalene | 16 | J | 75 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Acenaphthene | <6.7 | | 37 | 6.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Acenaphthylene | 15 | J | 37 | 4.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Anthracene | 21 | J | 37 | 6.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Benzo[a]anthracene | 87 | | 37 | 5.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Benzo[a]pyrene | 120 | | 37 | 7.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Benzo[b]fluoranthene | 150 | | 37 | 8.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Benzo[g,h,i]perylene | 55 | F1 | 37 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Benzo[k]fluoranthene | 70 | F1 | 37 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Chrysene | 100 | | 37 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Dibenz(a,h)anthracene | 18 | J F1 | 37 | 7.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Fluoranthene | 150 | | 37 | 6.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Fluorene | <5.2 | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Indeno[1,2,3-cd]pyrene | 65 | F1 | 37 | 9.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Naphthalene | 11 | J | 37 | 5.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Phenanthrene | 78 | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Pyrene | 170 | | 37 | 7.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 74 | | 43 - 145 | | | | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Nitrobenzene-d5 (Surr) | 63 | | 37 - 147 | | | | 09/27/19 15:41 | 09/28/19 19:35 | 1 |
| Terphenyl-d14 (Surr) | 95 | | 42 - 157 | | | | 09/27/19 15:41 | 09/28/19 19:35 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 5.8 | | 1.0 | 0.35 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |
| Barium | 130 | | 1.0 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |
| Cadmium | 0.44 | F1 B | 0.21 | 0.037 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |
| Chromium | 15 | | 1.0 | 0.51 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-4 (2-4)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-6

Matrix: Solid

Percent Solids: 88.2

Method: 6010B - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 300 | F2 | 0.52 | 0.24 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |
| Selenium | 1.2 | F1 | 1.0 | 0.61 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |
| Silver | 2.8 | | 0.52 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 09:28 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.40 | | 0.017 | 0.0058 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:16 | 1 |

Client Sample ID: SB-5 (2-4)

Date Collected: 09/13/19 11:40

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-7

Matrix: Solid

Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <29 | | 64 | 29 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1,1-Trichloroethane | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1,2,2-Tetrachloroethane | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1,2-Trichloroethane | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1-Dichloroethane | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1-Dichloroethene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,1-Dichloropropene | <19 | | 64 | 19 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2,3-Trichlorobenzene | <29 | | 64 | 29 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2,3-Trichloropropane | <26 | | 130 | 26 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2,4-Trichlorobenzene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2,4-Trimethylbenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 320 | 130 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2-Dibromoethane | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2-Dichlorobenzene | <21 | | 64 | 21 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2-Dichloroethane | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,2-Dichloropropane | <27 | | 64 | 27 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,3,5-Trimethylbenzene | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,3-Dichlorobenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,3-Dichloropropane | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 1,4-Dichlorobenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 2,2-Dichloropropane | <28 | | 64 | 28 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 2-Chlorotoluene | <20 | | 64 | 20 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 4-Chlorotoluene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Benzene | <9.3 | | 16 | 9.3 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Bromobenzene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Bromochloromethane | <27 | | 64 | 27 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Bromodichloromethane | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Bromoform | <31 | | 64 | 31 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Bromomethane | <51 | | 190 | 51 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Carbon tetrachloride | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Chlorobenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Chloroethane | <32 | | 64 | 32 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Chloroform | <24 | | 130 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Chloromethane | <20 | | 64 | 20 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| cis-1,2-Dichloroethene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| cis-1,3-Dichloropropene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-5 (2-4)

Lab Sample ID: 500-170172-7

Date Collected: 09/13/19 11:40

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 88.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Dibromochloromethane | <31 | | 64 | 31 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Dibromomethane | <17 | | 64 | 17 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Dichlorodifluoromethane | <43 | | 190 | 43 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Ethylbenzene | <12 | | 16 | 12 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Hexachlorobutadiene | <28 | | 64 | 28 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Isopropyl ether | <18 | | 64 | 18 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Isopropylbenzene | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Methyl tert-butyl ether | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Methylene Chloride | 140 | J B | 320 | 100 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Naphthalene | <21 | | 64 | 21 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| n-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| N-Propylbenzene | <26 | | 64 | 26 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| p-Isopropyltoluene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| sec-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Styrene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| tert-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Tetrachloroethene | <24 | | 64 | 24 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Toluene | <9.3 | | 16 | 9.3 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| trans-1,2-Dichloroethene | <22 | | 64 | 22 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| trans-1,3-Dichloropropene | <23 | | 64 | 23 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Trichloroethene | <10 | | 32 | 10 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Trichlorofluoromethane | <27 | | 64 | 27 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Vinyl chloride | <17 | | 64 | 17 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Xylenes, Total | <14 | | 32 | 14 | ug/Kg | ☼ | 09/13/19 11:40 | 09/26/19 14:51 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 124 | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | 09/13/19 11:40 | 09/26/19 14:51 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/13/19 11:40 | 09/26/19 14:51 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.0 | | 74 | 9.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| 2-Methylnaphthalene | <6.8 | | 74 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Acenaphthene | <6.6 | | 37 | 6.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Acenaphthylene | <4.8 | | 37 | 4.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Anthracene | <6.1 | | 37 | 6.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Benzo[a]anthracene | <4.9 | | 37 | 4.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Benzo[a]pyrene | 8.8 | J | 37 | 7.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Benzo[b]fluoranthene | 10 | J | 37 | 7.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Benzo[g,h,i]perylene | <12 | | 37 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Benzo[k]fluoranthene | <11 | | 37 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Chrysene | <10 | | 37 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Dibenz(a,h)anthracene | <7.1 | | 37 | 7.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Fluoranthene | <6.8 | | 37 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Fluorene | <5.2 | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Indeno[1,2,3-cd]pyrene | <9.5 | | 37 | 9.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Naphthalene | <5.7 | | 37 | 5.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Phenanthrene | <5.1 | | 37 | 5.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-5 (2-4)

Date Collected: 09/13/19 11:40

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-7

Matrix: Solid

Percent Solids: 88.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Pyrene | <7.3 | | 37 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 61 | | 43 - 145 | | | | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Nitrobenzene-d5 (Surr) | 58 | | 37 - 147 | | | | 09/27/19 15:41 | 09/28/19 16:33 | 1 |
| Terphenyl-d14 (Surr) | 80 | | 42 - 157 | | | | 09/27/19 15:41 | 09/28/19 16:33 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 1.1 | | 0.99 | 0.34 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Barium | 11 | | 0.99 | 0.11 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Cadmium | 0.15 | J B | 0.20 | 0.036 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Chromium | 4.8 | | 0.99 | 0.49 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Lead | 2.7 | | 0.50 | 0.23 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Selenium | <0.58 | | 0.99 | 0.58 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |
| Silver | 0.98 | | 0.50 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:18 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|---------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | <0.0060 | | 0.018 | 0.0060 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:38 | 1 |

Client Sample ID: SB-6 (5-6)

Date Collected: 09/13/19 11:55

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-8

Matrix: Solid

Percent Solids: 82.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <33 | | 71 | 33 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1,1-Trichloroethane | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1,2,2-Tetrachloroethane | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1,2-Trichloroethane | <25 | | 71 | 25 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1-Dichloroethane | <29 | | 71 | 29 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1-Dichloroethene | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,1-Dichloropropene | <21 | | 71 | 21 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2,3-Trichlorobenzene | <32 | | 71 | 32 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2,3-Trichloropropane | <29 | | 140 | 29 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 71 | 24 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2,4-Trimethylbenzene | <25 | | 71 | 25 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 350 | 140 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2-Dibromoethane | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2-Dichlorobenzene | <24 | | 71 | 24 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2-Dichloroethane | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,2-Dichloropropane | <30 | | 71 | 30 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,3,5-Trimethylbenzene | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,3-Dichlorobenzene | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,3-Dichloropropane | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 1,4-Dichlorobenzene | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 2,2-Dichloropropane | <31 | | 71 | 31 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 2-Chlorotoluene | <22 | | 71 | 22 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 4-Chlorotoluene | <25 | | 71 | 25 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Benzene | <10 | | 18 | 10 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-6 (5-6)

Lab Sample ID: 500-170172-8

Date Collected: 09/13/19 11:55

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Bromobenzene | <25 | | 71 | 25 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Bromochloromethane | <30 | | 71 | 30 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Bromodichloromethane | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Bromoform | <34 | | 71 | 34 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Bromomethane | <56 | | 210 | 56 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Carbon tetrachloride | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Chlorobenzene | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Chloroethane | <36 | | 71 | 36 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Chloroform | <26 | | 140 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Chloromethane | <23 | | 71 | 23 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| cis-1,2-Dichloroethene | <29 | | 71 | 29 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| cis-1,3-Dichloropropene | <29 | | 71 | 29 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Dibromochloromethane | <35 | | 71 | 35 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Dibromomethane | <19 | | 71 | 19 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Dichlorodifluoromethane | <48 | | 210 | 48 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Ethylbenzene | <13 | | 18 | 13 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Hexachlorobutadiene | <32 | | 71 | 32 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Isopropyl ether | <20 | | 71 | 20 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Isopropylbenzene | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Methyl tert-butyl ether | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Methylene Chloride | 150 | J B | 350 | 120 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Naphthalene | <24 | | 71 | 24 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| n-Butylbenzene | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| N-Propylbenzene | <29 | | 71 | 29 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| p-Isopropyltoluene | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| sec-Butylbenzene | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Styrene | <27 | | 71 | 27 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| tert-Butylbenzene | <28 | | 71 | 28 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Tetrachloroethene | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Toluene | <10 | | 18 | 10 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| trans-1,2-Dichloroethene | <25 | | 71 | 25 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| trans-1,3-Dichloropropene | <26 | | 71 | 26 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Trichloroethene | <12 | | 35 | 12 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Trichlorofluoromethane | <30 | | 71 | 30 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Vinyl chloride | <19 | | 71 | 19 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Xylenes, Total | <16 | | 35 | 16 | ug/Kg | ☼ | 09/13/19 11:55 | 09/26/19 15:16 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| 4-Bromofluorobenzene (Surr) | 111 | | 72 - 124 | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Dibromofluoromethane | 90 | | 75 - 120 | 09/13/19 11:55 | 09/26/19 15:16 | 50 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | 09/13/19 11:55 | 09/26/19 15:16 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.7 | | 80 | 9.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| 2-Methylnaphthalene | <7.3 | | 80 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Acenaphthene | <7.1 | | 39 | 7.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Acenaphthylene | <5.2 | | 39 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Anthracene | <6.6 | | 39 | 6.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-6 (5-6)

Date Collected: 09/13/19 11:55

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-8

Matrix: Solid

Percent Solids: 82.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Benzo[a]anthracene | <5.3 | | 39 | 5.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Benzo[a]pyrene | 11 | J | 39 | 7.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Benzo[b]fluoranthene | 13 | J | 39 | 8.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Benzo[g,h,i]perylene | <13 | | 39 | 13 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Benzo[k]fluoranthene | <12 | | 39 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Chrysene | <11 | | 39 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Dibenz(a,h)anthracene | <7.7 | | 39 | 7.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Fluoranthene | <7.4 | | 39 | 7.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Fluorene | <5.6 | | 39 | 5.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Indeno[1,2,3-cd]pyrene | 11 | J | 39 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Naphthalene | <6.1 | | 39 | 6.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Phenanthrene | <5.5 | | 39 | 5.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Pyrene | <7.9 | | 39 | 7.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 16:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 54 | | 43 - 145 | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Nitrobenzene-d5 (Surr) | 58 | | 37 - 147 | 09/27/19 15:41 | 09/28/19 16:59 | 1 |
| Terphenyl-d14 (Surr) | 81 | | 42 - 157 | 09/27/19 15:41 | 09/28/19 16:59 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|--------------|------------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 5.1 | | 1.0 | 0.35 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Barium | 44 | | 1.0 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Cadmium | 0.072 | J B | 0.21 | 0.037 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Chromium | 20 | | 1.0 | 0.51 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Lead | 8.0 | | 0.51 | 0.24 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Selenium | <0.60 | | 1.0 | 0.60 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |
| Silver | 4.1 | | 0.51 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:22 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.024 | | 0.020 | 0.0065 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:40 | 1 |

Client Sample ID: DUP-01

Date Collected: 09/13/19 13:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-9

Matrix: Solid

Percent Solids: 83.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <32 | | 70 | 32 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1,1-Trichloroethane | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1,2,2-Tetrachloroethane | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1,2-Trichloroethane | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1-Dichloroethane | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1-Dichloroethene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,1-Dichloropropene | <21 | | 70 | 21 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2,3-Trichlorobenzene | <32 | | 70 | 32 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2,3-Trichloropropane | <29 | | 140 | 29 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 70 | 24 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2,4-Trimethylbenzene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 350 | 140 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-01

Lab Sample ID: 500-170172-9

Date Collected: 09/13/19 13:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 83.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,2-Dibromoethane | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2-Dichlorobenzene | <23 | | 70 | 23 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2-Dichloroethane | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,2-Dichloropropane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,3,5-Trimethylbenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,3-Dichlorobenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,3-Dichloropropane | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 1,4-Dichlorobenzene | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 2,2-Dichloropropane | <31 | | 70 | 31 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 2-Chlorotoluene | <22 | | 70 | 22 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 4-Chlorotoluene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Benzene | <10 | | 18 | 10 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Bromobenzene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Bromochloromethane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Bromodichloromethane | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Bromoform | <34 | | 70 | 34 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Bromomethane | <56 | | 210 | 56 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Carbon tetrachloride | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Chlorobenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Chloroethane | <35 | | 70 | 35 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Chloroform | <26 | | 140 | 26 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Chloromethane | <22 | | 70 | 22 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| cis-1,2-Dichloroethene | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| cis-1,3-Dichloropropene | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Dibromochloromethane | <34 | | 70 | 34 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Dibromomethane | <19 | | 70 | 19 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Dichlorodifluoromethane | <47 | | 210 | 47 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Ethylbenzene | <13 | | 18 | 13 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Hexachlorobutadiene | <31 | | 70 | 31 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Isopropyl ether | <19 | | 70 | 19 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Isopropylbenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Methyl tert-butyl ether | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Methylene Chloride | 150 | J B | 350 | 110 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Naphthalene | <23 | | 70 | 23 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| n-Butylbenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| N-Propylbenzene | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| p-Isopropyltoluene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| sec-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Styrene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| tert-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Tetrachloroethene | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Toluene | <10 | | 18 | 10 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| trans-1,2-Dichloroethene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| trans-1,3-Dichloropropene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Trichloroethene | <11 | | 35 | 11 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Trichlorofluoromethane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Vinyl chloride | <18 | | 70 | 18 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Xylenes, Total | <15 | | 35 | 15 | ug/Kg | ☼ | 09/13/19 13:00 | 09/26/19 15:42 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-01
Date Collected: 09/13/19 13:00
Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-9
Matrix: Solid
Percent Solids: 83.0

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 75 - 126 | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| 4-Bromofluorobenzene (Surr) | 110 | | 72 - 124 | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | 09/13/19 13:00 | 09/26/19 15:42 | 50 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | 09/13/19 13:00 | 09/26/19 15:42 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-----------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.7 | | 80 | 9.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| 2-Methylnaphthalene | <7.3 | | 80 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Acenaphthene | <7.2 | | 40 | 7.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Acenaphthylene | <5.3 | | 40 | 5.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Anthracene | <6.7 | | 40 | 6.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Benzo[a]anthracene | <5.4 | | 40 | 5.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Benzo[a]pyrene | 12 | J | 40 | 7.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Benzo[b]fluoranthene | 13 | J | 40 | 8.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Benzo[g,h,i]perylene | <13 | | 40 | 13 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Benzo[k]fluoranthene | <12 | | 40 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Chrysene | <11 | | 40 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Dibenz(a,h)anthracene | <7.7 | | 40 | 7.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Fluoranthene | <7.4 | | 40 | 7.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Fluorene | <5.6 | | 40 | 5.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Indeno[1,2,3-cd]pyrene | 11 | J | 40 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Naphthalene | <6.1 | | 40 | 6.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Phenanthrene | <5.6 | | 40 | 5.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Pyrene | <7.9 | | 40 | 7.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/28/19 17:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 41 | X | 43 - 145 | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Nitrobenzene-d5 (Surr) | 40 | | 37 - 147 | 09/27/19 15:41 | 09/28/19 17:25 | 1 |
| Terphenyl-d14 (Surr) | 65 | | 42 - 157 | 09/27/19 15:41 | 09/28/19 17:25 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|--------------|------------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 4.8 | | 1.0 | 0.35 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Barium | 53 | | 1.0 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Cadmium | 0.097 | J B | 0.20 | 0.036 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Chromium | 20 | | 1.0 | 0.50 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Lead | 7.8 | | 0.51 | 0.23 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Selenium | <0.60 | | 1.0 | 0.60 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |
| Silver | 4.0 | | 0.51 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:26 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.020 | | 0.019 | 0.0064 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:42 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-7 (0.5-1.5)

Lab Sample ID: 500-170172-10

Date Collected: 09/13/19 13:01

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 87.2

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 240 | | 76 | 9.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| 2-Methylnaphthalene | 320 | | 76 | 6.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Acenaphthene | 8.3 | J | 37 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Acenaphthylene | <5.0 | | 37 | 5.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Anthracene | 17 | J | 37 | 6.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Benzo[a]anthracene | 70 | | 37 | 5.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Benzo[a]pyrene | 84 | | 37 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Benzo[b]fluoranthene | 130 | | 37 | 8.1 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Benzo[g,h,i]perylene | 39 | | 37 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Benzo[k]fluoranthene | 44 | | 37 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Chrysene | 84 | | 37 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Dibenz(a,h)anthracene | 21 | J | 37 | 7.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Fluoranthene | 84 | | 37 | 7.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Fluorene | 8.3 | J | 37 | 5.3 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Indeno[1,2,3-cd]pyrene | 54 | | 37 | 9.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Naphthalene | 180 | | 37 | 5.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Phenanthrene | 230 | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Pyrene | 73 | | 37 | 7.5 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 53 | | 43 - 145 | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Nitrobenzene-d5 (Surr) | 44 | | 37 - 147 | 09/27/19 15:41 | 09/30/19 18:25 | 1 |
| Terphenyl-d14 (Surr) | 68 | | 42 - 157 | 09/27/19 15:41 | 09/30/19 18:25 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 5.4 | | 1.0 | 0.35 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Barium | 71 | | 1.0 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Cadmium | 0.23 | B | 0.21 | 0.037 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Chromium | 7.8 | | 1.0 | 0.51 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Lead | 18 | | 0.51 | 0.24 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Selenium | <0.60 | | 1.0 | 0.60 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |
| Silver | 1.7 | | 0.51 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:30 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.023 | | 0.019 | 0.0062 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:44 | 1 |

Client Sample ID: SB-7 (13.5-14.5)

Lab Sample ID: 500-170172-11

Date Collected: 09/13/19 14:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 93.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <26 | | 57 | 26 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1,1-Trichloroethane | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1,2,2-Tetrachloroethane | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1,2-Trichloroethane | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1-Dichloroethane | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1-Dichloroethene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,1-Dichloropropene | <17 | | 57 | 17 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-7 (13.5-14.5)

Lab Sample ID: 500-170172-11

Date Collected: 09/13/19 14:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 93.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,2,3-Trichlorobenzene | <26 | | 57 | 26 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2,3-Trichloropropane | <23 | | 110 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2,4-Trichlorobenzene | <19 | | 57 | 19 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2,4-Trimethylbenzene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2-Dibromo-3-Chloropropane | <110 | | 280 | 110 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2-Dibromoethane | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2-Dichlorobenzene | <19 | | 57 | 19 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2-Dichloroethane | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,2-Dichloropropane | <24 | | 57 | 24 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,3,5-Trimethylbenzene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,3-Dichlorobenzene | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,3-Dichloropropane | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 1,4-Dichlorobenzene | <21 | | 57 | 21 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 2,2-Dichloropropane | <25 | | 57 | 25 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 2-Chlorotoluene | <18 | | 57 | 18 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 4-Chlorotoluene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Benzene | <8.3 | | 14 | 8.3 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Bromobenzene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Bromochloromethane | <24 | | 57 | 24 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Bromodichloromethane | <21 | | 57 | 21 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Bromoform | <27 | | 57 | 27 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Bromomethane | <45 | | 170 | 45 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Carbon tetrachloride | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Chlorobenzene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Chloroethane | <29 | | 57 | 29 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Chloroform | <21 | | 110 | 21 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Chloromethane | <18 | | 57 | 18 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| cis-1,2-Dichloroethene | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| cis-1,3-Dichloropropene | <24 | | 57 | 24 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Dibromochloromethane | <28 | | 57 | 28 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Dibromomethane | <15 | | 57 | 15 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Dichlorodifluoromethane | <38 | | 170 | 38 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Ethylbenzene | <10 | | 14 | 10 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Hexachlorobutadiene | <25 | | 57 | 25 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Isopropyl ether | <16 | | 57 | 16 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Isopropylbenzene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Methyl tert-butyl ether | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Methylene Chloride | 110 | J B | 280 | 92 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Naphthalene | <19 | | 57 | 19 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| n-Butylbenzene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| N-Propylbenzene | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| p-Isopropyltoluene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| sec-Butylbenzene | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Styrene | <22 | | 57 | 22 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| tert-Butylbenzene | <23 | | 57 | 23 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Tetrachloroethene | <21 | | 57 | 21 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Toluene | <8.3 | | 14 | 8.3 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| trans-1,2-Dichloroethene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| trans-1,3-Dichloropropene | <20 | | 57 | 20 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-7 (13.5-14.5)

Date Collected: 09/13/19 14:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-11

Matrix: Solid

Percent Solids: 93.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Trichloroethene | <9.3 | | 28 | 9.3 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Trichlorofluoromethane | <24 | | 57 | 24 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Vinyl chloride | <15 | | 57 | 15 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Xylenes, Total | <12 | | 28 | 12 | ug/Kg | ☼ | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | | | | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| 4-Bromofluorobenzene (Surr) | 112 | | 72 - 124 | | | | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | | | | 09/13/19 14:00 | 09/26/19 16:07 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | 09/13/19 14:00 | 09/26/19 16:07 | 50 |

Client Sample ID: SB-8 (2-3)

Date Collected: 09/13/19 15:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-12

Matrix: Solid

Percent Solids: 90.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <27 | | 59 | 27 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1,1-Trichloroethane | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1,1,2,2-Tetrachloroethane | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1,2-Trichloroethane | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1-Dichloroethane | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1-Dichloroethene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,1-Dichloropropene | <18 | | 59 | 18 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2,3-Trichlorobenzene | <27 | | 59 | 27 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2,3-Trichloropropane | <25 | | 120 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2,4-Trichlorobenzene | <20 | | 59 | 20 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2,4-Trimethylbenzene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 300 | 120 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2-Dibromoethane | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2-Dichlorobenzene | <20 | | 59 | 20 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2-Dichloroethane | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,2-Dichloropropane | <25 | | 59 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,3,5-Trimethylbenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,3-Dichlorobenzene | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,3-Dichloropropane | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 1,4-Dichlorobenzene | <22 | | 59 | 22 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 2,2-Dichloropropane | <26 | | 59 | 26 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 2-Chlorotoluene | <19 | | 59 | 19 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 4-Chlorotoluene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Benzene | <8.7 | | 15 | 8.7 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Bromobenzene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Bromochloromethane | <25 | | 59 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Bromodichloromethane | <22 | | 59 | 22 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Bromoform | <29 | | 59 | 29 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Bromomethane | <47 | | 180 | 47 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Carbon tetrachloride | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Chlorobenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Chloroethane | <30 | | 59 | 30 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Chloroform | <22 | | 120 | 22 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-8 (2-3)

Lab Sample ID: 500-170172-12

Date Collected: 09/13/19 15:15

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 90.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Chloromethane | <19 | | 59 | 19 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| cis-1,2-Dichloroethene | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| cis-1,3-Dichloropropene | <25 | | 59 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Dibromochloromethane | <29 | | 59 | 29 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Dibromomethane | <16 | | 59 | 16 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Dichlorodifluoromethane | <40 | | 180 | 40 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Ethylbenzene | <11 | | 15 | 11 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Hexachlorobutadiene | <26 | | 59 | 26 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Isopropyl ether | <16 | | 59 | 16 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Isopropylbenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Methyl tert-butyl ether | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Methylene Chloride | 110 | J B | 300 | 97 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Naphthalene | 24 | J | 59 | 20 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| n-Butylbenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| N-Propylbenzene | <25 | | 59 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| p-Isopropyltoluene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| sec-Butylbenzene | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Styrene | <23 | | 59 | 23 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| tert-Butylbenzene | <24 | | 59 | 24 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Tetrachloroethene | <22 | | 59 | 22 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Toluene | 19 | | 15 | 8.7 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| trans-1,2-Dichloroethene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| trans-1,3-Dichloropropene | <21 | | 59 | 21 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Trichloroethene | <9.7 | | 30 | 9.7 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Trichlorofluoromethane | <25 | | 59 | 25 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Vinyl chloride | <16 | | 59 | 16 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Xylenes, Total | 40 | | 30 | 13 | ug/Kg | ☼ | 09/13/19 14:15 | 09/26/19 16:32 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| 4-Bromofluorobenzene (Surr) | 110 | | 72 - 124 | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | 09/13/19 14:15 | 09/26/19 16:32 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/13/19 14:15 | 09/26/19 16:32 | 50 |

Client Sample ID: SB-8 (3-4)

Lab Sample ID: 500-170172-13

Date Collected: 09/13/19 15:15

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 89.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 32 | J | 75 | 9.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| 2-Methylnaphthalene | 46 | J | 75 | 6.8 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Acenaphthene | <6.7 | | 37 | 6.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Acenaphthylene | <4.9 | | 37 | 4.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Anthracene | 23 | J | 37 | 6.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Benzo[a]anthracene | 75 | | 37 | 5.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Benzo[a]pyrene | 110 | | 37 | 7.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Benzo[b]fluoranthene | 150 | | 37 | 8.0 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Benzo[g,h,i]perylene | <12 | | 37 | 12 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Benzo[k]fluoranthene | 62 | | 37 | 11 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |

Euofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-8 (3-4)

Lab Sample ID: 500-170172-13

Date Collected: 09/13/19 15:15

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 89.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Chrysene | 79 | | 37 | 10 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Dibenz(a,h)anthracene | <7.2 | | 37 | 7.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Fluoranthene | 170 | | 37 | 6.9 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Fluorene | 6.3 J | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Indeno[1,2,3-cd]pyrene | 60 | | 37 | 9.6 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Naphthalene | 26 J | | 37 | 5.7 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Phenanthrene | 89 | | 37 | 5.2 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Pyrene | 120 | | 37 | 7.4 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 60 | | 43 - 145 | | | | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Nitrobenzene-d5 (Surr) | 53 | | 37 - 147 | | | | 09/27/19 15:41 | 09/30/19 18:54 | 1 |
| Terphenyl-d14 (Surr) | 81 | | 42 - 157 | | | | 09/27/19 15:41 | 09/30/19 18:54 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|---------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.9 | | 1.1 | 0.38 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Barium | 65 | | 1.1 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Cadmium | 0.30 B | | 0.22 | 0.040 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Chromium | 13 | | 1.1 | 0.54 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Lead | 61 | | 0.55 | 0.25 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Selenium | <0.65 | | 1.1 | 0.65 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |
| Silver | 2.2 | | 0.55 | 0.14 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:34 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.050 | | 0.017 | 0.0058 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:46 | 1 |

Client Sample ID: SB-9 (1-3)

Lab Sample ID: 500-170172-14

Date Collected: 09/13/19 15:20

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <35 | | 77 | 35 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1,1-Trichloroethane | <29 | | 77 | 29 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1,2,2-Tetrachloroethane | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1,2-Trichloroethane | <27 | | 77 | 27 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1-Dichloroethane | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1-Dichloroethene | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,1-Dichloropropene | <23 | | 77 | 23 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2,3-Trichlorobenzene | <35 | | 77 | 35 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2,3-Trichloropropane | <32 | | 150 | 32 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2,4-Trichlorobenzene | <26 | | 77 | 26 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2,4-Trimethylbenzene | 310 | | 77 | 27 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2-Dibromo-3-Chloropropane | <150 | | 380 | 150 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2-Dibromoethane | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2-Dichlorobenzene | <26 | | 77 | 26 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2-Dichloroethane | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,2-Dichloropropane | <33 | | 77 | 33 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,3,5-Trimethylbenzene | 78 | | 77 | 29 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-9 (1-3)

Lab Sample ID: 500-170172-14

Date Collected: 09/13/19 15:20

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|----------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,3-Dichlorobenzene | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,3-Dichloropropane | <28 | | 77 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 1,4-Dichlorobenzene | <28 | | 77 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 2,2-Dichloropropane | <34 | | 77 | 34 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 2-Chlorotoluene | <24 | | 77 | 24 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 4-Chlorotoluene | <27 | | 77 | 27 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Benzene | 63 | | 19 | 11 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Bromobenzene | <27 | | 77 | 27 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Bromochloromethane | <33 | | 77 | 33 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Bromodichloromethane | <29 | | 77 | 29 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Bromoform | <37 | | 77 | 37 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Bromomethane | <61 | | 230 | 61 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Carbon tetrachloride | <29 | | 77 | 29 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Chlorobenzene | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Chloroethane | <39 | | 77 | 39 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Chloroform | <28 | | 150 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Chloromethane | <25 | | 77 | 25 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| cis-1,2-Dichloroethene | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| cis-1,3-Dichloropropene | <32 | | 77 | 32 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Dibromochloromethane | <37 | | 77 | 37 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Dibromomethane | <21 | | 77 | 21 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Dichlorodifluoromethane | <52 | | 230 | 52 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Ethylbenzene | 100 | | 19 | 14 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Hexachlorobutadiene | <34 | | 77 | 34 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Isopropyl ether | <21 | | 77 | 21 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Isopropylbenzene | 68 J | | 77 | 29 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Methyl tert-butyl ether | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Methylene Chloride | 140 J B | | 380 | 130 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Naphthalene | 500 | | 77 | 26 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| n-Butylbenzene | 36 J | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| N-Propylbenzene | 82 | | 77 | 32 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| p-Isopropyltoluene | <28 | | 77 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| sec-Butylbenzene | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Styrene | <30 | | 77 | 30 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| tert-Butylbenzene | <31 | | 77 | 31 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Tetrachloroethene | 120 | | 77 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Toluene | 370 | | 19 | 11 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| trans-1,2-Dichloroethene | <27 | | 77 | 27 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| trans-1,3-Dichloropropene | <28 | | 77 | 28 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Trichloroethene | <13 | | 38 | 13 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Trichlorofluoromethane | <33 | | 77 | 33 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Vinyl chloride | <20 | | 77 | 20 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Xylenes, Total | 980 | | 38 | 17 | ug/Kg | ☼ | 09/13/19 15:20 | 09/26/19 16:57 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| 4-Bromofluorobenzene (Surr) | 105 | | 72 - 124 | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Dibromofluoromethane | 91 | | 75 - 120 | 09/13/19 15:20 | 09/26/19 16:57 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/13/19 15:20 | 09/26/19 16:57 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-9 (1-3)

Lab Sample ID: 500-170172-14

Date Collected: 09/13/19 15:20

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | 450 | | 400 | 48 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| 2-Methylnaphthalene | 590 | | 400 | 36 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Acenaphthene | <35 | | 200 | 35 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Acenaphthylene | <26 | | 200 | 26 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Anthracene | 130 | J | 200 | 33 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Benzo[a]anthracene | 290 | | 200 | 26 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Benzo[a]pyrene | 410 | | 200 | 38 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Benzo[b]fluoranthene | 430 | | 200 | 42 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Benzo[g,h,i]perylene | 110 | J | 200 | 63 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Benzo[k]fluoranthene | 260 | | 200 | 58 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Chrysene | 300 | | 200 | 54 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Dibenz(a,h)anthracene | 82 | J | 200 | 38 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Fluoranthene | 520 | | 200 | 36 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Fluorene | 29 | J | 200 | 28 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Indeno[1,2,3-cd]pyrene | 240 | | 200 | 51 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Naphthalene | 340 | | 200 | 30 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Phenanthrene | 580 | | 200 | 27 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Pyrene | 420 | | 200 | 39 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 70 | | 43 - 145 | | | | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Nitrobenzene-d5 (Surr) | 55 | | 37 - 147 | | | | 09/27/19 15:41 | 09/30/19 19:52 | 5 |
| Terphenyl-d14 (Surr) | 86 | | 42 - 157 | | | | 09/27/19 15:41 | 09/30/19 19:52 | 5 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 12 | | 1.0 | 0.34 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Barium | 94 | | 1.0 | 0.11 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Cadmium | 0.54 | B | 0.20 | 0.036 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Chromium | 14 | | 1.0 | 0.50 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Lead | 56 | | 0.50 | 0.23 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Selenium | 1.2 | | 1.0 | 0.59 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |
| Silver | 2.0 | | 0.50 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:38 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.063 | | 0.019 | 0.0062 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:48 | 1 |

Client Sample ID: SB-10 (2-4)

Lab Sample ID: 500-170172-15

Date Collected: 09/13/19 15:25

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <50 | | 110 | 50 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1,1-Trichloroethane | <41 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1,2,2-Tetrachloroethane | <43 | | 110 | 43 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1,2-Trichloroethane | <38 | | 110 | 38 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1-Dichloroethane | <44 | | 110 | 44 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1-Dichloroethene | <42 | | 110 | 42 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,1-Dichloropropene | <32 | | 110 | 32 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-10 (2-4)

Lab Sample ID: 500-170172-15

Date Collected: 09/13/19 15:25

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,2,3-Trichlorobenzene | <49 | | 110 | 49 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2,3-Trichloropropane | <44 | | 210 | 44 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2,4-Trichlorobenzene | <37 | | 110 | 37 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2,4-Trimethylbenzene | 1100 | | 110 | 38 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2-Dibromo-3-Chloropropane | <210 | | 540 | 210 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2-Dibromoethane | <41 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2-Dichlorobenzene | <36 | | 110 | 36 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2-Dichloroethane | <42 | | 110 | 42 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,2-Dichloropropane | <46 | | 110 | 46 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,3,5-Trimethylbenzene | 250 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,3-Dichlorobenzene | <43 | | 110 | 43 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,3-Dichloropropane | <39 | | 110 | 39 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 1,4-Dichlorobenzene | <39 | | 110 | 39 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 2,2-Dichloropropane | <48 | | 110 | 48 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 2-Chlorotoluene | <34 | | 110 | 34 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 4-Chlorotoluene | <38 | | 110 | 38 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Benzene | 200 | | 27 | 16 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Bromobenzene | <38 | | 110 | 38 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Bromochloromethane | <46 | | 110 | 46 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Bromodichloromethane | <40 | | 110 | 40 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Bromoform | <52 | | 110 | 52 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Bromomethane | <85 | | 320 | 85 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Carbon tetrachloride | <41 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Chlorobenzene | <41 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Chloroethane | <54 | | 110 | 54 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Chloroform | <40 | | 210 | 40 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Chloromethane | <34 | | 110 | 34 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| cis-1,2-Dichloroethene | <44 | | 110 | 44 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| cis-1,3-Dichloropropene | <45 | | 110 | 45 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Dibromochloromethane | <52 | | 110 | 52 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Dibromomethane | <29 | | 110 | 29 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Dichlorodifluoromethane | <72 | | 320 | 72 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Ethylbenzene | 350 | | 27 | 20 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Hexachlorobutadiene | <48 | | 110 | 48 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Isopropyl ether | <30 | | 110 | 30 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Isopropylbenzene | 260 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Methyl tert-butyl ether | <42 | | 110 | 42 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Methylene Chloride | 190 | J B | 540 | 170 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Naphthalene | 1600 | | 110 | 36 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| n-Butylbenzene | 130 | | 110 | 42 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| N-Propylbenzene | 290 | | 110 | 44 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| p-Isopropyltoluene | 90 | J | 110 | 39 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| sec-Butylbenzene | 93 | J | 110 | 43 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Styrene | <41 | | 110 | 41 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| tert-Butylbenzene | <43 | | 110 | 43 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Tetrachloroethene | 740 | | 110 | 40 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Toluene | 1300 | | 27 | 16 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| trans-1,2-Dichloroethene | <38 | | 110 | 38 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| trans-1,3-Dichloropropene | <39 | | 110 | 39 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-10 (2-4)

Lab Sample ID: 500-170172-15

Date Collected: 09/13/19 15:25

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|-----------|-----------|-----------|--------------|---|-----------------------|-----------------------|-----------|
| Trichloroethene | <18 | | 54 | 18 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Trichlorofluoromethane | <46 | | 110 | 46 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Vinyl chloride | <28 | | 110 | 28 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Xylenes, Total | 3200 | | 54 | 24 | ug/Kg | ☼ | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | | | | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| 4-Bromofluorobenzene (Surr) | 107 | | 72 - 124 | | | | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | | | | 09/13/19 15:25 | 09/26/19 17:22 | 50 |
| Toluene-d8 (Surr) | 106 | | 75 - 120 | | | | 09/13/19 15:25 | 09/26/19 17:22 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 1600 | | 400 | 49 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| 2-Methylnaphthalene | 2200 | | 400 | 37 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Acenaphthene | 180 | J | 200 | 36 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Acenaphthylene | <26 | | 200 | 26 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Anthracene | 370 | | 200 | 33 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Benzo[a]anthracene | 920 | | 200 | 27 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Benzo[a]pyrene | 880 | | 200 | 39 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Benzo[b]fluoranthene | 1300 | | 200 | 43 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Benzo[g,h,i]perylene | 240 | | 200 | 64 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Benzo[k]fluoranthene | 470 | | 200 | 59 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Chrysene | 850 | | 200 | 54 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Dibenz(a,h)anthracene | 150 | J | 200 | 38 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Fluoranthene | 1900 | | 200 | 37 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Fluorene | 160 | J | 200 | 28 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Indeno[1,2,3-cd]pyrene | 380 | | 200 | 52 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Naphthalene | 1300 | | 200 | 31 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Phenanthrene | 2300 | | 200 | 28 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Pyrene | 1500 | | 200 | 40 | ug/Kg | ☼ | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 57 | | 43 - 145 | | | | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Nitrobenzene-d5 (Surr) | 43 | | 37 - 147 | | | | 09/27/19 15:41 | 09/30/19 20:21 | 5 |
| Terphenyl-d14 (Surr) | 68 | | 42 - 157 | | | | 09/27/19 15:41 | 09/30/19 20:21 | 5 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|------------|-----|------|-------|---|----------------|----------------|---------|
| Arsenic | 9.2 | | 5.3 | 1.8 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Barium | 110 | | 5.3 | 0.60 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Cadmium | 0.58 | J B | 1.1 | 0.19 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Chromium | 10 | | 5.3 | 2.6 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Lead | 89 | | 2.6 | 1.2 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Selenium | <3.1 | | 5.3 | 3.1 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |
| Silver | 2.1 | J | 2.6 | 0.68 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:42 | 5 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.060 | | 0.019 | 0.0063 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:50 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-11 (2-4)

Lab Sample ID: 500-170172-16

Date Collected: 09/13/19 16:30

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <32 | | 70 | 32 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1,1-Trichloroethane | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1,2,2-Tetrachloroethane | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1,2-Trichloroethane | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1-Dichloroethane | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1-Dichloroethene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,1-Dichloropropene | <21 | | 70 | 21 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2,3-Trichlorobenzene | <32 | | 70 | 32 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2,3-Trichloropropane | <29 | | 140 | 29 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 70 | 24 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2,4-Trimethylbenzene | 58 | J | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 350 | 140 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2-Dibromoethane | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2-Dichlorobenzene | <23 | | 70 | 23 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2-Dichloroethane | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,2-Dichloropropane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,3,5-Trimethylbenzene | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,3-Dichlorobenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,3-Dichloropropane | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 1,4-Dichlorobenzene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 2,2-Dichloropropane | <31 | | 70 | 31 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 2-Chlorotoluene | <22 | | 70 | 22 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 4-Chlorotoluene | <24 | | 70 | 24 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Benzene | 13 | J | 17 | 10 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Bromobenzene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Bromochloromethane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Bromodichloromethane | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Bromoform | <34 | | 70 | 34 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Bromomethane | <55 | | 210 | 55 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Carbon tetrachloride | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Chlorobenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Chloroethane | <35 | | 70 | 35 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Chloroform | <26 | | 140 | 26 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Chloromethane | <22 | | 70 | 22 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| cis-1,2-Dichloroethene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| cis-1,3-Dichloropropene | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Dibromochloromethane | <34 | | 70 | 34 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Dibromomethane | <19 | | 70 | 19 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Dichlorodifluoromethane | <47 | | 210 | 47 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Ethylbenzene | 16 | J | 17 | 13 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Hexachlorobutadiene | <31 | | 70 | 31 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Isopropyl ether | <19 | | 70 | 19 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Isopropylbenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Methyl tert-butyl ether | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Methylene Chloride | 120 | J B | 350 | 110 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Naphthalene | 93 | | 70 | 23 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| n-Butylbenzene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| N-Propylbenzene | <29 | | 70 | 29 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| p-Isopropyltoluene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-11 (2-4)

Lab Sample ID: 500-170172-16

Date Collected: 09/13/19 16:30

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Styrene | <27 | | 70 | 27 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| tert-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Tetrachloroethene | <26 | | 70 | 26 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Toluene | 71 | | 17 | 10 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| trans-1,2-Dichloroethene | <24 | | 70 | 24 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| trans-1,3-Dichloropropene | <25 | | 70 | 25 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Trichloroethene | <11 | | 35 | 11 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Trichlorofluoromethane | <30 | | 70 | 30 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Vinyl chloride | <18 | | 70 | 18 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Xylenes, Total | 140 | | 35 | 15 | ug/Kg | ☼ | 09/13/19 16:30 | 09/26/19 17:47 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| 4-Bromofluorobenzene (Surr) | 113 | | 72 - 124 | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Dibromofluoromethane | 90 | | 75 - 120 | 09/13/19 16:30 | 09/26/19 17:47 | 50 |
| Toluene-d8 (Surr) | 103 | | 75 - 120 | 09/13/19 16:30 | 09/26/19 17:47 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-------------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 18 | J | 79 | 9.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| 2-Methylnaphthalene | 19 | J | 79 | 7.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Acenaphthene | 8.4 | J | 39 | 7.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Acenaphthylene | 9.9 | J | 39 | 5.1 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Anthracene | 20 | J | 39 | 6.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Benzo[a]anthracene | 100 | | 39 | 5.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Benzo[a]pyrene | 110 | | 39 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Benzo[b]fluoranthene | 160 | | 39 | 8.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Benzo[g,h,i]perylene | 32 | J F1 | 39 | 13 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Benzo[k]fluoranthene | 46 | | 39 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Chrysene | 100 | | 39 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Dibenz(a,h)anthracene | <7.5 | F1 | 39 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Fluoranthene | 140 | | 39 | 7.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Fluorene | <5.5 | | 39 | 5.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Indeno[1,2,3-cd]pyrene | 36 | J F1 | 39 | 10 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Naphthalene | 15 | J | 39 | 6.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Phenanthrene | 58 | | 39 | 5.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Pyrene | 130 | | 39 | 7.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 16:46 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 83 | | 43 - 145 | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Nitrobenzene-d5 (Surr) | 70 | | 37 - 147 | 09/26/19 21:38 | 09/27/19 16:46 | 1 |
| Terphenyl-d14 (Surr) | 89 | | 42 - 157 | 09/26/19 21:38 | 09/27/19 16:46 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|------------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 2.3 | | 1.2 | 0.40 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |
| Barium | 77 | | 1.2 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |
| Cadmium | 0.19 | J B | 0.23 | 0.042 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |
| Chromium | 9.1 | | 1.2 | 0.58 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-11 (2-4)

Date Collected: 09/13/19 16:30

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-16

Matrix: Solid

Percent Solids: 84.1

Method: 6010B - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 190 | | 0.58 | 0.27 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |
| Selenium | <0.69 | | 1.2 | 0.69 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |
| Silver | 1.6 | | 0.58 | 0.15 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:54 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.043 | | 0.019 | 0.0065 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:53 | 1 |

Client Sample ID: SB-12 (3-4)

Date Collected: 09/13/19 16:45

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-17

Matrix: Solid

Percent Solids: 84.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <33 | | 72 | 33 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1,1-Trichloroethane | <27 | | 72 | 27 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1,2,2-Tetrachloroethane | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1,2-Trichloroethane | <25 | | 72 | 25 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1-Dichloroethane | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1-Dichloroethene | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,1-Dichloropropene | <21 | | 72 | 21 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2,3-Trichlorobenzene | <33 | | 72 | 33 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2,3-Trichloropropane | <30 | | 140 | 30 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 72 | 24 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2,4-Trimethylbenzene | 82 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 360 | 140 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2-Dibromoethane | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2-Dichlorobenzene | <24 | | 72 | 24 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2-Dichloroethane | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,2-Dichloropropane | <31 | | 72 | 31 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,3,5-Trimethylbenzene | <27 | | 72 | 27 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,3-Dichlorobenzene | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,3-Dichloropropane | <26 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 1,4-Dichlorobenzene | <26 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 2,2-Dichloropropane | <32 | | 72 | 32 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 2-Chlorotoluene | <22 | | 72 | 22 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 4-Chlorotoluene | <25 | | 72 | 25 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Benzene | <10 | | 18 | 10 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Bromobenzene | <26 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Bromochloromethane | <31 | | 72 | 31 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Bromodichloromethane | <27 | | 72 | 27 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Bromoform | <35 | | 72 | 35 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Bromomethane | <57 | | 210 | 57 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Carbon tetrachloride | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Chlorobenzene | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Chloroethane | <36 | | 72 | 36 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Chloroform | <27 | | 140 | 27 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Chloromethane | <23 | | 72 | 23 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| cis-1,2-Dichloroethene | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| cis-1,3-Dichloropropene | <30 | | 72 | 30 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-12 (3-4)

Lab Sample ID: 500-170172-17

Date Collected: 09/13/19 16:45

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Dibromochloromethane | <35 | | 72 | 35 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Dibromomethane | <19 | | 72 | 19 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Dichlorodifluoromethane | <48 | | 210 | 48 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Ethylbenzene | 20 | | 18 | 13 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Hexachlorobutadiene | <32 | | 72 | 32 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Isopropyl ether | <20 | | 72 | 20 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Isopropylbenzene | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Methyl tert-butyl ether | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Methylene Chloride | 140 | J B | 360 | 120 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Naphthalene | 140 | | 72 | 24 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| n-Butylbenzene | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| N-Propylbenzene | <30 | | 72 | 30 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| p-Isopropyltoluene | <26 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| sec-Butylbenzene | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Styrene | <28 | | 72 | 28 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| tert-Butylbenzene | <29 | | 72 | 29 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Tetrachloroethene | <27 | | 72 | 27 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Toluene | 83 | | 18 | 11 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| trans-1,2-Dichloroethene | <25 | | 72 | 25 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| trans-1,3-Dichloropropene | <26 | | 72 | 26 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Trichloroethene | <12 | | 36 | 12 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Trichlorofluoromethane | <31 | | 72 | 31 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Vinyl chloride | <19 | | 72 | 19 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Xylenes, Total | 210 | | 36 | 16 | ug/Kg | ☼ | 09/13/19 16:45 | 09/27/19 06:20 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 75 - 126 | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| 4-Bromofluorobenzene (Surr) | 106 | | 72 - 124 | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Dibromofluoromethane | 98 | | 75 - 120 | 09/13/19 16:45 | 09/27/19 06:20 | 50 |
| Toluene-d8 (Surr) | 100 | | 75 - 120 | 09/13/19 16:45 | 09/27/19 06:20 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 270 | | 78 | 9.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| 2-Methylnaphthalene | 320 | | 78 | 7.1 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Acenaphthene | <7.0 | | 38 | 7.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Acenaphthylene | 43 | | 38 | 5.1 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Anthracene | 93 | | 38 | 6.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Benzo[a]anthracene | 310 | | 38 | 5.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Benzo[a]pyrene | 280 | | 38 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Benzo[b]fluoranthene | 580 | | 38 | 8.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Benzo[g,h,i]perylene | 100 | | 38 | 12 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Benzo[k]fluoranthene | 130 | | 38 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Chrysene | 370 | | 38 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Dibenz(a,h)anthracene | 24 | J | 38 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Fluoranthene | 670 | | 38 | 7.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Fluorene | 36 | J | 38 | 5.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Indeno[1,2,3-cd]pyrene | 110 | | 38 | 10 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Naphthalene | 210 | | 38 | 6.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Phenanthrene | 560 | | 38 | 5.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-12 (3-4)

Lab Sample ID: 500-170172-17

Date Collected: 09/13/19 16:45

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Pyrene | 660 | | 38 | 7.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 81 | | 43 - 145 | | | | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Nitrobenzene-d5 (Surr) | 65 | | 37 - 147 | | | | 09/26/19 21:38 | 09/27/19 17:48 | 1 |
| Terphenyl-d14 (Surr) | 86 | | 42 - 157 | | | | 09/26/19 21:38 | 09/27/19 17:48 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 9.9 | | 1.2 | 0.40 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Barium | 130 | | 1.2 | 0.13 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Cadmium | 0.35 | B | 0.24 | 0.042 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Chromium | 8.4 | | 1.2 | 0.58 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Lead | 51 | | 0.59 | 0.27 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Selenium | 1.3 | | 1.2 | 0.69 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |
| Silver | 2.2 | | 0.59 | 0.15 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 10:58 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.23 | | 0.019 | 0.0062 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:55 | 1 |

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 91.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <28 | | 60 | 28 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1,1-Trichloroethane | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1,2,2-Tetrachloroethane | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1,2-Trichloroethane | <21 | | 60 | 21 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1-Dichloroethane | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1-Dichloroethene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,1-Dichloropropene | <18 | | 60 | 18 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2,3-Trichlorobenzene | <27 | | 60 | 27 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2,3-Trichloropropane | <25 | | 120 | 25 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2,4-Trichlorobenzene | <20 | | 60 | 20 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2,4-Trimethylbenzene | <21 | | 60 | 21 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 300 | 120 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2-Dibromoethane | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2-Dichlorobenzene | <20 | | 60 | 20 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2-Dichloroethane | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,2-Dichloropropane | <26 | | 60 | 26 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,3,5-Trimethylbenzene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,3-Dichlorobenzene | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,3-Dichloropropane | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 1,4-Dichlorobenzene | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 2,2-Dichloropropane | <26 | | 60 | 26 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 2-Chlorotoluene | <19 | | 60 | 19 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 4-Chlorotoluene | <21 | | 60 | 21 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Benzene | <8.7 | | 15 | 8.7 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 91.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|------------|-----|-----|-------|---|----------------|----------------|---------|
| Bromobenzene | <21 | | 60 | 21 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Bromochloromethane | <26 | | 60 | 26 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Bromodichloromethane | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Bromoform | <29 | | 60 | 29 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Bromomethane | <48 | | 180 | 48 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Carbon tetrachloride | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Chlorobenzene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Chloroethane | <30 | | 60 | 30 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Chloroform | <22 | | 120 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Chloromethane | <19 | | 60 | 19 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| cis-1,2-Dichloroethene | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| cis-1,3-Dichloropropene | <25 | | 60 | 25 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Dibromochloromethane | <29 | | 60 | 29 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Dibromomethane | <16 | | 60 | 16 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Dichlorodifluoromethane | <40 | | 180 | 40 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Ethylbenzene | <11 | | 15 | 11 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Hexachlorobutadiene | <27 | | 60 | 27 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Isopropyl ether | <16 | | 60 | 16 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Isopropylbenzene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Methyl tert-butyl ether | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Methylene Chloride | 120 | J B | 300 | 97 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Naphthalene | 25 | J | 60 | 20 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| n-Butylbenzene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| N-Propylbenzene | <25 | | 60 | 25 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| p-Isopropyltoluene | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| sec-Butylbenzene | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Styrene | <23 | | 60 | 23 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| tert-Butylbenzene | <24 | | 60 | 24 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Tetrachloroethene | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Toluene | <8.8 | | 15 | 8.8 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| trans-1,2-Dichloroethene | <21 | | 60 | 21 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| trans-1,3-Dichloropropene | <22 | | 60 | 22 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Trichloroethene | <9.8 | | 30 | 9.8 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Trichlorofluoromethane | <26 | | 60 | 26 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Vinyl chloride | <16 | | 60 | 16 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Xylenes, Total | <13 | | 30 | 13 | ug/Kg | ☼ | 09/13/19 16:50 | 09/27/19 06:47 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 75 - 126 | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| 4-Bromofluorobenzene (Surr) | 105 | | 72 - 124 | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Dibromofluoromethane | 98 | | 75 - 120 | 09/13/19 16:50 | 09/27/19 06:47 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/13/19 16:50 | 09/27/19 06:47 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 84 | | 70 | 8.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| 2-Methylnaphthalene | 110 | | 70 | 6.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Acenaphthene | 400 | | 34 | 6.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Acenaphthylene | 21 | J | 34 | 4.6 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Anthracene | 590 | | 34 | 5.8 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 91.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| Benzo[a]anthracene | 1000 | | 34 | 4.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Benzo[a]pyrene | 990 | | 34 | 6.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Benzo[b]fluoranthene | 1400 | | 34 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Benzo[g,h,i]perylene | 370 | | 34 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Benzo[k]fluoranthene | 460 | | 34 | 10 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Chrysene | 1100 | | 34 | 9.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Dibenz(a,h)anthracene | 110 | | 34 | 6.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Fluorene | 320 | | 34 | 4.9 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Indeno[1,2,3-cd]pyrene | 310 | | 34 | 9.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Naphthalene | 230 | | 34 | 5.3 | ug/Kg | ☼ | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 80 | | 43 - 145 | | | | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Nitrobenzene-d5 (Surr) | 74 | | 37 - 147 | | | | 09/26/19 21:38 | 09/30/19 19:23 | 1 |
| Terphenyl-d14 (Surr) | 92 | | 42 - 157 | | | | 09/26/19 21:38 | 09/30/19 19:23 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS) - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Fluoranthene | 3700 | | 170 | 32 | ug/Kg | ☼ | 09/26/19 21:38 | 10/01/19 13:23 | 5 |
| Phenanthrene | 3800 | | 170 | 24 | ug/Kg | ☼ | 09/26/19 21:38 | 10/01/19 13:23 | 5 |
| Pyrene | 3000 | | 170 | 34 | ug/Kg | ☼ | 09/26/19 21:38 | 10/01/19 13:23 | 5 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.5 | | 0.95 | 0.32 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Barium | 43 | | 0.95 | 0.11 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Cadmium | 0.16 | J B | 0.19 | 0.034 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Chromium | 9.7 | | 0.95 | 0.47 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Lead | 21 | | 0.47 | 0.22 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Selenium | 0.68 | J | 0.95 | 0.56 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |
| Silver | 2.2 | | 0.47 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:02 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.046 | | 0.017 | 0.0057 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 08:57 | 1 |

Client Sample ID: TW-1

Lab Sample ID: 500-170172-19

Date Collected: 09/13/19 15:25

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1-Dichloroethane | 3.3 | | 1.0 | 0.41 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/26/19 19:11 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TW-1
Date Collected: 09/13/19 15:25
Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-19
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|------------|------|------|------|---|----------|----------------|---------|
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2,4-Trimethylbenzene | 15 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,3,5-Trimethylbenzene | 4.6 | | 1.0 | 0.25 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/26/19 19:11 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/26/19 19:11 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 19:11 | 1 |
| Benzene | 1.7 | | 0.50 | 0.15 | ug/L | | | 09/26/19 19:11 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 19:11 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/26/19 19:11 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/26/19 19:11 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/26/19 19:11 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 19:11 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/26/19 19:11 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/26/19 19:11 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/26/19 19:11 | 1 |
| cis-1,2-Dichloroethene | 12 | | 1.0 | 0.41 | ug/L | | | 09/26/19 19:11 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/26/19 19:11 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/26/19 19:11 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/26/19 19:11 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/26/19 19:11 | 1 |
| Ethylbenzene | 6.1 | | 0.50 | 0.18 | ug/L | | | 09/26/19 19:11 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/26/19 19:11 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/26/19 19:11 | 1 |
| Isopropylbenzene | 1.0 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| Methylene Chloride | 2.1 | J B | 5.0 | 1.6 | ug/L | | | 09/26/19 19:11 | 1 |
| Naphthalene | 8.5 | | 1.0 | 0.34 | ug/L | | | 09/26/19 19:11 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| N-Propylbenzene | 2.7 | | 1.0 | 0.41 | ug/L | | | 09/26/19 19:11 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 19:11 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 19:11 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 19:11 | 1 |
| Tetrachloroethene | 0.42 | J | 1.0 | 0.37 | ug/L | | | 09/26/19 19:11 | 1 |
| Toluene | 0.79 | | 0.50 | 0.15 | ug/L | | | 09/26/19 19:11 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 19:11 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 19:11 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/26/19 19:11 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 19:11 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TW-1

Lab Sample ID: 500-170172-19

Date Collected: 09/13/19 15:25

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/26/19 19:11 | 1 |
| Xylenes, Total | 13 | | 1.0 | 0.22 | ug/L | | | 09/26/19 19:11 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 75 - 126 | | | | | 09/26/19 19:11 | 1 |
| 4-Bromofluorobenzene (Surr) | 108 | | 72 - 124 | | | | | 09/26/19 19:11 | 1 |
| Dibromofluoromethane | 103 | | 75 - 120 | | | | | 09/26/19 19:11 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | | 09/26/19 19:11 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------------|------------|-----------|----------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 1.4 | J | 1.6 | 0.24 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| 2-Methylnaphthalene | 1.4 | J | 1.6 | 0.052 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Acenaphthene | <0.25 | | 0.80 | 0.25 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Acenaphthylene | <0.21 | | 0.80 | 0.21 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Anthracene | <0.27 | | 0.80 | 0.27 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Benzo[a]pyrene | <0.079 | | 0.16 | 0.079 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Benzo[b]fluoranthene | <0.064 | | 0.16 | 0.064 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.80 | 0.30 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Chrysene | <0.054 | | 0.16 | 0.054 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Fluoranthene | <0.36 | | 0.80 | 0.36 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Fluorene | <0.19 | | 0.80 | 0.19 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.060 | | 0.16 | 0.060 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Naphthalene | 2.9 | | 0.80 | 0.25 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Phenanthrene | <0.24 | | 0.80 | 0.24 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Pyrene | <0.34 | | 0.80 | 0.34 | ug/L | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 40 | | 34 - 110 | | | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Nitrobenzene-d5 (Surr) | 39 | | 36 - 120 | | | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |
| Terphenyl-d14 (Surr) | 63 | | 40 - 145 | | | | 09/19/19 09:17 | 09/22/19 23:16 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|----------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0039 | | 0.0010 | 0.00023 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Barium | 0.12 | | 0.0025 | 0.00073 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Chromium | <0.0011 | | 0.0050 | 0.0011 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Lead | 0.00058 | | 0.00050 | 0.00019 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Selenium | <0.00098 | | 0.0025 | 0.00098 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 09/30/19 08:47 | 09/30/19 17:59 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 09/25/19 10:00 | 09/26/19 09:26 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-02

Lab Sample ID: 500-170172-20

Date Collected: 09/13/19 15:35

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|------------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1-Dichloroethane | 3.6 | | 1.0 | 0.41 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2,4-Trimethylbenzene | 15 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,3,5-Trimethylbenzene | 4.7 | | 1.0 | 0.25 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/27/19 07:42 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/27/19 07:42 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 07:42 | 1 |
| Benzene | 1.7 | | 0.50 | 0.15 | ug/L | | | 09/27/19 07:42 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 07:42 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 07:42 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/27/19 07:42 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/27/19 07:42 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 07:42 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/27/19 07:42 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/27/19 07:42 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/27/19 07:42 | 1 |
| cis-1,2-Dichloroethene | 12 | | 1.0 | 0.41 | ug/L | | | 09/27/19 07:42 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/27/19 07:42 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/27/19 07:42 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/27/19 07:42 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/27/19 07:42 | 1 |
| Ethylbenzene | 6.1 | | 0.50 | 0.18 | ug/L | | | 09/27/19 07:42 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/27/19 07:42 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/27/19 07:42 | 1 |
| Isopropylbenzene | 1.1 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| Methylene Chloride | 1.9 | J B | 5.0 | 1.6 | ug/L | | | 09/27/19 07:42 | 1 |
| Naphthalene | 8.9 | | 1.0 | 0.34 | ug/L | | | 09/27/19 07:42 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| N-Propylbenzene | 2.7 | | 1.0 | 0.41 | ug/L | | | 09/27/19 07:42 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-02

Lab Sample ID: 500-170172-20

Date Collected: 09/13/19 15:35

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 07:42 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 07:42 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 07:42 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 07:42 | 1 |
| Toluene | 0.75 | | 0.50 | 0.15 | ug/L | | | 09/27/19 07:42 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 07:42 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 07:42 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/27/19 07:42 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 07:42 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/27/19 07:42 | 1 |
| Xylenes, Total | 13 | | 1.0 | 0.22 | ug/L | | | 09/27/19 07:42 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 114 | | 75 - 126 | | | | | 09/27/19 07:42 | 1 |
| 4-Bromofluorobenzene (Surr) | 117 | | 72 - 124 | | | | | 09/27/19 07:42 | 1 |
| Dibromofluoromethane | 108 | | 75 - 120 | | | | | 09/27/19 07:42 | 1 |
| Toluene-d8 (Surr) | 95 | | 75 - 120 | | | | | 09/27/19 07:42 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------------|------------------|------------------|---------------|-------|------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | 1.4 | J | 1.6 | 0.24 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| 2-Methylnaphthalene | 1.4 | J | 1.6 | 0.052 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Acenaphthene | <0.25 | | 0.81 | 0.25 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Acenaphthylene | <0.22 | | 0.81 | 0.22 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Anthracene | <0.27 | | 0.81 | 0.27 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Benzo[a]anthracene | <0.046 | | 0.16 | 0.046 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Benzo[a]pyrene | <0.080 | | 0.16 | 0.080 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Benzo[b]fluoranthene | <0.065 | | 0.16 | 0.065 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.81 | 0.30 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Benzo[k]fluoranthene | <0.052 | | 0.16 | 0.052 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Chrysene | <0.055 | | 0.16 | 0.055 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Fluoranthene | <0.37 | | 0.81 | 0.37 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Fluorene | <0.20 | | 0.81 | 0.20 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.060 | | 0.16 | 0.060 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Naphthalene | 2.9 | | 0.81 | 0.25 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Phenanthrene | <0.24 | | 0.81 | 0.24 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Pyrene | <0.34 | | 0.81 | 0.34 | ug/L | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 44 | | 34 - 110 | | | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Nitrobenzene-d5 (Surr) | 38 | | 36 - 120 | | | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |
| Terphenyl-d14 (Surr) | 67 | | 40 - 145 | | | | 09/19/19 09:17 | 09/22/19 23:38 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0042 | | 0.0010 | 0.00023 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |
| Barium | 0.12 | | 0.0025 | 0.00073 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |
| Chromium | <0.0011 | | 0.0050 | 0.0011 | mg/L | | 10/01/19 10:24 | 10/01/19 14:37 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-02

Lab Sample ID: 500-170172-20

Date Collected: 09/13/19 15:35

Matrix: Water

Date Received: 09/17/19 08:40

Method: 6020A - Metals (ICP/MS) - Dissolved (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Lead | 0.00035 | J | 0.00050 | 0.00019 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |
| Selenium | <0.00098 | | 0.0025 | 0.00098 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 09/30/19 08:47 | 09/30/19 18:01 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 09/25/19 10:00 | 09/26/19 09:28 | 1 |

Client Sample ID: TW-2

Lab Sample ID: 500-170172-21

Date Collected: 09/13/19 16:40

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2,4-Trimethylbenzene | 0.42 | J | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/27/19 05:25 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/27/19 05:25 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:25 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/27/19 05:25 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:25 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 05:25 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/27/19 05:25 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/27/19 05:25 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 05:25 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/27/19 05:25 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/27/19 05:25 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/27/19 05:25 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:25 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/27/19 05:25 | 1 |

Eurolins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TW-2
Date Collected: 09/13/19 16:40
Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-21
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-------------|------------|------|------|------|---|----------|----------------|---------|
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/27/19 05:25 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/27/19 05:25 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/27/19 05:25 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 09/27/19 05:25 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/27/19 05:25 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/27/19 05:25 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| Methylene Chloride | 2.8 | J B | 5.0 | 1.6 | ug/L | | | 09/27/19 05:25 | 1 |
| Naphthalene | 0.71 | J | 1.0 | 0.34 | ug/L | | | 09/27/19 05:25 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:25 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:25 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:25 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:25 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 05:25 | 1 |
| Toluene | 0.31 | J | 0.50 | 0.15 | ug/L | | | 09/27/19 05:25 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:25 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:25 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/27/19 05:25 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:25 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/27/19 05:25 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 09/27/19 05:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 75 - 126 | | 09/27/19 05:25 | 1 |
| 4-Bromofluorobenzene (Surr) | 124 | | 72 - 124 | | 09/27/19 05:25 | 1 |
| Dibromofluoromethane | 95 | | 75 - 120 | | 09/27/19 05:25 | 1 |
| Toluene-d8 (Surr) | 105 | | 75 - 120 | | 09/27/19 05:25 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <0.24 | | 1.6 | 0.24 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| 2-Methylnaphthalene | <0.051 | | 1.6 | 0.051 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Acenaphthene | <0.24 | | 0.79 | 0.24 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Acenaphthylene | <0.21 | | 0.79 | 0.21 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Anthracene | <0.26 | | 0.79 | 0.26 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Benzo[a]pyrene | <0.078 | | 0.16 | 0.078 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Benzo[b]fluoranthene | <0.064 | | 0.16 | 0.064 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.79 | 0.30 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Chrysene | <0.054 | | 0.16 | 0.054 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Dibenz(a,h)anthracene | <0.040 | | 0.24 | 0.040 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Fluoranthene | <0.36 | | 0.79 | 0.36 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Fluorene | <0.19 | | 0.79 | 0.19 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.059 | | 0.16 | 0.059 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Naphthalene | <0.24 | | 0.79 | 0.24 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Phenanthrene | <0.24 | | 0.79 | 0.24 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TW-2
Date Collected: 09/13/19 16:40
Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-21
Matrix: Water

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|------------------|------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| Pyrene | <0.34 | | 0.79 | 0.34 | ug/L | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 63 | | 34 - 110 | | | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Nitrobenzene-d5 (Surr) | 61 | | 36 - 120 | | | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |
| Terphenyl-d14 (Surr) | 109 | | 40 - 145 | | | | 09/19/19 09:17 | 09/23/19 00:01 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|----------------|------------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.00046 | J | 0.0010 | 0.00023 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Barium | 0.10 | | 0.0025 | 0.00073 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Chromium | 0.0013 | J B | 0.0050 | 0.0011 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Lead | <0.00019 | | 0.00050 | 0.00019 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Selenium | 0.0013 | J | 0.0025 | 0.00098 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 09/30/19 08:47 | 09/30/19 18:02 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 09/25/19 10:00 | 09/26/19 09:29 | 1 |

Client Sample ID: TB-01 (Trip Blank)

Date Collected: 09/13/19 00:00
Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-22
Matrix: Solid
Percent Solids: 100.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <23 | | 50 | 23 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1,1-Trichloroethane | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1,2,2-Tetrachloroethane | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1,2-Trichloroethane | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1-Dichloroethane | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1-Dichloroethene | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,1-Dichloropropene | <15 | | 50 | 15 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2,3-Trichlorobenzene | <23 | | 50 | 23 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2,3-Trichloropropane | <21 | | 100 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2,4-Trichlorobenzene | <17 | | 50 | 17 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2,4-Trimethylbenzene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2-Dibromo-3-Chloropropane | <100 | | 250 | 100 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2-Dibromoethane | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2-Dichlorobenzene | <17 | | 50 | 17 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2-Dichloroethane | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,2-Dichloropropane | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,3,5-Trimethylbenzene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,3-Dichlorobenzene | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,3-Dichloropropane | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 1,4-Dichlorobenzene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 2,2-Dichloropropane | <22 | | 50 | 22 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 2-Chlorotoluene | <16 | | 50 | 16 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 4-Chlorotoluene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Benzene | <7.3 | | 13 | 7.3 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TB-01 (Trip Blank)

Lab Sample ID: 500-170172-22

Date Collected: 09/13/19 00:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 100.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| Bromobenzene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Bromochloromethane | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Bromodichloromethane | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Bromoform | <24 | | 50 | 24 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Bromomethane | <40 | | 150 | 40 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Carbon tetrachloride | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Chlorobenzene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Chloroethane | <25 | | 50 | 25 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Chloroform | <19 | | 100 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Chloromethane | <16 | | 50 | 16 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| cis-1,2-Dichloroethene | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| cis-1,3-Dichloropropene | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Dibromochloromethane | <24 | | 50 | 24 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Dibromomethane | <14 | | 50 | 14 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Dichlorodifluoromethane | <34 | | 150 | 34 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Ethylbenzene | <9.2 | | 13 | 9.2 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Hexachlorobutadiene | <22 | | 50 | 22 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Isopropyl ether | <14 | | 50 | 14 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Isopropylbenzene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Methyl tert-butyl ether | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Methylene Chloride | <82 | | 250 | 82 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Naphthalene | <17 | | 50 | 17 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| n-Butylbenzene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| N-Propylbenzene | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| p-Isopropyltoluene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| sec-Butylbenzene | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Styrene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| tert-Butylbenzene | <20 | | 50 | 20 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Tetrachloroethene | <19 | | 50 | 19 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Toluene | <7.4 | | 13 | 7.4 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| trans-1,2-Dichloroethene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| trans-1,3-Dichloropropene | <18 | | 50 | 18 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Trichloroethene | <8.2 | | 25 | 8.2 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Trichlorofluoromethane | <21 | | 50 | 21 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Vinyl chloride | <13 | | 50 | 13 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Xylenes, Total | <11 | | 25 | 11 | ug/Kg | ☼ | 09/13/19 00:00 | 09/27/19 07:15 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| 4-Bromofluorobenzene (Surr) | 107 | | 72 - 124 | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Dibromofluoromethane | 98 | | 75 - 120 | 09/13/19 00:00 | 09/27/19 07:15 | 50 |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | 09/13/19 00:00 | 09/27/19 07:15 | 50 |

Client Sample ID: TB-02 (Trip Blank)

Lab Sample ID: 500-170172-23

Date Collected: 09/13/19 00:00

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 05:52 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TB-02 (Trip Blank)

Lab Sample ID: 500-170172-23

Date Collected: 09/13/19 00:00

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|------------|------|------|------|---|----------|----------------|---------|
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/27/19 05:52 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/27/19 05:52 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:52 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/27/19 05:52 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:52 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 05:52 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/27/19 05:52 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/27/19 05:52 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/27/19 05:52 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/27/19 05:52 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/27/19 05:52 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/27/19 05:52 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:52 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/27/19 05:52 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/27/19 05:52 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/27/19 05:52 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/27/19 05:52 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 09/27/19 05:52 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/27/19 05:52 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/27/19 05:52 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| Methylene Chloride | 3.8 | J B | 5.0 | 1.6 | ug/L | | | 09/27/19 05:52 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/27/19 05:52 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/27/19 05:52 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:52 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TB-02 (Trip Blank)

Lab Sample ID: 500-170172-23

Date Collected: 09/13/19 00:00

Matrix: Water

Date Received: 09/17/19 08:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|------|------|---|----------|----------------|---------|
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/27/19 05:52 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/27/19 05:52 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/27/19 05:52 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/27/19 05:52 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/27/19 05:52 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/27/19 05:52 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/27/19 05:52 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/27/19 05:52 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/27/19 05:52 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 09/27/19 05:52 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 100 | | 75 - 126 | | | | | 09/27/19 05:52 | 1 |
| 4-Bromofluorobenzene (Surr) | 105 | | 72 - 124 | | | | | 09/27/19 05:52 | 1 |
| Dibromofluoromethane | 99 | | 75 - 120 | | | | | 09/27/19 05:52 | 1 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | | | | | 09/27/19 05:52 | 1 |

Client Sample ID: SB-3 (5-6)

Lab Sample ID: 500-170172-24

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 49 | J | 81 | 9.8 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| 2-Methylnaphthalene | 50 | J | 81 | 7.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Acenaphthene | 16 | J | 40 | 7.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Acenaphthylene | 15 | J | 40 | 5.3 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Anthracene | 53 | | 40 | 6.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Benzo[a]anthracene | 250 | | 40 | 5.4 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Benzo[a]pyrene | 270 | | 40 | 7.8 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Benzo[b]fluoranthene | 410 | | 40 | 8.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Benzo[g,h,i]perylene | 88 | | 40 | 13 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Benzo[k]fluoranthene | 120 | | 40 | 12 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Chrysene | 320 | | 40 | 11 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Dibenz(a,h)anthracene | 27 | J | 40 | 7.8 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Fluoranthene | 530 | | 40 | 7.5 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Fluorene | 14 | J | 40 | 5.7 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Indeno[1,2,3-cd]pyrene | 87 | | 40 | 10 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Naphthalene | 34 | J | 40 | 6.2 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Phenanthrene | 250 | | 40 | 5.6 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Pyrene | 470 | | 40 | 8.0 | ug/Kg | ☼ | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl | 74 | | 43 - 145 | | | | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Nitrobenzene-d5 (Surr) | 61 | | 37 - 147 | | | | 09/26/19 21:38 | 09/27/19 17:21 | 1 |
| Terphenyl-d14 (Surr) | 81 | | 42 - 157 | | | | 09/26/19 21:38 | 09/27/19 17:21 | 1 |

Method: 6010B - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-----|------|-------|---|----------------|----------------|---------|
| Arsenic | 5.0 | | 1.1 | 0.36 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |
| Barium | 87 | | 1.1 | 0.12 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-3 (5-6)

Lab Sample ID: 500-170172-24

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.5

Method: 6010B - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Cadmium | 0.36 | B | 0.21 | 0.038 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |
| Chromium | 11 | | 1.1 | 0.52 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |
| Lead | 93 | | 0.53 | 0.24 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |
| Selenium | <0.62 | | 1.1 | 0.62 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |
| Silver | 2.1 | | 0.53 | 0.14 | mg/Kg | ☼ | 10/01/19 10:32 | 10/02/19 11:06 | 1 |

Method: 7471A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.14 | | 0.018 | 0.0061 | mg/Kg | ☼ | 09/26/19 14:35 | 09/27/19 09:03 | 1 |

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| B | Compound was found in the blank and sample. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| E | Result exceeded calibration range. |
| F1 | MS and/or MSD Recovery is outside acceptance limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| X | Surrogate is outside control limits |

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| B | Compound was found in the blank and sample. |
| F1 | MS and/or MSD Recovery is outside acceptance limits. |
| F2 | MS/MSD RPD exceeds control limits |
| F5 | Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

QC Association Summary

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

GC/MS VOA

Prep Batch: 506135

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-2 | SB-1 (6-8) | Total/NA | Solid | 5035 | |
| 500-170172-3 | SB-2 (0.5-3) | Total/NA | Solid | 5035 | |
| 500-170172-5 | SB-3 (1-3) | Total/NA | Solid | 5035 | |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 5035 | |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 5035 | |
| 500-170172-11 | SB-7 (13.5-14.5) | Total/NA | Solid | 5035 | |
| 500-170172-12 | SB-8 (2-3) | Total/NA | Solid | 5035 | |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 5035 | |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 5035 | |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-22 | TB-01 (Trip Blank) | Total/NA | Solid | 5035 | |
| LB3 500-506135/21-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 500-506135/22-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 5035 | |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 5035 | |

Analysis Batch: 506814

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-2 | SB-1 (6-8) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-3 | SB-2 (0.5-3) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-5 | SB-3 (1-3) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 8260B | 506135 |
| 500-170172-11 | SB-7 (13.5-14.5) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-12 | SB-8 (2-3) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 8260B | 506135 |
| LB3 500-506135/21-A | Method Blank | Total/NA | Solid | 8260B | 506135 |
| MB 500-506814/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 500-506135/22-A | Lab Control Sample | Total/NA | Solid | 8260B | 506135 |
| LCS 500-506814/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 8260B | 506135 |

Analysis Batch: 506823

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-19 | TW-1 | Total/NA | Water | 8260B | |
| MB 500-506823/7 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-506823/5 | Lab Control Sample | Total/NA | Water | 8260B | |
| 500-170172-19 MS | TW-1 | Total/NA | Water | 8260B | |
| 500-170172-19 MSD | TW-1 | Total/NA | Water | 8260B | |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

GC/MS VOA

Analysis Batch: 506947

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 8260B | 506135 |
| 500-170172-22 | TB-01 (Trip Blank) | Total/NA | Solid | 8260B | 506135 |
| MB 500-506947/6 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 500-506947/4 | Lab Control Sample | Total/NA | Solid | 8260B | |

Analysis Batch: 506948

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-20 | DUP-02 | Total/NA | Water | 8260B | |
| 500-170172-21 | TW-2 | Total/NA | Water | 8260B | |
| 500-170172-23 | TB-02 (Trip Blank) | Total/NA | Water | 8260B | |
| MB 500-506948/6 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-506948/4 | Lab Control Sample | Total/NA | Water | 8260B | |

GC/MS Semi VOA

Prep Batch: 505695

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-19 | TW-1 | Total/NA | Water | 3510C | |
| 500-170172-20 | DUP-02 | Total/NA | Water | 3510C | |
| 500-170172-21 | TW-2 | Total/NA | Water | 3510C | |
| MB 500-505695/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 500-505695/2-A | Lab Control Sample | Total/NA | Water | 3510C | |

Analysis Batch: 505806

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 500-505695/1-A | Method Blank | Total/NA | Water | 8270D | 505695 |
| LCS 500-505695/2-A | Lab Control Sample | Total/NA | Water | 8270D | 505695 |

Analysis Batch: 506182

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-170172-19 | TW-1 | Total/NA | Water | 8270D | 505695 |
| 500-170172-20 | DUP-02 | Total/NA | Water | 8270D | 505695 |
| 500-170172-21 | TW-2 | Total/NA | Water | 8270D | 505695 |

Prep Batch: 507016

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 3541 | |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-18 - DL | SB-13 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 3541 | |
| MB 500-507016/1-A | Method Blank | Total/NA | Solid | 3541 | |
| LCS 500-507016/2-A | Lab Control Sample | Total/NA | Solid | 3541 | |
| 500-170172-16 MS | SB-11 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-16 MSD | SB-11 (2-4) | Total/NA | Solid | 3541 | |

Analysis Batch: 507073

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 8270D | 507016 |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 8270D | 507016 |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

GC/MS Semi VOA (Continued)

Analysis Batch: 507073 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|------------------|-----------|--------|--------|------------|
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 8270D | 507016 |
| 500-170172-16 MS | SB-11 (2-4) | Total/NA | Solid | 8270D | 507016 |
| 500-170172-16 MSD | SB-11 (2-4) | Total/NA | Solid | 8270D | 507016 |

Analysis Batch: 507079

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| MB 500-507016/1-A | Method Blank | Total/NA | Solid | 8270D | 507016 |
| LCS 500-507016/2-A | Lab Control Sample | Total/NA | Solid | 8270D | 507016 |

Prep Batch: 507202

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 3541 | |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 3541 | |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 3541 | |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 3541 | |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 3541 | |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 3541 | |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 3541 | |
| MB 500-507202/1-A | Method Blank | Total/NA | Solid | 3541 | |
| LCS 500-507202/2-A | Lab Control Sample | Total/NA | Solid | 3541 | |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 3541 | |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 3541 | |

Analysis Batch: 507283

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 8270D | 507202 |
| MB 500-507202/1-A | Method Blank | Total/NA | Solid | 8270D | 507202 |
| LCS 500-507202/2-A | Lab Control Sample | Total/NA | Solid | 8270D | 507202 |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 8270D | 507202 |

Analysis Batch: 507504

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 8270D | 507202 |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 8270D | 507016 |

Analysis Batch: 507655

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------|-----------|--------|--------|------------|
| 500-170172-18 - DL | SB-13 (2-4) | Total/NA | Solid | 8270D | 507016 |

QC Association Summary

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Metals

Prep Batch: 506716

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-19 | TW-1 | Dissolved | Water | 7470A | |
| 500-170172-20 | DUP-02 | Dissolved | Water | 7470A | |
| 500-170172-21 | TW-2 | Dissolved | Water | 7470A | |
| MB 500-506716/12-A | Method Blank | Total/NA | Water | 7470A | |
| LCS 500-506716/13-A | Lab Control Sample | Total/NA | Water | 7470A | |

Prep Batch: 506912

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 7471A | |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 7471A | |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 7471A | |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 7471A | |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 7471A | |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 7471A | |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 7471A | |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 7471A | |
| MB 500-506912/12-A | Method Blank | Total/NA | Solid | 7471A | |
| LCS 500-506912/13-A | Lab Control Sample | Total/NA | Solid | 7471A | |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 7471A | |
| 500-170172-6 DU | SB-4 (2-4) | Total/NA | Solid | 7471A | |

Analysis Batch: 506918

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-19 | TW-1 | Dissolved | Water | 7470A | 506716 |
| 500-170172-20 | DUP-02 | Dissolved | Water | 7470A | 506716 |
| 500-170172-21 | TW-2 | Dissolved | Water | 7470A | 506716 |
| MB 500-506716/12-A | Method Blank | Total/NA | Water | 7470A | 506716 |
| LCS 500-506716/13-A | Lab Control Sample | Total/NA | Water | 7470A | 506716 |

Analysis Batch: 507131

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 7471A | 506912 |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 7471A | 506912 |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Metals (Continued)

Analysis Batch: 507131 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 7471A | 506912 |
| MB 500-506912/12-A | Method Blank | Total/NA | Solid | 7471A | 506912 |
| LCS 500-506912/13-A | Lab Control Sample | Total/NA | Solid | 7471A | 506912 |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 7471A | 506912 |
| 500-170172-6 DU | SB-4 (2-4) | Total/NA | Solid | 7471A | 506912 |

Prep Batch: 507443

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-170172-19 | TW-1 | Dissolved | Water | 3005A | |
| 500-170172-20 | DUP-02 | Dissolved | Water | 3005A | |
| 500-170172-21 | TW-2 | Dissolved | Water | 3005A | |
| MB 500-507443/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 500-507443/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |

Analysis Batch: 507668

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-170172-19 | TW-1 | Dissolved | Water | 6020A | 507443 |
| 500-170172-20 | DUP-02 | Dissolved | Water | 6020A | 507443 |
| 500-170172-21 | TW-2 | Dissolved | Water | 6020A | 507443 |
| MB 500-507443/1-A | Method Blank | Total Recoverable | Water | 6020A | 507443 |
| LCS 500-507443/2-A | Lab Control Sample | Total Recoverable | Water | 6020A | 507443 |

Prep Batch: 507721

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 500-170172-20 | DUP-02 | Dissolved | Water | 3005A | |
| MB 500-507721/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 500-507721/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| LCSD 500-507721/3-A | Lab Control Sample Dup | Total Recoverable | Water | 3005A | |

Prep Batch: 507723

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 3050B | |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 3050B | |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 3050B | |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 3050B | |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 3050B | |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 3050B | |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 3050B | |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 3050B | |
| MB 500-507723/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 500-507723/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 3050B | |
| 500-170172-6 DU | SB-4 (2-4) | Total/NA | Solid | 3050B | |

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QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Metals

Analysis Batch: 507795

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-------------------|--------|--------|------------|
| 500-170172-20 | DUP-02 | Dissolved | Water | 6020A | 507721 |
| MB 500-507721/1-A | Method Blank | Total Recoverable | Water | 6020A | 507721 |
| LCS 500-507721/2-A | Lab Control Sample | Total Recoverable | Water | 6020A | 507721 |
| LCSD 500-507721/3-A | Lab Control Sample Dup | Total Recoverable | Water | 6020A | 507721 |

Analysis Batch: 508029

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-9 | DUP-01 | Total/NA | Solid | 6010B | 507723 |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | 6010B | 507723 |
| MB 500-507723/1-A | Method Blank | Total/NA | Solid | 6010B | 507723 |
| LCS 500-507723/2-A | Lab Control Sample | Total/NA | Solid | 6010B | 507723 |
| 500-170172-6 MS | SB-4 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-6 MSD | SB-4 (2-4) | Total/NA | Solid | 6010B | 507723 |
| 500-170172-6 DU | SB-4 (2-4) | Total/NA | Solid | 6010B | 507723 |

General Chemistry

Analysis Batch: 506658

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|--------------------|-----------|--------|----------|------------|
| 500-170172-1 | SB-1 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-2 | SB-1 (6-8) | Total/NA | Solid | Moisture | |
| 500-170172-3 | SB-2 (0.5-3) | Total/NA | Solid | Moisture | |
| 500-170172-4 | SB-2 (3-4) | Total/NA | Solid | Moisture | |
| 500-170172-5 | SB-3 (1-3) | Total/NA | Solid | Moisture | |
| 500-170172-6 | SB-4 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-7 | SB-5 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-8 | SB-6 (5-6) | Total/NA | Solid | Moisture | |
| 500-170172-9 | DUP-01 | Total/NA | Solid | Moisture | |
| 500-170172-10 | SB-7 (0.5-1.5) | Total/NA | Solid | Moisture | |
| 500-170172-11 | SB-7 (13.5-14.5) | Total/NA | Solid | Moisture | |
| 500-170172-12 | SB-8 (2-3) | Total/NA | Solid | Moisture | |
| 500-170172-13 | SB-8 (3-4) | Total/NA | Solid | Moisture | |
| 500-170172-14 | SB-9 (1-3) | Total/NA | Solid | Moisture | |
| 500-170172-15 | SB-10 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-16 | SB-11 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-17 | SB-12 (3-4) | Total/NA | Solid | Moisture | |
| 500-170172-18 | SB-13 (2-4) | Total/NA | Solid | Moisture | |
| 500-170172-22 | TB-01 (Trip Blank) | Total/NA | Solid | Moisture | |
| 500-170172-24 | SB-3 (5-6) | Total/NA | Solid | Moisture | |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

General Chemistry (Continued)

Analysis Batch: 506658 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------|------------------|-----------|--------|----------|------------|
| 500-170172-7 DU | SB-5 (2-4) | Total/NA | Solid | Moisture | |

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Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---------------------|--------------------|--|-----------------|------------------|-----------------|
| | | DCA (75-126) | BFB (72-124) | DBFM (75-120) | TOL (75-120) |
| 500-170172-2 | SB-1 (6-8) | 94 | 110 | 90 | 102 |
| 500-170172-3 | SB-2 (0.5-3) | 95 | 112 | 91 | 101 |
| 500-170172-5 | SB-3 (1-3) | 93 | 109 | 90 | 102 |
| 500-170172-6 | SB-4 (2-4) | 96 | 111 | 90 | 102 |
| 500-170172-6 MS | SB-4 (2-4) | 97 | 100 | 95 | 106 |
| 500-170172-6 MSD | SB-4 (2-4) | 94 | 100 | 95 | 107 |
| 500-170172-7 | SB-5 (2-4) | 95 | 109 | 89 | 102 |
| 500-170172-8 | SB-6 (5-6) | 96 | 111 | 90 | 101 |
| 500-170172-9 | DUP-01 | 94 | 110 | 89 | 101 |
| 500-170172-11 | SB-7 (13.5-14.5) | 96 | 112 | 89 | 102 |
| 500-170172-12 | SB-8 (2-3) | 96 | 110 | 89 | 102 |
| 500-170172-14 | SB-9 (1-3) | 96 | 105 | 91 | 102 |
| 500-170172-15 | SB-10 (2-4) | 97 | 107 | 89 | 106 |
| 500-170172-16 | SB-11 (2-4) | 96 | 113 | 90 | 103 |
| 500-170172-17 | SB-12 (3-4) | 100 | 106 | 98 | 100 |
| 500-170172-18 | SB-13 (2-4) | 102 | 105 | 98 | 102 |
| 500-170172-22 | TB-01 (Trip Blank) | 99 | 107 | 98 | 99 |
| LB3 500-506135/21-A | Method Blank | 93 | 108 | 89 | 102 |
| LCS 500-506135/22-A | Lab Control Sample | 95 | 99 | 96 | 108 |
| LCS 500-506814/4 | Lab Control Sample | 90 | 100 | 93 | 107 |
| LCS 500-506947/4 | Lab Control Sample | 98 | 103 | 106 | 104 |
| MB 500-506814/6 | Method Blank | 91 | 110 | 89 | 102 |
| MB 500-506947/6 | Method Blank | 103 | 112 | 99 | 102 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|-------------------|--------------------|--|-----------------|------------------|-----------------|
| | | DCA (75-126) | BFB (72-124) | DBFM (75-120) | TOL (75-120) |
| 500-170172-19 | TW-1 | 100 | 108 | 103 | 102 |
| 500-170172-19 MS | TW-1 | 99 | 114 | 104 | 102 |
| 500-170172-19 MSD | TW-1 | 102 | 109 | 107 | 101 |
| 500-170172-20 | DUP-02 | 114 | 117 | 108 | 95 |
| 500-170172-21 | TW-2 | 104 | 124 | 95 | 105 |
| 500-170172-23 | TB-02 (Trip Blank) | 100 | 105 | 99 | 101 |
| LCS 500-506823/5 | Lab Control Sample | 104 | 109 | 99 | 98 |
| LCS 500-506948/4 | Lab Control Sample | 98 | 103 | 106 | 104 |
| MB 500-506823/7 | Method Blank | 102 | 96 | 96 | 113 |
| MB 500-506948/6 | Method Blank | 103 | 112 | 99 | 102 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane

Eurofins TestAmerica, Chicago

Surrogate Summary

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313
 TOL = Toluene-d8 (Surr)

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|--------------------|--------------------|--|-----------------|------------------|
| | | FBP (43-145) | NBZ (37-147) | TPHL (42-157) |
| 500-170172-1 | SB-1 (2-4) | 78 | 70 | 81 |
| 500-170172-4 | SB-2 (3-4) | 66 | 74 | 84 |
| 500-170172-6 | SB-4 (2-4) | 74 | 63 | 95 |
| 500-170172-6 MS | SB-4 (2-4) | 81 | 74 | 109 |
| 500-170172-6 MSD | SB-4 (2-4) | 75 | 69 | 101 |
| 500-170172-7 | SB-5 (2-4) | 61 | 58 | 80 |
| 500-170172-8 | SB-6 (5-6) | 54 | 58 | 81 |
| 500-170172-9 | DUP-01 | 41 X | 40 | 65 |
| 500-170172-10 | SB-7 (0.5-1.5) | 53 | 44 | 68 |
| 500-170172-13 | SB-8 (3-4) | 60 | 53 | 81 |
| 500-170172-14 | SB-9 (1-3) | 70 | 55 | 86 |
| 500-170172-15 | SB-10 (2-4) | 57 | 43 | 68 |
| 500-170172-16 | SB-11 (2-4) | 83 | 70 | 89 |
| 500-170172-16 MS | SB-11 (2-4) | 86 | 70 | 88 |
| 500-170172-17 | SB-12 (3-4) | 81 | 65 | 86 |
| 500-170172-18 | SB-13 (2-4) | 80 | 74 | 92 |
| 500-170172-18 - DL | SB-13 (2-4) | 93 | 77 | 101 |
| 500-170172-24 | SB-3 (5-6) | 74 | 61 | 81 |
| LCS 500-507016/2-A | Lab Control Sample | 90 | 87 | 93 |
| LCS 500-507202/2-A | Lab Control Sample | 91 | 87 | 98 |
| MB 500-507016/1-A | Method Blank | 89 | 78 | 92 |
| MB 500-507202/1-A | Method Blank | 85 | 76 | 94 |

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|-------------------|------------------|--|-----|------|
| | | FBP | NBZ | TPHL |
| 500-170172-16 MSD | SB-11 (2-4) | | | |

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|---------------|------------------|--|-----------------|------------------|
| | | FBP (34-110) | NBZ (36-120) | TPHL (40-145) |
| 500-170172-19 | TW-1 | 40 | 39 | 63 |
| 500-170172-20 | DUP-02 | 44 | 38 | 67 |
| 500-170172-21 | TW-2 | 63 | 61 | 109 |

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | FBP | NBZ | TPHL |
|--------------------|--------------------|----------|----------|----------|
| | | (34-110) | (36-120) | (40-145) |
| LCS 500-505695/2-A | Lab Control Sample | 78 | 89 | 96 |
| MB 500-505695/1-A | Method Blank | 78 | 92 | 99 |

Surrogate Legend

FBP = 2-Fluorobiphenyl

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-506135/21-A
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | LB3 | LB3 | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <23 | | 50 | 23 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1,1-Trichloroethane | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1,2,2-Tetrachloroethane | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1,2-Trichloroethane | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1-Dichloroethane | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,1-Dichloropropene | <15 | | 50 | 15 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2,3-Trichlorobenzene | <23 | | 50 | 23 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2,3-Trichloropropane | <21 | | 100 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2,4-Trichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2,4-Trimethylbenzene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2-Dibromo-3-Chloropropane | <100 | | 250 | 100 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2-Dibromoethane | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2-Dichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2-Dichloroethane | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,2-Dichloropropane | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,3,5-Trimethylbenzene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,3-Dichlorobenzene | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,3-Dichloropropane | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 1,4-Dichlorobenzene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 2,2-Dichloropropane | <22 | | 50 | 22 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 2-Chlorotoluene | <16 | | 50 | 16 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 4-Chlorotoluene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Benzene | <7.3 | | 13 | 7.3 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Bromobenzene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Bromochloromethane | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Bromodichloromethane | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Bromoform | <24 | | 50 | 24 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Bromomethane | <40 | | 150 | 40 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Carbon tetrachloride | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Chlorobenzene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Chloroethane | <25 | | 50 | 25 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Chloroform | <19 | | 100 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Chloromethane | <16 | | 50 | 16 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| cis-1,2-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| cis-1,3-Dichloropropene | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Dibromochloromethane | <24 | | 50 | 24 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Dibromomethane | <14 | | 50 | 14 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Dichlorodifluoromethane | <34 | | 150 | 34 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Ethylbenzene | <9.2 | | 13 | 9.2 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Hexachlorobutadiene | <22 | | 50 | 22 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Isopropyl ether | <14 | | 50 | 14 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Isopropylbenzene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Methyl tert-butyl ether | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Methylene Chloride | 107 | J | 250 | 82 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Naphthalene | <17 | | 50 | 17 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| n-Butylbenzene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| N-Propylbenzene | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-506135/21-A
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|---------------|----|-----|-------|---|----------------|----------------|---------|
| p-Isopropyltoluene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| sec-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Styrene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| tert-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Tetrachloroethene | <19 | | 50 | 19 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Toluene | <7.4 | | 13 | 7.4 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| trans-1,2-Dichloroethene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| trans-1,3-Dichloropropene | <18 | | 50 | 18 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Trichloroethene | <8.2 | | 25 | 8.2 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Trichlorofluoromethane | <21 | | 50 | 21 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Vinyl chloride | <13 | | 50 | 13 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Xylenes, Total | <11 | | 25 | 11 | ug/Kg | | 09/21/19 22:45 | 09/26/19 11:05 | 50 |

| Surrogate | LB3 %Recovery | LB3 Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------|---------------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 75 - 126 | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| 4-Bromofluorobenzene (Surr) | 108 | | 72 - 124 | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Dibromofluoromethane | 89 | | 75 - 120 | 09/21/19 22:45 | 09/26/19 11:05 | 50 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | 09/21/19 22:45 | 09/26/19 11:05 | 50 |

Lab Sample ID: LCS 500-506135/22-A
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1,1,1,2-Tetrachloroethane | 2500 | 2590 | | ug/Kg | | 103 | 70 - 125 |
| 1,1,1-Trichloroethane | 2500 | 2360 | | ug/Kg | | 94 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 2500 | 2770 | | ug/Kg | | 111 | 62 - 140 |
| 1,1,2-Trichloroethane | 2500 | 2580 | | ug/Kg | | 103 | 71 - 130 |
| 1,1-Dichloroethane | 2500 | 2870 | | ug/Kg | | 115 | 70 - 125 |
| 1,1-Dichloroethene | 2500 | 2190 | | ug/Kg | | 88 | 67 - 122 |
| 1,1-Dichloropropene | 2500 | 2590 | | ug/Kg | | 103 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 2500 | 2490 | | ug/Kg | | 100 | 51 - 145 |
| 1,2,3-Trichloropropane | 2500 | 2450 | | ug/Kg | | 98 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 2500 | 2450 | | ug/Kg | | 98 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 2500 | 2570 | | ug/Kg | | 103 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 2500 | 2050 | | ug/Kg | | 82 | 56 - 123 |
| 1,2-Dibromoethane | 2500 | 2610 | | ug/Kg | | 105 | 70 - 125 |
| 1,2-Dichlorobenzene | 2500 | 2670 | | ug/Kg | | 107 | 70 - 125 |
| 1,2-Dichloroethane | 2500 | 2480 | | ug/Kg | | 99 | 68 - 127 |
| 1,2-Dichloropropane | 2500 | 3060 | | ug/Kg | | 122 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 2500 | 2600 | | ug/Kg | | 104 | 70 - 123 |
| 1,3-Dichlorobenzene | 2500 | 2580 | | ug/Kg | | 103 | 70 - 125 |
| 1,3-Dichloropropane | 2500 | 2730 | | ug/Kg | | 109 | 62 - 136 |
| 1,4-Dichlorobenzene | 2500 | 2530 | | ug/Kg | | 101 | 70 - 120 |
| 2,2-Dichloropropane | 2500 | 2430 | | ug/Kg | | 97 | 58 - 139 |
| 2-Chlorotoluene | 2500 | 2560 | | ug/Kg | | 103 | 70 - 125 |
| 4-Chlorotoluene | 2500 | 2450 | | ug/Kg | | 98 | 68 - 124 |
| Benzene | 2500 | 2580 | | ug/Kg | | 103 | 70 - 120 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506135/22-A
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Bromobenzene | 2500 | 2550 | | ug/Kg | | 102 | 70 - 122 |
| Bromochloromethane | 2500 | 2450 | | ug/Kg | | 98 | 65 - 122 |
| Bromodichloromethane | 2500 | 2250 | | ug/Kg | | 90 | 69 - 120 |
| Bromoform | 2500 | 2240 | | ug/Kg | | 89 | 56 - 132 |
| Bromomethane | 2500 | 1640 | | ug/Kg | | 65 | 40 - 152 |
| Carbon tetrachloride | 2500 | 2080 | | ug/Kg | | 83 | 59 - 133 |
| Chlorobenzene | 2500 | 2630 | | ug/Kg | | 105 | 70 - 120 |
| Chloroethane | 2500 | 2050 | | ug/Kg | | 82 | 48 - 136 |
| Chloroform | 2500 | 2400 | | ug/Kg | | 96 | 70 - 120 |
| Chloromethane | 2500 | 2470 | | ug/Kg | | 99 | 56 - 152 |
| cis-1,2-Dichloroethene | 2500 | 2470 | | ug/Kg | | 99 | 70 - 125 |
| cis-1,3-Dichloropropene | 2500 | 2670 | | ug/Kg | | 107 | 64 - 127 |
| Dibromochloromethane | 2500 | 2340 | | ug/Kg | | 93 | 68 - 125 |
| Dibromomethane | 2500 | 2380 | | ug/Kg | | 95 | 70 - 120 |
| Dichlorodifluoromethane | 2500 | 1210 | | ug/Kg | | 49 | 40 - 159 |
| Ethylbenzene | 2500 | 2730 | | ug/Kg | | 109 | 70 - 123 |
| Hexachlorobutadiene | 2500 | 2790 | | ug/Kg | | 112 | 51 - 150 |
| Isopropylbenzene | 2500 | 2680 | | ug/Kg | | 107 | 70 - 126 |
| Methyl tert-butyl ether | 2500 | 2310 | | ug/Kg | | 92 | 55 - 123 |
| Methylene Chloride | 2500 | 2520 | | ug/Kg | | 101 | 69 - 125 |
| Naphthalene | 2500 | 2410 | | ug/Kg | | 96 | 53 - 144 |
| n-Butylbenzene | 2500 | 2560 | | ug/Kg | | 103 | 68 - 125 |
| N-Propylbenzene | 2500 | 2570 | | ug/Kg | | 103 | 69 - 127 |
| p-Isopropyltoluene | 2500 | 2540 | | ug/Kg | | 102 | 70 - 125 |
| sec-Butylbenzene | 2500 | 2690 | | ug/Kg | | 107 | 70 - 123 |
| Styrene | 2500 | 2560 | | ug/Kg | | 103 | 70 - 120 |
| tert-Butylbenzene | 2500 | 2630 | | ug/Kg | | 105 | 70 - 121 |
| Tetrachloroethene | 2500 | 2690 | | ug/Kg | | 108 | 70 - 128 |
| Toluene | 2500 | 2620 | | ug/Kg | | 105 | 70 - 125 |
| trans-1,2-Dichloroethene | 2500 | 2400 | | ug/Kg | | 96 | 70 - 125 |
| trans-1,3-Dichloropropene | 2500 | 2430 | | ug/Kg | | 97 | 62 - 128 |
| Trichloroethene | 2500 | 2430 | | ug/Kg | | 97 | 70 - 125 |
| Trichlorofluoromethane | 2500 | 1990 | | ug/Kg | | 79 | 55 - 128 |
| Vinyl chloride | 2500 | 2580 | | ug/Kg | | 103 | 64 - 126 |
| Xylenes, Total | 5000 | 5090 | | ug/Kg | | 102 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 |
| Dibromofluoromethane | 96 | | 75 - 120 |
| Toluene-d8 (Surr) | 108 | | 75 - 120 |

Lab Sample ID: 500-170172-6 MS
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | <30 | | 3160 | 2840 | | ug/Kg | ☼ | 90 | 70 - 125 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-6 MS

Matrix: Solid

Analysis Batch: 506814

Client Sample ID: SB-4 (2-4)

Prep Type: Total/NA

Prep Batch: 506135

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|-----------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| 1,1,1-Trichloroethane | <24 | | 3160 | 2570 | | ug/Kg | ☼ | 82 | | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | <26 | | 3160 | 3170 | | ug/Kg | ☼ | 100 | | 62 - 140 |
| 1,1,2-Trichloroethane | <23 | | 3160 | 2940 | | ug/Kg | ☼ | 93 | | 71 - 130 |
| 1,1-Dichloroethane | <26 | | 3160 | 3240 | | ug/Kg | ☼ | 103 | | 70 - 125 |
| 1,1-Dichloroethene | <25 | | 3160 | 2660 | | ug/Kg | ☼ | 84 | | 67 - 122 |
| 1,1-Dichloropropene | <19 | | 3160 | 2930 | | ug/Kg | ☼ | 93 | | 70 - 121 |
| 1,2,3-Trichlorobenzene | <30 | | 3160 | 2810 | | ug/Kg | ☼ | 89 | | 51 - 145 |
| 1,2,3-Trichloropropane | <27 | | 3160 | 2960 | | ug/Kg | ☼ | 94 | | 50 - 133 |
| 1,2,4-Trichlorobenzene | <22 | | 3160 | 2690 | | ug/Kg | ☼ | 85 | | 57 - 137 |
| 1,2,4-Trimethylbenzene | <23 | | 3160 | 2870 | | ug/Kg | ☼ | 91 | | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 3160 | 2330 | | ug/Kg | ☼ | 74 | | 56 - 123 |
| 1,2-Dibromoethane | <25 | | 3160 | 2970 | | ug/Kg | ☼ | 94 | | 70 - 125 |
| 1,2-Dichlorobenzene | <22 | | 3160 | 2920 | | ug/Kg | ☼ | 93 | | 70 - 125 |
| 1,2-Dichloroethane | <25 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | | 68 - 127 |
| 1,2-Dichloropropane | <28 | | 3160 | 3360 | | ug/Kg | ☼ | 107 | | 67 - 130 |
| 1,3,5-Trimethylbenzene | <24 | | 3160 | 2900 | | ug/Kg | ☼ | 92 | | 70 - 123 |
| 1,3-Dichlorobenzene | <26 | | 3160 | 2890 | | ug/Kg | ☼ | 92 | | 70 - 125 |
| 1,3-Dichloropropane | <23 | | 3160 | 3070 | | ug/Kg | ☼ | 97 | | 62 - 136 |
| 1,4-Dichlorobenzene | <23 | | 3160 | 2810 | | ug/Kg | ☼ | 89 | | 70 - 120 |
| 2,2-Dichloropropane | <29 | | 3160 | 2690 | | ug/Kg | ☼ | 85 | | 58 - 139 |
| 2-Chlorotoluene | <20 | | 3160 | 2870 | | ug/Kg | ☼ | 91 | | 70 - 125 |
| 4-Chlorotoluene | <23 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | | 68 - 124 |
| Benzene | <9.4 | | 3160 | 2910 | | ug/Kg | ☼ | 92 | | 70 - 120 |
| Bromobenzene | <23 | | 3160 | 2920 | | ug/Kg | ☼ | 92 | | 70 - 122 |
| Bromochloromethane | <28 | | 3160 | 2800 | | ug/Kg | ☼ | 89 | | 65 - 122 |
| Bromodichloromethane | <24 | | 3160 | 2540 | | ug/Kg | ☼ | 80 | | 69 - 120 |
| Bromoform | <31 | | 3160 | 2550 | | ug/Kg | ☼ | 81 | | 56 - 132 |
| Bromomethane | <51 | | 3160 | 2050 | | ug/Kg | ☼ | 65 | | 40 - 152 |
| Carbon tetrachloride | <25 | | 3160 | 2340 | | ug/Kg | ☼ | 74 | | 59 - 133 |
| Chlorobenzene | <25 | | 3160 | 2900 | | ug/Kg | ☼ | 92 | | 70 - 120 |
| Chloroethane | <32 | | 3160 | 2830 | | ug/Kg | ☼ | 90 | | 48 - 136 |
| Chloroform | <24 | | 3160 | 2680 | | ug/Kg | ☼ | 85 | | 70 - 120 |
| Chloromethane | <21 | | 3160 | 3430 | | ug/Kg | ☼ | 109 | | 56 - 152 |
| cis-1,2-Dichloroethene | <26 | | 3160 | 2780 | | ug/Kg | ☼ | 88 | | 70 - 125 |
| cis-1,3-Dichloropropene | <27 | | 3160 | 2970 | | ug/Kg | ☼ | 94 | | 64 - 127 |
| Dibromochloromethane | <31 | | 3160 | 2610 | | ug/Kg | ☼ | 83 | | 68 - 125 |
| Dibromomethane | <17 | | 3160 | 2730 | | ug/Kg | ☼ | 86 | | 70 - 120 |
| Dichlorodifluoromethane | <43 | | 3160 | 2280 | | ug/Kg | ☼ | 72 | | 40 - 159 |
| Ethylbenzene | <12 | | 3160 | 2980 | | ug/Kg | ☼ | 94 | | 70 - 123 |
| Hexachlorobutadiene | <29 | | 3160 | 2990 | | ug/Kg | ☼ | 95 | | 51 - 150 |
| Isopropylbenzene | <25 | | 3160 | 2990 | | ug/Kg | ☼ | 95 | | 70 - 126 |
| Methyl tert-butyl ether | <25 | | 3160 | 2620 | | ug/Kg | ☼ | 83 | | 55 - 123 |
| Methylene Chloride | 150 | J B | 3160 | 2840 | | ug/Kg | ☼ | 85 | | 69 - 125 |
| Naphthalene | <22 | | 3160 | 2810 | | ug/Kg | ☼ | 89 | | 53 - 144 |
| n-Butylbenzene | <25 | | 3160 | 2870 | | ug/Kg | ☼ | 91 | | 68 - 125 |
| N-Propylbenzene | <27 | | 3160 | 2910 | | ug/Kg | ☼ | 92 | | 69 - 127 |
| p-Isopropyltoluene | <23 | | 3160 | 2860 | | ug/Kg | ☼ | 90 | | 70 - 125 |
| sec-Butylbenzene | <26 | | 3160 | 3030 | | ug/Kg | ☼ | 96 | | 70 - 123 |
| Styrene | <25 | | 3160 | 2860 | | ug/Kg | ☼ | 91 | | 70 - 120 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-6 MS
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|-------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| tert-Butylbenzene | <26 | | 3160 | 2970 | | ug/Kg | ☼ | 94 | | 70 - 121 |
| Tetrachloroethene | <24 | | 3160 | 2980 | | ug/Kg | ☼ | 95 | | 70 - 128 |
| Toluene | <9.5 | | 3160 | 2890 | | ug/Kg | ☼ | 92 | | 70 - 125 |
| trans-1,2-Dichloroethene | <23 | | 3160 | 2740 | | ug/Kg | ☼ | 87 | | 70 - 125 |
| trans-1,3-Dichloropropene | <23 | | 3160 | 2800 | | ug/Kg | ☼ | 89 | | 62 - 128 |
| Trichloroethene | <11 | | 3160 | 2700 | | ug/Kg | ☼ | 85 | | 70 - 125 |
| Trichlorofluoromethane | <28 | | 3160 | 2390 | | ug/Kg | ☼ | 76 | | 55 - 128 |
| Vinyl chloride | <17 | | 3160 | 3380 | | ug/Kg | ☼ | 107 | | 64 - 126 |
| Xylenes, Total | <14 | | 6310 | 5620 | | ug/Kg | ☼ | 89 | | 70 - 125 |
| MS MS | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 | | | | | | | |
| Dibromofluoromethane | 95 | | 75 - 120 | | | | | | | |
| Toluene-d8 (Surr) | 106 | | 75 - 120 | | | | | | | |

Lab Sample ID: 500-170172-6 MSD
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506135

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | RPD |
|-----------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|----------|-------|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | Limit | Limit |
| 1,1,1,2-Tetrachloroethane | <30 | | 3160 | 2860 | | ug/Kg | ☼ | 91 | | 70 - 125 | 1 | 30 |
| 1,1,1-Trichloroethane | <24 | | 3160 | 2660 | | ug/Kg | ☼ | 84 | | 70 - 125 | 3 | 30 |
| 1,1,1,2,2-Tetrachloroethane | <26 | | 3160 | 3130 | | ug/Kg | ☼ | 99 | | 62 - 140 | 1 | 30 |
| 1,1,2-Trichloroethane | <23 | | 3160 | 2830 | | ug/Kg | ☼ | 90 | | 71 - 130 | 4 | 30 |
| 1,1-Dichloroethane | <26 | | 3160 | 3220 | | ug/Kg | ☼ | 102 | | 70 - 125 | 1 | 30 |
| 1,1-Dichloroethene | <25 | | 3160 | 2600 | | ug/Kg | ☼ | 82 | | 67 - 122 | 2 | 30 |
| 1,1-Dichloropropene | <19 | | 3160 | 2920 | | ug/Kg | ☼ | 93 | | 70 - 121 | 0 | 30 |
| 1,2,3-Trichlorobenzene | <30 | | 3160 | 2900 | | ug/Kg | ☼ | 92 | | 51 - 145 | 3 | 30 |
| 1,2,3-Trichloropropane | <27 | | 3160 | 2880 | | ug/Kg | ☼ | 91 | | 50 - 133 | 3 | 30 |
| 1,2,4-Trichlorobenzene | <22 | | 3160 | 2810 | | ug/Kg | ☼ | 89 | | 57 - 137 | 4 | 30 |
| 1,2,4-Trimethylbenzene | <23 | | 3160 | 2800 | | ug/Kg | ☼ | 89 | | 70 - 123 | 2 | 30 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 3160 | 2450 | | ug/Kg | ☼ | 78 | | 56 - 123 | 5 | 30 |
| 1,2-Dibromoethane | <25 | | 3160 | 2960 | | ug/Kg | ☼ | 94 | | 70 - 125 | 1 | 30 |
| 1,2-Dichlorobenzene | <22 | | 3160 | 2900 | | ug/Kg | ☼ | 92 | | 70 - 125 | 1 | 30 |
| 1,2-Dichloroethane | <25 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | | 68 - 127 | 0 | 30 |
| 1,2-Dichloropropane | <28 | | 3160 | 3280 | | ug/Kg | ☼ | 104 | | 67 - 130 | 2 | 30 |
| 1,3,5-Trimethylbenzene | <24 | | 3160 | 2850 | | ug/Kg | ☼ | 90 | | 70 - 123 | 2 | 30 |
| 1,3-Dichlorobenzene | <26 | | 3160 | 2840 | | ug/Kg | ☼ | 90 | | 70 - 125 | 2 | 30 |
| 1,3-Dichloropropane | <23 | | 3160 | 3020 | | ug/Kg | ☼ | 96 | | 62 - 136 | 2 | 30 |
| 1,4-Dichlorobenzene | <23 | | 3160 | 2780 | | ug/Kg | ☼ | 88 | | 70 - 120 | 1 | 30 |
| 2,2-Dichloropropane | <29 | | 3160 | 2780 | | ug/Kg | ☼ | 88 | | 58 - 139 | 3 | 30 |
| 2-Chlorotoluene | <20 | | 3160 | 2820 | | ug/Kg | ☼ | 89 | | 70 - 125 | 2 | 30 |
| 4-Chlorotoluene | <23 | | 3160 | 2710 | | ug/Kg | ☼ | 86 | | 68 - 124 | 2 | 30 |
| Benzene | <9.4 | | 3160 | 2850 | | ug/Kg | ☼ | 90 | | 70 - 120 | 2 | 30 |
| Bromobenzene | <23 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | | 70 - 122 | 5 | 30 |
| Bromochloromethane | <28 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | | 65 - 122 | 1 | 30 |
| Bromodichloromethane | <24 | | 3160 | 2470 | | ug/Kg | ☼ | 78 | | 69 - 120 | 3 | 30 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-6 MSD

Matrix: Solid

Analysis Batch: 506814

Client Sample ID: SB-4 (2-4)

Prep Type: Total/NA

Prep Batch: 506135

| Analyte | Sample | Sample Qualifier | Spike Added | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | RPD |
|---------------------------|--------|------------------|-------------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | | | Result | Qualifier | | | | Limits | | Limit |
| Bromoform | <31 | | 3160 | 2530 | | ug/Kg | ☼ | 80 | 56 - 132 | 1 | 30 |
| Bromomethane | <51 | | 3160 | 2070 | | ug/Kg | ☼ | 66 | 40 - 152 | 1 | 30 |
| Carbon tetrachloride | <25 | | 3160 | 2360 | | ug/Kg | ☼ | 75 | 59 - 133 | 1 | 30 |
| Chlorobenzene | <25 | | 3160 | 2850 | | ug/Kg | ☼ | 90 | 70 - 120 | 2 | 30 |
| Chloroethane | <32 | | 3160 | 2330 | | ug/Kg | ☼ | 74 | 48 - 136 | 19 | 30 |
| Chloroform | <24 | | 3160 | 2610 | | ug/Kg | ☼ | 83 | 70 - 120 | 2 | 30 |
| Chloromethane | <21 | | 3160 | 3480 | | ug/Kg | ☼ | 110 | 56 - 152 | 1 | 30 |
| cis-1,2-Dichloroethene | <26 | | 3160 | 2770 | | ug/Kg | ☼ | 88 | 70 - 125 | 1 | 30 |
| cis-1,3-Dichloropropene | <27 | | 3160 | 2940 | | ug/Kg | ☼ | 93 | 64 - 127 | 1 | 30 |
| Dibromochloromethane | <31 | | 3160 | 2560 | | ug/Kg | ☼ | 81 | 68 - 125 | 2 | 30 |
| Dibromomethane | <17 | | 3160 | 2660 | | ug/Kg | ☼ | 84 | 70 - 120 | 2 | 30 |
| Dichlorodifluoromethane | <43 | | 3160 | 2310 | | ug/Kg | ☼ | 73 | 40 - 159 | 1 | 30 |
| Ethylbenzene | <12 | | 3160 | 2990 | | ug/Kg | ☼ | 95 | 70 - 123 | 1 | 30 |
| Hexachlorobutadiene | <29 | | 3160 | 2990 | | ug/Kg | ☼ | 95 | 51 - 150 | 0 | 30 |
| Isopropylbenzene | <25 | | 3160 | 2910 | | ug/Kg | ☼ | 92 | 70 - 126 | 3 | 30 |
| Methyl tert-butyl ether | <25 | | 3160 | 2630 | | ug/Kg | ☼ | 83 | 55 - 123 | 0 | 30 |
| Methylene Chloride | 150 | J B | 3160 | 2870 | | ug/Kg | ☼ | 86 | 69 - 125 | 1 | 30 |
| Naphthalene | <22 | | 3160 | 2880 | | ug/Kg | ☼ | 91 | 53 - 144 | 2 | 30 |
| n-Butylbenzene | <25 | | 3160 | 2890 | | ug/Kg | ☼ | 91 | 68 - 125 | 0 | 30 |
| N-Propylbenzene | <27 | | 3160 | 2830 | | ug/Kg | ☼ | 90 | 69 - 127 | 3 | 30 |
| p-Isopropyltoluene | <23 | | 3160 | 2810 | | ug/Kg | ☼ | 89 | 70 - 125 | 2 | 30 |
| sec-Butylbenzene | <26 | | 3160 | 2970 | | ug/Kg | ☼ | 94 | 70 - 123 | 2 | 30 |
| Styrene | <25 | | 3160 | 2840 | | ug/Kg | ☼ | 90 | 70 - 120 | 1 | 30 |
| tert-Butylbenzene | <26 | | 3160 | 2860 | | ug/Kg | ☼ | 91 | 70 - 121 | 4 | 30 |
| Tetrachloroethene | <24 | | 3160 | 3000 | | ug/Kg | ☼ | 95 | 70 - 128 | 1 | 30 |
| Toluene | <9.5 | | 3160 | 2900 | | ug/Kg | ☼ | 92 | 70 - 125 | 0 | 30 |
| trans-1,2-Dichloroethene | <23 | | 3160 | 2760 | | ug/Kg | ☼ | 88 | 70 - 125 | 1 | 30 |
| trans-1,3-Dichloropropene | <23 | | 3160 | 2740 | | ug/Kg | ☼ | 87 | 62 - 128 | 2 | 30 |
| Trichloroethene | <11 | | 3160 | 2640 | | ug/Kg | ☼ | 84 | 70 - 125 | 2 | 30 |
| Trichlorofluoromethane | <28 | | 3160 | 2330 | | ug/Kg | ☼ | 74 | 55 - 128 | 2 | 30 |
| Vinyl chloride | <17 | | 3160 | 3450 | | ug/Kg | ☼ | 109 | 64 - 126 | 2 | 30 |
| Xylenes, Total | <14 | | 6310 | 5640 | | ug/Kg | ☼ | 89 | 70 - 125 | 0 | 30 |

| Surrogate | MSD | MSD | Limits |
|------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1,2-Dichloroethane-d4 (Surr) | 94 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 |
| Dibromofluoromethane | 95 | | 75 - 120 |
| Toluene-d8 (Surr) | 107 | | 75 - 120 |

Lab Sample ID: MB 500-506814/6

Matrix: Solid

Analysis Batch: 506814

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,1,1,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 10:40 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506814/6
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,3,5-Trimethylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/Kg | | | 09/26/19 10:40 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Benzene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Chloroethane | <0.50 | | 1.0 | 0.50 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/Kg | | | 09/26/19 10:40 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 10:40 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Ethylbenzene | <0.18 | | 0.25 | 0.18 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Isopropylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Methylene Chloride | 4.67 | J | 5.0 | 1.6 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Naphthalene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 09/26/19 10:40 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 10:40 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 10:40 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 09/26/19 10:40 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506814/6
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Toluene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 09/26/19 10:40 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 10:40 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Vinyl chloride | <0.26 | | 1.0 | 0.26 | ug/Kg | | | 09/26/19 10:40 | 1 |
| Xylenes, Total | <0.22 | | 0.50 | 0.22 | ug/Kg | | | 09/26/19 10:40 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 91 | | 75 - 126 | | 09/26/19 10:40 | 1 |
| 4-Bromofluorobenzene (Surr) | 110 | | 72 - 124 | | 09/26/19 10:40 | 1 |
| Dibromofluoromethane | 89 | | 75 - 120 | | 09/26/19 10:40 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | 09/26/19 10:40 | 1 |

Lab Sample ID: LCS 500-506814/4
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS LCS | | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|---------|-----------|-------|---|------|--------------|
| | | Result | Qualifier | | | | |
| 1,1,1,2-Tetrachloroethane | 50.0 | 49.9 | | ug/Kg | | 100 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 46.8 | | ug/Kg | | 94 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 51.9 | | ug/Kg | | 104 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 49.2 | | ug/Kg | | 98 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 56.3 | | ug/Kg | | 113 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 45.0 | | ug/Kg | | 90 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 51.1 | | ug/Kg | | 102 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 46.9 | | ug/Kg | | 94 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 46.1 | | ug/Kg | | 92 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.9 | | ug/Kg | | 98 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 49.6 | | ug/Kg | | 99 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 39.0 | | ug/Kg | | 78 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 50.2 | | ug/Kg | | 100 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 50.2 | | ug/Kg | | 100 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 48.6 | | ug/Kg | | 97 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 58.5 | | ug/Kg | | 117 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 50.7 | | ug/Kg | | 101 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 50.5 | | ug/Kg | | 101 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 52.3 | | ug/Kg | | 105 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 48.8 | | ug/Kg | | 98 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 50.4 | | ug/Kg | | 101 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 49.8 | | ug/Kg | | 100 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 48.1 | | ug/Kg | | 96 | 68 - 124 |
| Benzene | 50.0 | 50.7 | | ug/Kg | | 101 | 70 - 120 |
| Bromobenzene | 50.0 | 48.6 | | ug/Kg | | 97 | 70 - 122 |
| Bromochloromethane | 50.0 | 49.2 | | ug/Kg | | 98 | 65 - 122 |
| Bromodichloromethane | 50.0 | 43.8 | | ug/Kg | | 88 | 69 - 120 |
| Bromoform | 50.0 | 44.9 | | ug/Kg | | 90 | 56 - 132 |
| Bromomethane | 50.0 | 36.1 | | ug/Kg | | 72 | 40 - 152 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506814/4
Matrix: Solid
Analysis Batch: 506814

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Carbon tetrachloride | 50.0 | 42.8 | | ug/Kg | | 86 | 59 - 133 |
| Chlorobenzene | 50.0 | 51.0 | | ug/Kg | | 102 | 70 - 120 |
| Chloroethane | 50.0 | 53.1 | | ug/Kg | | 106 | 48 - 136 |
| Chloroform | 50.0 | 46.3 | | ug/Kg | | 93 | 70 - 120 |
| Chloromethane | 50.0 | 58.5 | | ug/Kg | | 117 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 48.6 | | ug/Kg | | 97 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 51.5 | | ug/Kg | | 103 | 64 - 127 |
| Dibromochloromethane | 50.0 | 45.8 | | ug/Kg | | 92 | 68 - 125 |
| Dibromomethane | 50.0 | 45.6 | | ug/Kg | | 91 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 40.0 | | ug/Kg | | 80 | 40 - 159 |
| Ethylbenzene | 50.0 | 53.5 | | ug/Kg | | 107 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 52.1 | | ug/Kg | | 104 | 51 - 150 |
| Isopropylbenzene | 50.0 | 51.5 | | ug/Kg | | 103 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 44.2 | | ug/Kg | | 88 | 55 - 123 |
| Methylene Chloride | 50.0 | 48.1 | | ug/Kg | | 96 | 69 - 125 |
| Naphthalene | 50.0 | 44.7 | | ug/Kg | | 89 | 53 - 144 |
| n-Butylbenzene | 50.0 | 51.6 | | ug/Kg | | 103 | 68 - 125 |
| N-Propylbenzene | 50.0 | 50.7 | | ug/Kg | | 101 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 50.1 | | ug/Kg | | 100 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 52.4 | | ug/Kg | | 105 | 70 - 123 |
| Styrene | 50.0 | 50.3 | | ug/Kg | | 101 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 50.7 | | ug/Kg | | 101 | 70 - 121 |
| Tetrachloroethene | 50.0 | 53.9 | | ug/Kg | | 108 | 70 - 128 |
| Toluene | 50.0 | 51.0 | | ug/Kg | | 102 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 48.8 | | ug/Kg | | 98 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 48.5 | | ug/Kg | | 97 | 62 - 128 |
| Trichloroethene | 50.0 | 48.4 | | ug/Kg | | 97 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 41.1 | | ug/Kg | | 82 | 55 - 128 |
| Vinyl chloride | 50.0 | 58.8 | | ug/Kg | | 118 | 64 - 126 |
| Xylenes, Total | 100 | 100 | | ug/Kg | | 100 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 90 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 |
| Dibromofluoromethane | 93 | | 75 - 120 |
| Toluene-d8 (Surr) | 107 | | 75 - 120 |

Lab Sample ID: MB 500-506823/7
Matrix: Water
Analysis Batch: 506823

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506823/7
Matrix: Water
Analysis Batch: 506823

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/26/19 10:24 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/26/19 10:24 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 10:24 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/26/19 10:24 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 10:24 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/26/19 10:24 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/26/19 10:24 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/26/19 10:24 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 10:24 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/26/19 10:24 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/26/19 10:24 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/26/19 10:24 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 10:24 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/26/19 10:24 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/26/19 10:24 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/26/19 10:24 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/26/19 10:24 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 09/26/19 10:24 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/26/19 10:24 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/26/19 10:24 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| Methylene Chloride | 5.08 | | 5.0 | 1.6 | ug/L | | | 09/26/19 10:24 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/26/19 10:24 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 10:24 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 10:24 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 10:24 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 10:24 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/26/19 10:24 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/26/19 10:24 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 10:24 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506823/7
Matrix: Water
Analysis Batch: 506823

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 10:24 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/26/19 10:24 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 10:24 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/26/19 10:24 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 09/26/19 10:24 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 75 - 126 | | 09/26/19 10:24 | 1 |
| 4-Bromofluorobenzene (Surr) | 96 | | 72 - 124 | | 09/26/19 10:24 | 1 |
| Dibromofluoromethane | 96 | | 75 - 120 | | 09/26/19 10:24 | 1 |
| Toluene-d8 (Surr) | 113 | | 75 - 120 | | 09/26/19 10:24 | 1 |

Lab Sample ID: LCS 500-506823/5
Matrix: Water
Analysis Batch: 506823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|--------|-----------|------|---|------|--------------|
| | | Result | Qualifier | | | | |
| 1,1,1,2-Tetrachloroethane | 50.0 | 45.9 | | ug/L | | 92 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 51.0 | | ug/L | | 102 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 53.8 | | ug/L | | 108 | 62 - 140 |
| 1,1,1-Trichloroethane | 50.0 | 47.5 | | ug/L | | 95 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 55.7 | | ug/L | | 111 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 49.1 | | ug/L | | 98 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 50.7 | | ug/L | | 101 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 47.8 | | ug/L | | 96 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 55.0 | | ug/L | | 110 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 49.5 | | ug/L | | 99 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 54.4 | | ug/L | | 109 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 51.2 | | ug/L | | 102 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 50.9 | | ug/L | | 102 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 48.0 | | ug/L | | 96 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 51.2 | | ug/L | | 102 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 54.9 | | ug/L | | 110 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 55.4 | | ug/L | | 111 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 51.8 | | ug/L | | 104 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 51.5 | | ug/L | | 103 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 50.2 | | ug/L | | 100 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 49.6 | | ug/L | | 99 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 54.4 | | ug/L | | 109 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 55.5 | | ug/L | | 111 | 68 - 124 |
| Benzene | 50.0 | 51.3 | | ug/L | | 103 | 70 - 120 |
| Bromobenzene | 50.0 | 52.6 | | ug/L | | 105 | 70 - 122 |
| Bromochloromethane | 50.0 | 49.2 | | ug/L | | 98 | 65 - 122 |
| Bromodichloromethane | 50.0 | 50.3 | | ug/L | | 101 | 69 - 120 |
| Bromoform | 50.0 | 40.8 | | ug/L | | 82 | 56 - 132 |
| Bromomethane | 50.0 | 51.8 | | ug/L | | 104 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 48.8 | | ug/L | | 98 | 59 - 133 |
| Chlorobenzene | 50.0 | 48.2 | | ug/L | | 96 | 70 - 120 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506823/5
Matrix: Water
Analysis Batch: 506823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|------|---|------|--------------|
| Chloroethane | 50.0 | 48.5 | | ug/L | | 97 | 48 - 136 |
| Chloroform | 50.0 | 49.7 | | ug/L | | 99 | 70 - 120 |
| Chloromethane | 50.0 | 51.4 | | ug/L | | 103 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 47.2 | | ug/L | | 94 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 50.5 | | ug/L | | 101 | 64 - 127 |
| Dibromochloromethane | 50.0 | 48.9 | | ug/L | | 98 | 68 - 125 |
| Dibromomethane | 50.0 | 51.0 | | ug/L | | 102 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 55.4 | | ug/L | | 111 | 40 - 159 |
| Ethylbenzene | 50.0 | 48.9 | | ug/L | | 98 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 50.7 | | ug/L | | 101 | 51 - 150 |
| Isopropylbenzene | 50.0 | 53.8 | | ug/L | | 108 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 53.2 | | ug/L | | 106 | 55 - 123 |
| Methylene Chloride | 50.0 | 52.4 | | ug/L | | 105 | 69 - 125 |
| Naphthalene | 50.0 | 50.6 | | ug/L | | 101 | 53 - 144 |
| n-Butylbenzene | 50.0 | 52.6 | | ug/L | | 105 | 68 - 125 |
| N-Propylbenzene | 50.0 | 55.5 | | ug/L | | 111 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 53.9 | | ug/L | | 108 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 55.7 | | ug/L | | 111 | 70 - 123 |
| Styrene | 50.0 | 48.3 | | ug/L | | 97 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 56.1 | | ug/L | | 112 | 70 - 121 |
| Tetrachloroethene | 50.0 | 50.1 | | ug/L | | 100 | 70 - 128 |
| Toluene | 50.0 | 50.1 | | ug/L | | 100 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 52.4 | | ug/L | | 105 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 50.6 | | ug/L | | 101 | 62 - 128 |
| Trichloroethene | 50.0 | 51.8 | | ug/L | | 104 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 48.9 | | ug/L | | 98 | 55 - 128 |
| Vinyl chloride | 50.0 | 48.0 | | ug/L | | 96 | 64 - 126 |
| Xylenes, Total | 100 | 96.1 | | ug/L | | 96 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 104 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 124 |
| Dibromofluoromethane | 99 | | 75 - 120 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 |

Lab Sample ID: 500-170172-19 MS
Matrix: Water
Analysis Batch: 506823

Client Sample ID: TW-1
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 51.8 | | ug/L | | 104 | 70 - 125 |
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 50.4 | | ug/L | | 101 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 50.0 | 61.5 | | ug/L | | 123 | 62 - 140 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 54.7 | | ug/L | | 109 | 71 - 130 |
| 1,1-Dichloroethane | 3.3 | | 50.0 | 59.1 | | ug/L | | 112 | 70 - 125 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 53.1 | | ug/L | | 106 | 67 - 122 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 51.6 | | ug/L | | 103 | 70 - 121 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 55.6 | | ug/L | | 111 | 51 - 145 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-19 MS

Matrix: Water

Analysis Batch: 506823

Client Sample ID: TW-1

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|--------|-----------|-------|--------|-----------|------|---|------|-----------------|
| | Result | Qualifier | Added | Result | Qualifier | | | | |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 61.3 | | ug/L | | 123 | 50 - 133 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 53.8 | | ug/L | | 108 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 15 | | 50.0 | 67.6 | | ug/L | | 106 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 53.1 | | ug/L | | 106 | 56 - 123 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 54.7 | | ug/L | | 109 | 70 - 125 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 53.5 | | ug/L | | 107 | 70 - 125 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 50.5 | | ug/L | | 101 | 68 - 127 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 59.4 | | ug/L | | 119 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 4.6 | | 50.0 | 61.1 | | ug/L | | 113 | 70 - 123 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 53.1 | | ug/L | | 106 | 70 - 125 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 56.0 | | ug/L | | 112 | 62 - 136 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 51.6 | | ug/L | | 103 | 70 - 120 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 52.3 | | ug/L | | 105 | 58 - 139 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 58.5 | | ug/L | | 117 | 70 - 125 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 57.7 | | ug/L | | 115 | 68 - 124 |
| Benzene | 1.7 | | 50.0 | 57.0 | | ug/L | | 110 | 70 - 120 |
| Bromobenzene | <0.36 | | 50.0 | 58.0 | | ug/L | | 116 | 70 - 122 |
| Bromochloromethane | <0.43 | | 50.0 | 56.4 | | ug/L | | 113 | 65 - 122 |
| Bromodichloromethane | <0.37 | | 50.0 | 57.7 | | ug/L | | 115 | 69 - 120 |
| Bromoform | <0.48 | | 50.0 | 44.2 | | ug/L | | 88 | 56 - 132 |
| Bromomethane | <0.80 | | 50.0 | 62.8 | | ug/L | | 126 | 40 - 152 |
| Carbon tetrachloride | <0.38 | | 50.0 | 48.4 | | ug/L | | 97 | 59 - 133 |
| Chlorobenzene | <0.39 | | 50.0 | 51.4 | | ug/L | | 103 | 70 - 120 |
| Chloroethane | <0.51 | | 50.0 | 60.9 | | ug/L | | 122 | 48 - 136 |
| Chloroform | <0.37 | | 50.0 | 53.7 | | ug/L | | 107 | 70 - 120 |
| Chloromethane | <0.32 | | 50.0 | 61.1 | | ug/L | | 122 | 56 - 152 |
| cis-1,2-Dichloroethene | 12 | | 50.0 | 67.0 | | ug/L | | 109 | 70 - 125 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 53.6 | | ug/L | | 107 | 64 - 127 |
| Dibromochloromethane | <0.49 | | 50.0 | 51.6 | | ug/L | | 103 | 68 - 125 |
| Dibromomethane | <0.27 | | 50.0 | 57.8 | | ug/L | | 116 | 70 - 120 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 58.1 | | ug/L | | 116 | 40 - 159 |
| Ethylbenzene | 6.1 | | 50.0 | 59.2 | | ug/L | | 106 | 70 - 123 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 52.1 | | ug/L | | 104 | 51 - 150 |
| Isopropylbenzene | 1.0 | | 50.0 | 58.5 | | ug/L | | 115 | 70 - 126 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 58.7 | | ug/L | | 117 | 55 - 123 |
| Methylene Chloride | 2.1 | J B | 50.0 | 60.9 | | ug/L | | 117 | 69 - 125 |
| Naphthalene | 8.5 | | 50.0 | 70.3 | | ug/L | | 124 | 53 - 144 |
| n-Butylbenzene | <0.39 | | 50.0 | 55.7 | | ug/L | | 111 | 68 - 125 |
| N-Propylbenzene | 2.7 | | 50.0 | 61.2 | | ug/L | | 117 | 69 - 127 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 53.0 | | ug/L | | 106 | 70 - 125 |
| sec-Butylbenzene | <0.40 | | 50.0 | 53.8 | | ug/L | | 108 | 70 - 123 |
| Styrene | <0.39 | | 50.0 | 52.3 | | ug/L | | 105 | 70 - 120 |
| tert-Butylbenzene | <0.40 | | 50.0 | 54.0 | | ug/L | | 108 | 70 - 121 |
| Tetrachloroethene | 0.42 | J | 50.0 | 48.6 | | ug/L | | 96 | 70 - 128 |
| Toluene | 0.79 | | 50.0 | 50.6 | | ug/L | | 100 | 70 - 125 |
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 54.5 | | ug/L | | 109 | 70 - 125 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 55.2 | | ug/L | | 110 | 62 - 128 |
| Trichloroethene | <0.16 | | 50.0 | 53.5 | | ug/L | | 107 | 70 - 125 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 50.7 | | ug/L | | 101 | 55 - 128 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-19 MS

Matrix: Water

Analysis Batch: 506823

Client Sample ID: TW-1

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. |
|------------------------------|------------------|------------------|---------------|--------|-----------|------|---|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | |
| Vinyl chloride | <0.20 | | 50.0 | 58.6 | | ug/L | | 117 | 64 - 126 |
| Xylenes, Total | 13 | | 100 | 115 | | ug/L | | 102 | 70 - 125 |
| Surrogate | MS | MS | | | | | | | |
| | %Recovery | Qualifier | Limits | | | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | | | | | | |
| 4-Bromofluorobenzene (Surr) | 114 | | 72 - 124 | | | | | | |
| Dibromofluoromethane | 104 | | 75 - 120 | | | | | | |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | | | |

Lab Sample ID: 500-170172-19 MSD

Matrix: Water

Analysis Batch: 506823

Client Sample ID: TW-1

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | RPD |
|-----------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-----|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 51.0 | | ug/L | | 102 | 70 - 125 | 2 | 20 |
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 54.3 | | ug/L | | 109 | 70 - 125 | 8 | 20 |
| 1,1,1,2-Tetrachloroethane | <0.40 | | 50.0 | 57.7 | | ug/L | | 115 | 62 - 140 | 6 | 20 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 54.0 | | ug/L | | 108 | 71 - 130 | 1 | 20 |
| 1,1-Dichloroethane | 3.3 | | 50.0 | 60.5 | | ug/L | | 114 | 70 - 125 | 2 | 20 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 53.3 | | ug/L | | 107 | 67 - 122 | 0 | 20 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 54.5 | | ug/L | | 109 | 70 - 121 | 5 | 20 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 52.1 | | ug/L | | 104 | 51 - 145 | 7 | 20 |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 59.5 | | ug/L | | 119 | 50 - 133 | 3 | 20 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 49.7 | | ug/L | | 99 | 57 - 137 | 8 | 20 |
| 1,2,4-Trimethylbenzene | 15 | | 50.0 | 67.4 | | ug/L | | 105 | 70 - 123 | 0 | 20 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 52.2 | | ug/L | | 104 | 56 - 123 | 2 | 20 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 53.7 | | ug/L | | 107 | 70 - 125 | 2 | 20 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 51.9 | | ug/L | | 104 | 70 - 125 | 3 | 20 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 54.9 | | ug/L | | 110 | 68 - 127 | 8 | 20 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 59.7 | | ug/L | | 119 | 67 - 130 | 0 | 20 |
| 1,3,5-Trimethylbenzene | 4.6 | | 50.0 | 58.0 | | ug/L | | 107 | 70 - 123 | 5 | 20 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 53.0 | | ug/L | | 106 | 70 - 125 | 0 | 20 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 55.9 | | ug/L | | 112 | 62 - 136 | 0 | 20 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 51.3 | | ug/L | | 103 | 70 - 120 | 1 | 20 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 54.1 | | ug/L | | 108 | 58 - 139 | 3 | 20 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 55.8 | | ug/L | | 112 | 70 - 125 | 5 | 20 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 54.7 | | ug/L | | 109 | 68 - 124 | 5 | 20 |
| Benzene | 1.7 | | 50.0 | 59.5 | | ug/L | | 116 | 70 - 120 | 4 | 20 |
| Bromobenzene | <0.36 | | 50.0 | 55.1 | | ug/L | | 110 | 70 - 122 | 5 | 20 |
| Bromochloromethane | <0.43 | | 50.0 | 55.5 | | ug/L | | 111 | 65 - 122 | 2 | 20 |
| Bromodichloromethane | <0.37 | | 50.0 | 52.9 | | ug/L | | 106 | 69 - 120 | 9 | 20 |
| Bromoform | <0.48 | | 50.0 | 44.5 | | ug/L | | 89 | 56 - 132 | 0 | 20 |
| Bromomethane | <0.80 | | 50.0 | 62.4 | | ug/L | | 125 | 40 - 152 | 1 | 20 |
| Carbon tetrachloride | <0.38 | | 50.0 | 51.7 | | ug/L | | 103 | 59 - 133 | 7 | 20 |
| Chlorobenzene | <0.39 | | 50.0 | 51.7 | | ug/L | | 103 | 70 - 120 | 1 | 20 |
| Chloroethane | <0.51 | | 50.0 | 59.9 | | ug/L | | 120 | 48 - 136 | 2 | 20 |
| Chloroform | <0.37 | | 50.0 | 55.5 | | ug/L | | 111 | 70 - 120 | 3 | 20 |
| Chloromethane | <0.32 | | 50.0 | 61.2 | | ug/L | | 122 | 56 - 152 | 0 | 20 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-19 MSD

Matrix: Water

Analysis Batch: 506823

Client Sample ID: TW-1

Prep Type: Total/NA

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | RPD |
|---------------------------|--------|-----------|-------|--------|-----------|------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | Limits | | Limit |
| cis-1,2-Dichloroethene | 12 | | 50.0 | 68.5 | | ug/L | | 112 | 70 - 125 | 2 | 20 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 51.9 | | ug/L | | 104 | 64 - 127 | 3 | 20 |
| Dibromochloromethane | <0.49 | | 50.0 | 51.9 | | ug/L | | 104 | 68 - 125 | 0 | 20 |
| Dibromomethane | <0.27 | | 50.0 | 55.4 | | ug/L | | 111 | 70 - 120 | 4 | 20 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 58.3 | | ug/L | | 117 | 40 - 159 | 0 | 20 |
| Ethylbenzene | 6.1 | | 50.0 | 59.2 | | ug/L | | 106 | 70 - 123 | 0 | 20 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 47.4 | | ug/L | | 95 | 51 - 150 | 10 | 20 |
| Isopropylbenzene | 1.0 | | 50.0 | 55.9 | | ug/L | | 110 | 70 - 126 | 5 | 20 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 57.1 | | ug/L | | 114 | 55 - 123 | 3 | 20 |
| Methylene Chloride | 2.1 | J B | 50.0 | 59.7 | | ug/L | | 115 | 69 - 125 | 2 | 20 |
| Naphthalene | 8.5 | | 50.0 | 64.9 | | ug/L | | 113 | 53 - 144 | 8 | 20 |
| n-Butylbenzene | <0.39 | | 50.0 | 53.9 | | ug/L | | 108 | 68 - 125 | 3 | 20 |
| N-Propylbenzene | 2.7 | | 50.0 | 58.3 | | ug/L | | 111 | 69 - 127 | 5 | 20 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 53.5 | | ug/L | | 107 | 70 - 125 | 1 | 20 |
| sec-Butylbenzene | <0.40 | | 50.0 | 54.9 | | ug/L | | 110 | 70 - 123 | 2 | 20 |
| Styrene | <0.39 | | 50.0 | 52.4 | | ug/L | | 105 | 70 - 120 | 0 | 20 |
| tert-Butylbenzene | <0.40 | | 50.0 | 53.3 | | ug/L | | 107 | 70 - 121 | 1 | 20 |
| Tetrachloroethene | 0.42 | J | 50.0 | 48.1 | | ug/L | | 95 | 70 - 128 | 1 | 20 |
| Toluene | 0.79 | | 50.0 | 50.7 | | ug/L | | 100 | 70 - 125 | 0 | 20 |
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 54.1 | | ug/L | | 108 | 70 - 125 | 1 | 20 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 54.9 | | ug/L | | 110 | 62 - 128 | 0 | 20 |
| Trichloroethene | <0.16 | | 50.0 | 54.1 | | ug/L | | 108 | 70 - 125 | 1 | 20 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 51.2 | | ug/L | | 102 | 55 - 128 | 1 | 20 |
| Vinyl chloride | <0.20 | | 50.0 | 59.8 | | ug/L | | 120 | 64 - 126 | 2 | 20 |
| Xylenes, Total | 13 | | 100 | 115 | | ug/L | | 103 | 70 - 125 | 0 | 20 |

| Surrogate | MSD | MSD | Limits |
|------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1,2-Dichloroethane-d4 (Surr) | 102 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 124 |
| Dibromofluoromethane | 107 | | 75 - 120 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 |

Lab Sample ID: MB 500-506947/6

Matrix: Solid

Analysis Batch: 506947

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |

Euromins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506947/6
Matrix: Solid
Analysis Batch: 506947

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,3,5-Trimethylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/Kg | | | 09/26/19 23:26 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Benzene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Chloroethane | <0.50 | | 1.0 | 0.50 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/Kg | | | 09/26/19 23:26 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 23:26 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Ethylbenzene | <0.18 | | 0.25 | 0.18 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Isopropylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Methylene Chloride | 2.65 | J | 5.0 | 1.6 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Naphthalene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 09/26/19 23:26 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 09/26/19 23:26 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 09/26/19 23:26 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Toluene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 09/26/19 23:26 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 09/26/19 23:26 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Vinyl chloride | <0.26 | | 1.0 | 0.26 | ug/Kg | | | 09/26/19 23:26 | 1 |
| Xylenes, Total | <0.22 | | 0.50 | 0.22 | ug/Kg | | | 09/26/19 23:26 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 75 - 126 | | 09/26/19 23:26 | 1 |
| 4-Bromofluorobenzene (Surr) | 112 | | 72 - 124 | | 09/26/19 23:26 | 1 |
| Dibromofluoromethane | 99 | | 75 - 120 | | 09/26/19 23:26 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | 09/26/19 23:26 | 1 |

Lab Sample ID: LCS 500-506947/4
Matrix: Solid
Analysis Batch: 506947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|----------------|---------------|------------------|-------|---|------|-----------------|
| 1,1,1,2-Tetrachloroethane | 50.0 | 48.6 | | ug/Kg | | 97 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 48.8 | | ug/Kg | | 98 | 70 - 125 |
| 1,1,1,2,2-Tetrachloroethane | 50.0 | 52.2 | | ug/Kg | | 104 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 51.0 | | ug/Kg | | 102 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 50.3 | | ug/Kg | | 101 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 48.0 | | ug/Kg | | 96 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 47.4 | | ug/Kg | | 95 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 50.3 | | ug/Kg | | 101 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 50.4 | | ug/Kg | | 101 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.8 | | ug/Kg | | 98 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 49.3 | | ug/Kg | | 99 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 45.3 | | ug/Kg | | 91 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 49.7 | | ug/Kg | | 99 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 49.0 | | ug/Kg | | 98 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 46.5 | | ug/Kg | | 93 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 55.0 | | ug/Kg | | 110 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 49.4 | | ug/Kg | | 99 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 48.4 | | ug/Kg | | 97 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 52.0 | | ug/Kg | | 104 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 47.5 | | ug/Kg | | 95 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 49.3 | | ug/Kg | | 99 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 48.3 | | ug/Kg | | 97 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 49.3 | | ug/Kg | | 99 | 68 - 124 |
| Benzene | 50.0 | 51.5 | | ug/Kg | | 103 | 70 - 120 |
| Bromobenzene | 50.0 | 49.9 | | ug/Kg | | 100 | 70 - 122 |
| Bromochloromethane | 50.0 | 51.7 | | ug/Kg | | 103 | 65 - 122 |
| Bromodichloromethane | 50.0 | 52.3 | | ug/Kg | | 105 | 69 - 120 |
| Bromoform | 50.0 | 39.2 | | ug/Kg | | 78 | 56 - 132 |
| Bromomethane | 50.0 | 58.1 | | ug/Kg | | 116 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 44.1 | | ug/Kg | | 88 | 59 - 133 |
| Chlorobenzene | 50.0 | 48.2 | | ug/Kg | | 96 | 70 - 120 |
| Chloroethane | 50.0 | 57.7 | | ug/Kg | | 115 | 48 - 136 |
| Chloroform | 50.0 | 50.1 | | ug/Kg | | 100 | 70 - 120 |
| Chloromethane | 50.0 | 55.5 | | ug/Kg | | 111 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 51.8 | | ug/Kg | | 104 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 51.2 | | ug/Kg | | 102 | 64 - 127 |
| Dibromochloromethane | 50.0 | 48.6 | | ug/Kg | | 97 | 68 - 125 |
| Dibromomethane | 50.0 | 54.2 | | ug/Kg | | 108 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 52.6 | | ug/Kg | | 105 | 40 - 159 |
| Ethylbenzene | 50.0 | 49.2 | | ug/Kg | | 98 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 47.6 | | ug/Kg | | 95 | 51 - 150 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506947/4

Matrix: Solid

Analysis Batch: 506947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Isopropylbenzene | 50.0 | 50.0 | | ug/Kg | | 100 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 52.9 | | ug/Kg | | 106 | 55 - 123 |
| Methylene Chloride | 50.0 | 53.9 | | ug/Kg | | 108 | 69 - 125 |
| Naphthalene | 50.0 | 52.5 | | ug/Kg | | 105 | 53 - 144 |
| n-Butylbenzene | 50.0 | 50.0 | | ug/Kg | | 100 | 68 - 125 |
| N-Propylbenzene | 50.0 | 49.5 | | ug/Kg | | 99 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 48.5 | | ug/Kg | | 97 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 48.5 | | ug/Kg | | 97 | 70 - 123 |
| Styrene | 50.0 | 48.6 | | ug/Kg | | 97 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 48.9 | | ug/Kg | | 98 | 70 - 121 |
| Tetrachloroethene | 50.0 | 44.5 | | ug/Kg | | 89 | 70 - 128 |
| Toluene | 50.0 | 47.8 | | ug/Kg | | 96 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 49.5 | | ug/Kg | | 99 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 51.7 | | ug/Kg | | 103 | 62 - 128 |
| Trichloroethene | 50.0 | 49.1 | | ug/Kg | | 98 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 50.0 | | ug/Kg | | 100 | 55 - 128 |
| Vinyl chloride | 50.0 | 50.8 | | ug/Kg | | 102 | 64 - 126 |
| Xylenes, Total | 100 | 97.0 | | ug/Kg | | 97 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 103 | | 72 - 124 |
| Dibromofluoromethane | 106 | | 75 - 120 |
| Toluene-d8 (Surr) | 104 | | 75 - 120 |

Lab Sample ID: MB 500-506948/6

Matrix: Water

Analysis Batch: 506948

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 23:26 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-506948/6

Matrix: Water

Analysis Batch: 506948

Client Sample ID: Method Blank

Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------------|-----------------|------|------|------|---|----------|----------------|---------|
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 09/26/19 23:26 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 09/26/19 23:26 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 23:26 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/26/19 23:26 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 23:26 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/26/19 23:26 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 09/26/19 23:26 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 09/26/19 23:26 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 09/26/19 23:26 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 09/26/19 23:26 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 09/26/19 23:26 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 09/26/19 23:26 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 23:26 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 09/26/19 23:26 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 09/26/19 23:26 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 09/26/19 23:26 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 09/26/19 23:26 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 09/26/19 23:26 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 09/26/19 23:26 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 09/26/19 23:26 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| Methylene Chloride | 2.65 | J | 5.0 | 1.6 | ug/L | | | 09/26/19 23:26 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 09/26/19 23:26 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 09/26/19 23:26 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 23:26 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 09/26/19 23:26 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 09/26/19 23:26 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 09/26/19 23:26 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 09/26/19 23:26 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 09/26/19 23:26 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 09/26/19 23:26 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 09/26/19 23:26 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 09/26/19 23:26 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 09/26/19 23:26 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 09/26/19 23:26 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------------|-----------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 103 | | 75 - 126 | | 09/26/19 23:26 | 1 |
| 4-Bromofluorobenzene (Surr) | 112 | | 72 - 124 | | 09/26/19 23:26 | 1 |
| Dibromofluoromethane | 99 | | 75 - 120 | | 09/26/19 23:26 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | 09/26/19 23:26 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506948/4

Matrix: Water

Analysis Batch: 506948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | 50.0 | 48.6 | | ug/L | | 97 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 48.8 | | ug/L | | 98 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | 50.0 | 52.2 | | ug/L | | 104 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 51.0 | | ug/L | | 102 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 50.3 | | ug/L | | 101 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 48.0 | | ug/L | | 96 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 47.4 | | ug/L | | 95 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 50.3 | | ug/L | | 101 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 50.4 | | ug/L | | 101 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.8 | | ug/L | | 98 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 49.3 | | ug/L | | 99 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 45.3 | | ug/L | | 91 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 49.7 | | ug/L | | 99 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 49.0 | | ug/L | | 98 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 46.5 | | ug/L | | 93 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 55.0 | | ug/L | | 110 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 49.4 | | ug/L | | 99 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 48.4 | | ug/L | | 97 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 52.0 | | ug/L | | 104 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 47.5 | | ug/L | | 95 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 49.3 | | ug/L | | 99 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 48.3 | | ug/L | | 97 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 49.3 | | ug/L | | 99 | 68 - 124 |
| Benzene | 50.0 | 51.5 | | ug/L | | 103 | 70 - 120 |
| Bromobenzene | 50.0 | 49.9 | | ug/L | | 100 | 70 - 122 |
| Bromochloromethane | 50.0 | 51.7 | | ug/L | | 103 | 65 - 122 |
| Bromodichloromethane | 50.0 | 52.3 | | ug/L | | 105 | 69 - 120 |
| Bromoform | 50.0 | 39.2 | | ug/L | | 78 | 56 - 132 |
| Bromomethane | 50.0 | 58.1 | | ug/L | | 116 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 44.1 | | ug/L | | 88 | 59 - 133 |
| Chlorobenzene | 50.0 | 48.2 | | ug/L | | 96 | 70 - 120 |
| Chloroethane | 50.0 | 57.7 | | ug/L | | 115 | 48 - 136 |
| Chloroform | 50.0 | 50.1 | | ug/L | | 100 | 70 - 120 |
| Chloromethane | 50.0 | 55.5 | | ug/L | | 111 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 51.8 | | ug/L | | 104 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 51.2 | | ug/L | | 102 | 64 - 127 |
| Dibromochloromethane | 50.0 | 48.6 | | ug/L | | 97 | 68 - 125 |
| Dibromomethane | 50.0 | 54.2 | | ug/L | | 108 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 52.6 | | ug/L | | 105 | 40 - 159 |
| Ethylbenzene | 50.0 | 49.2 | | ug/L | | 98 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 47.6 | | ug/L | | 95 | 51 - 150 |
| Isopropylbenzene | 50.0 | 50.0 | | ug/L | | 100 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 52.9 | | ug/L | | 106 | 55 - 123 |
| Methylene Chloride | 50.0 | 53.9 | | ug/L | | 108 | 69 - 125 |
| Naphthalene | 50.0 | 52.5 | | ug/L | | 105 | 53 - 144 |
| n-Butylbenzene | 50.0 | 50.0 | | ug/L | | 100 | 68 - 125 |
| N-Propylbenzene | 50.0 | 49.5 | | ug/L | | 99 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 48.5 | | ug/L | | 97 | 70 - 125 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-506948/4
Matrix: Water
Analysis Batch: 506948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|------|---|------|--------------|
| sec-Butylbenzene | 50.0 | 48.5 | | ug/L | | 97 | 70 - 123 |
| Styrene | 50.0 | 48.6 | | ug/L | | 97 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 48.9 | | ug/L | | 98 | 70 - 121 |
| Tetrachloroethene | 50.0 | 44.5 | | ug/L | | 89 | 70 - 128 |
| Toluene | 50.0 | 47.8 | | ug/L | | 96 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 49.5 | | ug/L | | 99 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 51.7 | | ug/L | | 103 | 62 - 128 |
| Trichloroethene | 50.0 | 49.1 | | ug/L | | 98 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 50.0 | | ug/L | | 100 | 55 - 128 |
| Vinyl chloride | 50.0 | 50.8 | | ug/L | | 102 | 64 - 126 |
| Xylenes, Total | 100 | 97.0 | | ug/L | | 97 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 103 | | 72 - 124 |
| Dibromofluoromethane | 106 | | 75 - 120 |
| Toluene-d8 (Surr) | 104 | | 75 - 120 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-505695/1-A
Matrix: Water
Analysis Batch: 505806

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 505695

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <0.24 | | 1.6 | 0.24 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| 2-Methylnaphthalene | <0.052 | | 1.6 | 0.052 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Acenaphthene | <0.25 | | 0.80 | 0.25 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Acenaphthylene | <0.21 | | 0.80 | 0.21 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Anthracene | <0.27 | | 0.80 | 0.27 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Benzo[a]pyrene | <0.079 | | 0.16 | 0.079 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Benzo[b]fluoranthene | <0.065 | | 0.16 | 0.065 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.80 | 0.30 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Chrysene | <0.055 | | 0.16 | 0.055 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Fluoranthene | <0.36 | | 0.80 | 0.36 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Fluorene | <0.20 | | 0.80 | 0.20 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.060 | | 0.16 | 0.060 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Naphthalene | <0.25 | | 0.80 | 0.25 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Phenanthrene | <0.24 | | 0.80 | 0.24 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Pyrene | <0.34 | | 0.80 | 0.34 | ug/L | | 09/19/19 09:17 | 09/19/19 23:11 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 78 | | 34 - 110 | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Nitrobenzene-d5 (Surr) | 92 | | 36 - 120 | 09/19/19 09:17 | 09/19/19 23:11 | 1 |
| Terphenyl-d14 (Surr) | 99 | | 40 - 145 | 09/19/19 09:17 | 09/19/19 23:11 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-505695/2-A
Matrix: Water
Analysis Batch: 505806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 505695

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|------------------------|-------------|------------|---------------|------|---|------|----------|
| 1-Methylnaphthalene | 32.0 | 20.1 | | ug/L | | 63 | 38 - 110 |
| 2-Methylnaphthalene | 32.0 | 20.3 | | ug/L | | 63 | 34 - 110 |
| Acenaphthene | 32.0 | 23.8 | | ug/L | | 74 | 46 - 110 |
| Acenaphthylene | 32.0 | 23.3 | | ug/L | | 73 | 47 - 113 |
| Anthracene | 32.0 | 26.5 | | ug/L | | 83 | 67 - 118 |
| Benzo[a]anthracene | 32.0 | 27.8 | | ug/L | | 87 | 70 - 126 |
| Benzo[a]pyrene | 32.0 | 27.3 | | ug/L | | 85 | 70 - 135 |
| Benzo[b]fluoranthene | 32.0 | 29.1 | | ug/L | | 91 | 69 - 136 |
| Benzo[g,h,i]perylene | 32.0 | 28.7 | | ug/L | | 90 | 70 - 135 |
| Benzo[k]fluoranthene | 32.0 | 29.0 | | ug/L | | 90 | 70 - 133 |
| Chrysene | 32.0 | 27.1 | | ug/L | | 85 | 68 - 129 |
| Dibenz(a,h)anthracene | 32.0 | 24.5 | | ug/L | | 76 | 70 - 134 |
| Fluoranthene | 32.0 | 28.4 | | ug/L | | 89 | 68 - 126 |
| Fluorene | 32.0 | 24.8 | | ug/L | | 78 | 53 - 120 |
| Indeno[1,2,3-cd]pyrene | 32.0 | 25.4 | | ug/L | | 79 | 65 - 133 |
| Naphthalene | 32.0 | 20.4 | | ug/L | | 64 | 36 - 110 |
| Phenanthrene | 32.0 | 25.9 | | ug/L | | 81 | 65 - 120 |
| Pyrene | 32.0 | 27.3 | | ug/L | | 85 | 70 - 126 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------|---------------|---------------|----------|
| 2-Fluorobiphenyl | 78 | | 34 - 110 |
| Nitrobenzene-d5 (Surr) | 89 | | 36 - 120 |
| Terphenyl-d14 (Surr) | 96 | | 40 - 145 |

Lab Sample ID: MB 500-507016/1-A
Matrix: Solid
Analysis Batch: 507079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 507016

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.1 | | 67 | 8.1 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| 2-Methylnaphthalene | <6.1 | | 67 | 6.1 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Acenaphthene | <6.0 | | 33 | 6.0 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Acenaphthylene | <4.4 | | 33 | 4.4 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Anthracene | <5.6 | | 33 | 5.6 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Benzo[a]anthracene | <4.5 | | 33 | 4.5 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Benzo[a]pyrene | <6.4 | | 33 | 6.4 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Benzo[b]fluoranthene | <7.2 | | 33 | 7.2 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Benzo[g,h,i]perylene | <11 | | 33 | 11 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Benzo[k]fluoranthene | <9.8 | | 33 | 9.8 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Chrysene | <9.1 | | 33 | 9.1 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Dibenz(a,h)anthracene | <6.4 | | 33 | 6.4 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Fluoranthene | <6.2 | | 33 | 6.2 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Fluorene | <4.7 | | 33 | 4.7 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Indeno[1,2,3-cd]pyrene | <8.6 | | 33 | 8.6 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Naphthalene | <5.1 | | 33 | 5.1 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Phenanthrene | <4.6 | | 33 | 4.6 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Pyrene | <6.6 | | 33 | 6.6 | ug/Kg | | 09/26/19 21:38 | 09/27/19 11:57 | 1 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-507016/1-A
Matrix: Solid
Analysis Batch: 507079

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 507016

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 2-Fluorobiphenyl | 89 | | 43 - 145 | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Nitrobenzene-d5 (Surr) | 78 | | 37 - 147 | 09/26/19 21:38 | 09/27/19 11:57 | 1 |
| Terphenyl-d14 (Surr) | 92 | | 42 - 157 | 09/26/19 21:38 | 09/27/19 11:57 | 1 |

Lab Sample ID: LCS 500-507016/2-A
Matrix: Solid
Analysis Batch: 507079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 507016

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|------------------------|-------------|------------|---------------|-------|---|------|----------|
| | | | | | | | |
| 1-Methylnaphthalene | 1330 | 1220 | | ug/Kg | | 92 | 68 - 111 |
| 2-Methylnaphthalene | 1330 | 1230 | | ug/Kg | | 92 | 69 - 112 |
| Acenaphthene | 1330 | 1240 | | ug/Kg | | 93 | 65 - 124 |
| Acenaphthylene | 1330 | 1230 | | ug/Kg | | 92 | 68 - 120 |
| Anthracene | 1330 | 1220 | | ug/Kg | | 92 | 70 - 114 |
| Benzo[a]anthracene | 1330 | 1320 | | ug/Kg | | 99 | 67 - 122 |
| Benzo[a]pyrene | 1330 | 1310 | | ug/Kg | | 98 | 65 - 133 |
| Benzo[b]fluoranthene | 1330 | 1170 | | ug/Kg | | 88 | 69 - 129 |
| Benzo[g,h,i]perylene | 1330 | 1420 | | ug/Kg | | 106 | 72 - 131 |
| Benzo[k]fluoranthene | 1330 | 1360 | | ug/Kg | | 102 | 68 - 127 |
| Chrysene | 1330 | 1250 | | ug/Kg | | 93 | 63 - 120 |
| Dibenz(a,h)anthracene | 1330 | 1270 | | ug/Kg | | 95 | 64 - 131 |
| Fluoranthene | 1330 | 1300 | | ug/Kg | | 98 | 62 - 120 |
| Fluorene | 1330 | 1190 | | ug/Kg | | 89 | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | 1330 | 1320 | | ug/Kg | | 99 | 68 - 130 |
| Naphthalene | 1330 | 1190 | | ug/Kg | | 89 | 63 - 110 |
| Phenanthrene | 1330 | 1180 | | ug/Kg | | 88 | 62 - 120 |
| Pyrene | 1330 | 1230 | | ug/Kg | | 92 | 61 - 128 |

| Surrogate | LCS LCS | | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl | 90 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 87 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 93 | | 42 - 157 |

Lab Sample ID: 500-170172-16 MS
Matrix: Solid
Analysis Batch: 507073

Client Sample ID: SB-11 (2-4)
Prep Type: Total/NA
Prep Batch: 507016

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|----------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| | | | | | | | | | |
| 1-Methylnaphthalene | 18 | J | 1580 | 1270 | | ug/Kg | ☼ | 79 | 68 - 111 |
| 2-Methylnaphthalene | 19 | J | 1580 | 1270 | | ug/Kg | ☼ | 79 | 69 - 112 |
| Acenaphthene | 8.4 | J | 1580 | 1300 | | ug/Kg | ☼ | 82 | 65 - 124 |
| Acenaphthylene | 9.9 | J | 1580 | 1320 | | ug/Kg | ☼ | 83 | 68 - 120 |
| Anthracene | 20 | J | 1580 | 1360 | | ug/Kg | ☼ | 85 | 70 - 114 |
| Benzo[a]anthracene | 100 | | 1580 | 1420 | | ug/Kg | ☼ | 83 | 67 - 122 |
| Benzo[a]pyrene | 110 | | 1580 | 1450 | | ug/Kg | ☼ | 85 | 65 - 133 |
| Benzo[b]fluoranthene | 160 | | 1580 | 1580 | | ug/Kg | ☼ | 90 | 69 - 129 |
| Benzo[g,h,i]perylene | 32 | J F1 | 1580 | 593 | F1 | ug/Kg | ☼ | 36 | 72 - 131 |
| Benzo[k]fluoranthene | 46 | | 1580 | 1770 | | ug/Kg | ☼ | 109 | 68 - 127 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-16 MS

Matrix: Solid

Analysis Batch: 507073

Client Sample ID: SB-11 (2-4)

Prep Type: Total/NA

Prep Batch: 507016

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | | |
| Chrysene | 100 | | 1580 | 1460 | | ug/Kg | ☼ | 86 | | 63 - 120 |
| Dibenz(a,h)anthracene | <7.5 | F1 | 1580 | 770 | F1 | ug/Kg | ☼ | 49 | | 64 - 131 |
| Fluoranthene | 140 | | 1580 | 1550 | | ug/Kg | ☼ | 89 | | 62 - 120 |
| Fluorene | <5.5 | | 1580 | 1340 | | ug/Kg | ☼ | 85 | | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | 36 | J F1 | 1580 | 736 | F1 | ug/Kg | ☼ | 44 | | 68 - 130 |
| Naphthalene | 15 | J | 1580 | 1280 | | ug/Kg | ☼ | 80 | | 63 - 110 |
| Phenanthrene | 58 | | 1580 | 1360 | | ug/Kg | ☼ | 82 | | 62 - 120 |
| Pyrene | 130 | | 1580 | 1430 | | ug/Kg | ☼ | 83 | | 61 - 128 |

| Surrogate | MS | MS | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl | 86 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 70 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 88 | | 42 - 157 |

Lab Sample ID: 500-170172-16 MSD

Matrix: Solid

Analysis Batch: 507073

Client Sample ID: SB-11 (2-4)

Prep Type: Total/NA

Prep Batch: 507016

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | Limit |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|--------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | | |
| 1-Methylnaphthalene | 18 | J | 1570 | 1210 | | ug/Kg | ☼ | | | | | |
| 2-Methylnaphthalene | 19 | J | 1570 | 1230 | | ug/Kg | ☼ | | | | | |
| Acenaphthene | 8.4 | J | 1570 | 1320 | | ug/Kg | ☼ | | | | | |
| Acenaphthylene | 9.9 | J | 1570 | 1320 | | ug/Kg | ☼ | | | | | |
| Anthracene | 20 | J | 1570 | 2020 | | ug/Kg | ☼ | | | | | |
| Benzo[a]anthracene | 100 | | 1570 | 3380 | E | ug/Kg | ☼ | | | | | |
| Benzo[a]pyrene | 110 | | 1570 | 3050 | E | ug/Kg | ☼ | | | | | |
| Benzo[b]fluoranthene | 160 | | 1570 | 4320 | E | ug/Kg | ☼ | | | | | |
| Benzo[g,h,i]perylene | 32 | J F1 | 1570 | 844 | | ug/Kg | ☼ | | | | | |
| Benzo[k]fluoranthene | 46 | | 1570 | 2110 | | ug/Kg | ☼ | | | | | |
| Chrysene | 100 | | 1570 | 3230 | E | ug/Kg | ☼ | | | | | |
| Dibenz(a,h)anthracene | <7.5 | F1 | 1570 | 831 | | ug/Kg | ☼ | | | | | |
| Fluoranthene | 140 | | 1570 | 5880 | E | ug/Kg | ☼ | | | | | |
| Fluorene | <5.5 | | 1570 | 1350 | | ug/Kg | ☼ | | | | | |
| Indeno[1,2,3-cd]pyrene | 36 | J F1 | 1570 | 1080 | | ug/Kg | ☼ | | | | | |
| Naphthalene | 15 | J | 1570 | 1280 | | ug/Kg | ☼ | | | | | |
| Phenanthrene | 58 | | 1570 | 2470 | | ug/Kg | ☼ | | | | | |
| Pyrene | 130 | | 1570 | 4530 | E | ug/Kg | ☼ | | | | | |

| Surrogate | MSD | MSD | Limits |
|------------------------|-----------|-----------|--------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl | | | |
| Nitrobenzene-d5 (Surr) | | | |
| Terphenyl-d14 (Surr) | | | |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-507202/1-A
Matrix: Solid
Analysis Batch: 507283

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 507202

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.1 | | 67 | 8.1 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| 2-Methylnaphthalene | <6.1 | | 67 | 6.1 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Acenaphthene | <6.0 | | 33 | 6.0 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Acenaphthylene | <4.4 | | 33 | 4.4 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Anthracene | <5.6 | | 33 | 5.6 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Benzo[a]anthracene | <4.5 | | 33 | 4.5 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Benzo[a]pyrene | <6.4 | | 33 | 6.4 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Benzo[b]fluoranthene | <7.2 | | 33 | 7.2 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Benzo[g,h,i]perylene | <11 | | 33 | 11 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Benzo[k]fluoranthene | <9.8 | | 33 | 9.8 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Chrysene | <9.1 | | 33 | 9.1 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Dibenz(a,h)anthracene | <6.4 | | 33 | 6.4 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Fluoranthene | <6.2 | | 33 | 6.2 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Fluorene | <4.7 | | 33 | 4.7 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Indeno[1,2,3-cd]pyrene | <8.6 | | 33 | 8.6 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Naphthalene | <5.1 | | 33 | 5.1 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Phenanthrene | <4.6 | | 33 | 4.6 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Pyrene | <6.6 | | 33 | 6.6 | ug/Kg | | 09/27/19 15:41 | 09/28/19 13:57 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl | 85 | | 43 - 145 | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Nitrobenzene-d5 (Surr) | 76 | | 37 - 147 | 09/27/19 15:41 | 09/28/19 13:57 | 1 |
| Terphenyl-d14 (Surr) | 94 | | 42 - 157 | 09/27/19 15:41 | 09/28/19 13:57 | 1 |

Lab Sample ID: LCS 500-507202/2-A
Matrix: Solid
Analysis Batch: 507283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 507202

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1-Methylnaphthalene | 1330 | 1310 | | ug/Kg | | 98 | 68 - 111 |
| 2-Methylnaphthalene | 1330 | 1310 | | ug/Kg | | 99 | 69 - 112 |
| Acenaphthene | 1330 | 1350 | | ug/Kg | | 101 | 65 - 124 |
| Acenaphthylene | 1330 | 1330 | | ug/Kg | | 100 | 68 - 120 |
| Anthracene | 1330 | 1320 | | ug/Kg | | 99 | 70 - 114 |
| Benzo[a]anthracene | 1330 | 1400 | | ug/Kg | | 105 | 67 - 122 |
| Benzo[a]pyrene | 1330 | 1380 | | ug/Kg | | 104 | 65 - 133 |
| Benzo[b]fluoranthene | 1330 | 1250 | | ug/Kg | | 94 | 69 - 129 |
| Benzo[g,h,i]perylene | 1330 | 1500 | | ug/Kg | | 112 | 72 - 131 |
| Benzo[k]fluoranthene | 1330 | 1460 | | ug/Kg | | 109 | 68 - 127 |
| Chrysene | 1330 | 1310 | | ug/Kg | | 98 | 63 - 120 |
| Dibenz(a,h)anthracene | 1330 | 1330 | | ug/Kg | | 100 | 64 - 131 |
| Fluoranthene | 1330 | 1340 | | ug/Kg | | 101 | 62 - 120 |
| Fluorene | 1330 | 1290 | | ug/Kg | | 97 | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | 1330 | 1370 | | ug/Kg | | 103 | 68 - 130 |
| Naphthalene | 1330 | 1280 | | ug/Kg | | 96 | 63 - 110 |
| Phenanthrene | 1330 | 1360 | | ug/Kg | | 102 | 62 - 120 |
| Pyrene | 1330 | 1430 | | ug/Kg | | 107 | 61 - 128 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-507202/2-A
Matrix: Solid
Analysis Batch: 507283

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 507202

| Surrogate | LCS | | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl | 91 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 87 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 98 | | 42 - 157 |

Lab Sample ID: 500-170172-6 MS
Matrix: Solid
Analysis Batch: 507283

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 507202

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | Limits |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | |
| 1-Methylnaphthalene | 14 | J | 1510 | 1320 | | ug/Kg | ☼ | 86 | 68 - 111 |
| 2-Methylnaphthalene | 16 | J | 1510 | 1330 | | ug/Kg | ☼ | 87 | 69 - 112 |
| Acenaphthene | <6.7 | | 1510 | 1390 | | ug/Kg | ☼ | 92 | 65 - 124 |
| Acenaphthylene | 15 | J | 1510 | 1370 | | ug/Kg | ☼ | 90 | 68 - 120 |
| Anthracene | 21 | J | 1510 | 1360 | | ug/Kg | ☼ | 89 | 70 - 114 |
| Benzo[a]anthracene | 87 | | 1510 | 1550 | | ug/Kg | ☼ | 97 | 67 - 122 |
| Benzo[a]pyrene | 120 | | 1510 | 1530 | | ug/Kg | ☼ | 94 | 65 - 133 |
| Benzo[b]fluoranthene | 150 | | 1510 | 1640 | | ug/Kg | ☼ | 99 | 69 - 129 |
| Benzo[g,h,i]perylene | 55 | F1 | 1510 | 870 | F1 | ug/Kg | ☼ | 54 | 72 - 131 |
| Benzo[k]fluoranthene | 70 | F1 | 1510 | 2020 | F1 | ug/Kg | ☼ | 129 | 68 - 127 |
| Chrysene | 100 | | 1510 | 1500 | | ug/Kg | ☼ | 93 | 63 - 120 |
| Dibenz(a,h)anthracene | 18 | J F1 | 1510 | 865 | F1 | ug/Kg | ☼ | 56 | 64 - 131 |
| Fluoranthene | 150 | | 1510 | 1470 | | ug/Kg | ☼ | 87 | 62 - 120 |
| Fluorene | <5.2 | | 1510 | 1360 | | ug/Kg | ☼ | 90 | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | 65 | F1 | 1510 | 925 | F1 | ug/Kg | ☼ | 57 | 68 - 130 |
| Naphthalene | 11 | J | 1510 | 1270 | | ug/Kg | ☼ | 84 | 63 - 110 |
| Phenanthrene | 78 | | 1510 | 1480 | | ug/Kg | ☼ | 93 | 62 - 120 |
| Pyrene | 170 | | 1510 | 1840 | | ug/Kg | ☼ | 111 | 61 - 128 |

| Surrogate | MS | | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl | 81 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 74 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 109 | | 42 - 157 |

Lab Sample ID: 500-170172-6 MSD
Matrix: Solid
Analysis Batch: 507283

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 507202

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | Limits | RPD | Limit |
|----------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| 1-Methylnaphthalene | 14 | J | 1510 | 1230 | | ug/Kg | ☼ | 80 | 68 - 111 | 7 | 30 |
| 2-Methylnaphthalene | 16 | J | 1510 | 1230 | | ug/Kg | ☼ | 80 | 69 - 112 | 8 | 30 |
| Acenaphthene | <6.7 | | 1510 | 1310 | | ug/Kg | ☼ | 87 | 65 - 124 | 6 | 30 |
| Acenaphthylene | 15 | J | 1510 | 1280 | | ug/Kg | ☼ | 84 | 68 - 120 | 6 | 30 |
| Anthracene | 21 | J | 1510 | 1300 | | ug/Kg | ☼ | 85 | 70 - 114 | 4 | 30 |
| Benzo[a]anthracene | 87 | | 1510 | 1420 | | ug/Kg | ☼ | 89 | 67 - 122 | 8 | 30 |
| Benzo[a]pyrene | 120 | | 1510 | 1450 | | ug/Kg | ☼ | 88 | 65 - 133 | 6 | 30 |
| Benzo[b]fluoranthene | 150 | | 1510 | 1490 | | ug/Kg | ☼ | 89 | 69 - 129 | 9 | 30 |
| Benzo[g,h,i]perylene | 55 | F1 | 1510 | 801 | F1 | ug/Kg | ☼ | 49 | 72 - 131 | 8 | 30 |
| Benzo[k]fluoranthene | 70 | F1 | 1510 | 1890 | | ug/Kg | ☼ | 120 | 68 - 127 | 6 | 30 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-170172-6 MSD

Matrix: Solid

Analysis Batch: 507283

Client Sample ID: SB-4 (2-4)

Prep Type: Total/NA

Prep Batch: 507202

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | Limit |
|------------------------|------------------|------------------|---------------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| Chrysene | 100 | | 1510 | 1360 | | ug/Kg | ☼ | 84 | 63 - 120 | 9 | 30 |
| Dibenz(a,h)anthracene | 18 | J F1 | 1510 | 789 | F1 | ug/Kg | ☼ | 51 | 64 - 131 | 9 | 30 |
| Fluoranthene | 150 | | 1510 | 1400 | | ug/Kg | ☼ | 83 | 62 - 120 | 5 | 30 |
| Fluorene | <5.2 | | 1510 | 1260 | | ug/Kg | ☼ | 84 | 62 - 120 | 7 | 30 |
| Indeno[1,2,3-cd]pyrene | 65 | F1 | 1510 | 836 | F1 | ug/Kg | ☼ | 51 | 68 - 130 | 10 | 30 |
| Naphthalene | 11 | J | 1510 | 1180 | | ug/Kg | ☼ | 78 | 63 - 110 | 7 | 30 |
| Phenanthrene | 78 | | 1510 | 1410 | | ug/Kg | ☼ | 88 | 62 - 120 | 4 | 30 |
| Pyrene | 170 | | 1510 | 1710 | | ug/Kg | ☼ | 101 | 61 - 128 | 8 | 30 |
| Surrogate | MSD | MSD | Limits | | | | | | | | |
| | %Recovery | Qualifier | | | | | | | | | |
| 2-Fluorobiphenyl | 75 | | 43 - 145 | | | | | | | | |
| Nitrobenzene-d5 (Surr) | 69 | | 37 - 147 | | | | | | | | |
| Terphenyl-d14 (Surr) | 101 | | 42 - 157 | | | | | | | | |

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 500-507723/1-A

Matrix: Solid

Analysis Batch: 508029

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 507723

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Arsenic | <0.34 | | 1.0 | 0.34 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Barium | <0.11 | | 1.0 | 0.11 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Cadmium | 0.0485 | J | 0.20 | 0.036 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Chromium | <0.50 | | 1.0 | 0.50 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Lead | <0.23 | | 0.50 | 0.23 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Selenium | <0.59 | | 1.0 | 0.59 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |
| Silver | <0.13 | | 0.50 | 0.13 | mg/Kg | | 10/01/19 10:32 | 10/02/19 09:12 | 1 |

Lab Sample ID: LCS 500-507723/2-A

Matrix: Solid

Analysis Batch: 508029

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 507723

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec. | Limits |
|----------|-------|------|-----|-------|---|------|----------|--------|
| | | | | | | | | |
| Arsenic | 10.0 | 9.37 | | mg/Kg | | 94 | 80 - 120 | |
| Barium | 200 | 194 | | mg/Kg | | 97 | 80 - 120 | |
| Cadmium | 5.00 | 4.69 | | mg/Kg | | 94 | 80 - 120 | |
| Chromium | 20.0 | 19.4 | | mg/Kg | | 97 | 80 - 120 | |
| Lead | 10.0 | 9.22 | | mg/Kg | | 92 | 80 - 120 | |
| Selenium | 10.0 | 8.60 | | mg/Kg | | 86 | 80 - 120 | |
| Silver | 5.00 | 4.72 | | mg/Kg | | 94 | 80 - 120 | |

Lab Sample ID: 500-170172-6 MS

Matrix: Solid

Analysis Batch: 508029

Client Sample ID: SB-4 (2-4)

Prep Type: Total/NA

Prep Batch: 507723

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|---------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------|
| | Result | Qualifier | | Result | Qualifier | | | | | |
| Arsenic | 5.8 | | 10.3 | 15.0 | | mg/Kg | ☼ | 89 | 75 - 125 | |
| Barium | 130 | | 206 | 287 | | mg/Kg | ☼ | 75 | 75 - 125 | |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 500-170172-6 MS
Matrix: Solid
Analysis Batch: 508029

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 507723

| Analyte | Sample | Sample | Spike | MS | | Unit | D | %Rec | %Rec. | Limits |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------|
| | Result | Qualifier | | Result | Qualifier | | | | | |
| Cadmium | 0.44 | F1 B | 5.16 | 4.21 | F1 | mg/Kg | ☼ | 73 | 75 - 125 | |
| Chromium | 15 | | 20.6 | 36.9 | | mg/Kg | ☼ | 108 | 75 - 125 | |
| Lead | 300 | F2 | 10.3 | 270 | 4 | mg/Kg | ☼ | -309 | 75 - 125 | |
| Selenium | 1.2 | F1 | 10.3 | 7.62 | F1 | mg/Kg | ☼ | 62 | 75 - 125 | |
| Silver | 2.8 | | 5.16 | 8.29 | | mg/Kg | ☼ | 106 | 75 - 125 | |

Lab Sample ID: 500-170172-6 MSD
Matrix: Solid
Analysis Batch: 508029

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 507723

| Analyte | Sample | Sample | Spike | MSD | | Unit | D | %Rec | Limits | RPD | Limit |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | | Result | Qualifier | | | | | | |
| Arsenic | 5.8 | | 10.0 | 15.1 | | mg/Kg | ☼ | 92 | 75 - 125 | 0 | 20 |
| Barium | 130 | | 201 | 311 | | mg/Kg | ☼ | 89 | 75 - 125 | 8 | 20 |
| Cadmium | 0.44 | F1 B | 5.02 | 4.55 | | mg/Kg | ☼ | 82 | 75 - 125 | 8 | 20 |
| Chromium | 15 | | 20.1 | 35.8 | | mg/Kg | ☼ | 105 | 75 - 125 | 3 | 20 |
| Lead | 300 | F2 | 10.0 | 334 | 4 F2 | mg/Kg | ☼ | 317 | 75 - 125 | 21 | 20 |
| Selenium | 1.2 | F1 | 10.0 | 8.54 | F1 | mg/Kg | ☼ | 73 | 75 - 125 | 11 | 20 |
| Silver | 2.8 | | 5.02 | 7.30 | | mg/Kg | ☼ | 89 | 75 - 125 | 13 | 20 |

Lab Sample ID: 500-170172-6 DU
Matrix: Solid
Analysis Batch: 508029

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 507723

| Analyte | Sample | Sample | DU | | Unit | D | RPD | Limit |
|----------|--------|-----------|--------|-----------|-------|---|-----|-------|
| | Result | Qualifier | Result | Qualifier | | | | |
| Arsenic | 5.8 | | 5.77 | | mg/Kg | ☼ | 0.7 | 20 |
| Barium | 130 | | 134 | | mg/Kg | ☼ | 2 | 20 |
| Cadmium | 0.44 | F1 B | 0.405 | | mg/Kg | ☼ | 9 | 20 |
| Chromium | 15 | | 14.9 | | mg/Kg | ☼ | 2 | 20 |
| Lead | 300 | F2 | 323 | | mg/Kg | ☼ | 7 | 20 |
| Selenium | 1.2 | F1 | 0.869 | J F5 | mg/Kg | ☼ | 32 | 20 |
| Silver | 2.8 | | 2.61 | | mg/Kg | ☼ | 7 | 20 |

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-507443/1-A
Matrix: Water
Analysis Batch: 507668

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 507443

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Arsenic | <0.00023 | | 0.0010 | 0.00023 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Barium | <0.00073 | | 0.0025 | 0.00073 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Chromium | 0.0329 | | 0.0050 | 0.0011 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Lead | <0.00019 | | 0.00050 | 0.00019 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Selenium | <0.00098 | | 0.0025 | 0.00098 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 09/30/19 08:47 | 09/30/19 17:37 | 1 |

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-507443/2-A
Matrix: Water
Analysis Batch: 507668

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 507443

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|----------|-------------|------------|---------------|------|---|------|----------|
| Arsenic | 0.100 | 0.0980 | | mg/L | | 98 | 80 - 120 |
| Barium | 0.500 | 0.461 | | mg/L | | 92 | 80 - 120 |
| Cadmium | 0.0500 | 0.0510 | | mg/L | | 102 | 80 - 120 |
| Chromium | 0.200 | 0.201 | | mg/L | | 101 | 80 - 120 |
| Lead | 0.100 | 0.101 | | mg/L | | 101 | 80 - 120 |
| Selenium | 0.100 | 0.105 | | mg/L | | 105 | 80 - 120 |
| Silver | 0.0500 | 0.0519 | | mg/L | | 104 | 80 - 120 |

Lab Sample ID: MB 500-507721/1-A
Matrix: Water
Analysis Batch: 507795

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 507721

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|-----------|--------------|--------|--------|------|---|----------------|----------------|---------|
| Chromium | <0.0011 | | 0.0050 | 0.0011 | mg/L | | 10/01/19 10:24 | 10/01/19 14:24 | 1 |

Lab Sample ID: LCS 500-507721/2-A
Matrix: Water
Analysis Batch: 507795

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 507721

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|----------|-------------|------------|---------------|------|---|------|----------|
| Chromium | 0.200 | 0.199 | | mg/L | | 100 | 80 - 120 |

Lab Sample ID: LCSD 500-507721/3-A
Matrix: Water
Analysis Batch: 507795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 507721

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|----------|-------------|-------------|----------------|------|---|------|----------|-----|-------|
| Chromium | 0.200 | 0.193 | | mg/L | | 97 | 80 - 120 | 3 | 20 |

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-506716/12-A
Matrix: Water
Analysis Batch: 506918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506716

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 09/25/19 10:00 | 09/26/19 09:17 | 1 |

Lab Sample ID: LCS 500-506716/13-A
Matrix: Water
Analysis Batch: 506918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506716

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|---------|-------------|------------|---------------|------|---|------|----------|
| Mercury | 0.00200 | 0.00217 | | mg/L | | 109 | 80 - 120 |

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 500-506912/12-A
Matrix: Solid
Analysis Batch: 507131

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506912

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|--------------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | <0.0056 | | 0.017 | 0.0056 | mg/Kg | | 09/26/19 14:35 | 09/27/19 07:50 | 1 |

Lab Sample ID: LCS 500-506912/13-A
Matrix: Solid
Analysis Batch: 507131

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506912

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|---------|-------------|------------|---------------|-------|---|------|----------|
| Mercury | 0.167 | 0.150 | | mg/Kg | | 90 | 80 - 120 |

Lab Sample ID: 500-170172-6 MS
Matrix: Solid
Analysis Batch: 507131

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506912

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|---------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| Mercury | 0.40 | | 0.0867 | 0.503 | 4 | mg/Kg | ☼ | 124 | 75 - 125 |

Lab Sample ID: 500-170172-6 MSD
Matrix: Solid
Analysis Batch: 507131

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506912

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | Limits | RPD | Limit |
|---------|---------------|------------------|-------------|------------|---------------|-------|---|------|----------|-----|-------|
| Mercury | 0.40 | | 0.0868 | 0.503 | 4 | mg/Kg | ☼ | 124 | 75 - 125 | 0 | 20 |

Lab Sample ID: 500-170172-6 DU
Matrix: Solid
Analysis Batch: 507131

Client Sample ID: SB-4 (2-4)
Prep Type: Total/NA
Prep Batch: 506912

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Mercury | 0.40 | | 0.400 | | mg/Kg | ☼ | 1 | 20 |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-1 (2-4)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-1

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-1 (2-4)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-1

Matrix: Solid

Percent Solids: 92.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 18:43 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 09:20 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:11 | MJG | TAL CHI |

Client Sample ID: SB-1 (6-8)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-2

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-1 (6-8)

Date Collected: 09/13/19 09:50

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-2

Matrix: Solid

Percent Solids: 85.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 09:50 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 13:10 | EMA | TAL CHI |

Client Sample ID: SB-2 (0.5-3)

Date Collected: 09/13/19 10:20

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-3

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-2 (0.5-3)

Date Collected: 09/13/19 10:20

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-3

Matrix: Solid

Percent Solids: 84.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 10:20 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 13:36 | EMA | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-2 (3-4)

Date Collected: 09/13/19 10:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-4

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-2 (3-4)

Date Collected: 09/13/19 10:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-4

Matrix: Solid

Percent Solids: 75.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 19:09 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 09:24 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:14 | MJG | TAL CHI |

Client Sample ID: SB-3 (1-3)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-5

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-3 (1-3)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-5

Matrix: Solid

Percent Solids: 90.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 11:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 14:01 | EMA | TAL CHI |

Client Sample ID: SB-4 (2-4)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-6

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-4 (2-4)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-6

Matrix: Solid

Percent Solids: 88.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 11:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 14:26 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 19:35 | NRJ | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-4 (2-4)

Date Collected: 09/13/19 11:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-6

Matrix: Solid

Percent Solids: 88.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 09:28 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:16 | MJG | TAL CHI |

Client Sample ID: SB-5 (2-4)

Date Collected: 09/13/19 11:40

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-7

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-5 (2-4)

Date Collected: 09/13/19 11:40

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-7

Matrix: Solid

Percent Solids: 88.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 11:40 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 14:51 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 16:33 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:18 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:38 | MJG | TAL CHI |

Client Sample ID: SB-6 (5-6)

Date Collected: 09/13/19 11:55

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-8

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-6 (5-6)

Date Collected: 09/13/19 11:55

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-8

Matrix: Solid

Percent Solids: 82.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 11:55 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 15:16 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 16:59 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:22 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:40 | MJG | TAL CHI |

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Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: DUP-01

Date Collected: 09/13/19 13:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-9

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: DUP-01

Date Collected: 09/13/19 13:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-9

Matrix: Solid

Percent Solids: 83.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 13:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 15:42 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507283 | 09/28/19 17:25 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:26 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:42 | MJG | TAL CHI |

Client Sample ID: SB-7 (0.5-1.5)

Date Collected: 09/13/19 13:01

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-10

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-7 (0.5-1.5)

Date Collected: 09/13/19 13:01

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-10

Matrix: Solid

Percent Solids: 87.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507504 | 09/30/19 18:25 | DA1 | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:30 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:44 | MJG | TAL CHI |

Client Sample ID: SB-7 (13.5-14.5)

Date Collected: 09/13/19 14:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-11

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-7 (13.5-14.5)

Date Collected: 09/13/19 14:00

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-11

Matrix: Solid

Percent Solids: 93.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 14:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 16:07 | EMA | TAL CHI |

Client Sample ID: SB-8 (2-3)

Date Collected: 09/13/19 15:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-12

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-8 (2-3)

Date Collected: 09/13/19 15:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-12

Matrix: Solid

Percent Solids: 90.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 14:15 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 16:32 | EMA | TAL CHI |

Client Sample ID: SB-8 (3-4)

Date Collected: 09/13/19 15:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-13

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-8 (3-4)

Date Collected: 09/13/19 15:15

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-13

Matrix: Solid

Percent Solids: 89.5

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507504 | 09/30/19 18:54 | DA1 | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:34 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:46 | MJG | TAL CHI |

Client Sample ID: SB-9 (1-3)

Date Collected: 09/13/19 15:20

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-14

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-9 (1-3)

Date Collected: 09/13/19 15:20

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-14

Matrix: Solid

Percent Solids: 84.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 15:20 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 16:57 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 5 | 507504 | 09/30/19 19:52 | DA1 | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:38 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:48 | MJG | TAL CHI |

Client Sample ID: SB-10 (2-4)

Date Collected: 09/13/19 15:25

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-15

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-10 (2-4)

Date Collected: 09/13/19 15:25

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-15

Matrix: Solid

Percent Solids: 82.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 15:25 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 17:22 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507202 | 09/27/19 15:41 | ACK | TAL CHI |
| Total/NA | Analysis | 8270D | | 5 | 507504 | 09/30/19 20:21 | DA1 | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 5 | 508029 | 10/02/19 10:42 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:50 | MJG | TAL CHI |

Client Sample ID: SB-11 (2-4)

Date Collected: 09/13/19 16:30

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-16

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-11 (2-4)

Date Collected: 09/13/19 16:30

Date Received: 09/17/19 08:40

Lab Sample ID: 500-170172-16

Matrix: Solid

Percent Solids: 84.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 16:30 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506814 | 09/26/19 17:47 | EMA | TAL CHI |
| Total/NA | Prep | 3541 | | | 507016 | 09/26/19 21:38 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507073 | 09/27/19 16:46 | AJD | TAL CHI |

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-11 (2-4)

Lab Sample ID: 500-170172-16

Date Collected: 09/13/19 16:30

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.1

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:54 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:53 | MJG | TAL CHI |

Client Sample ID: SB-12 (3-4)

Lab Sample ID: 500-170172-17

Date Collected: 09/13/19 16:45

Matrix: Solid

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-12 (3-4)

Lab Sample ID: 500-170172-17

Date Collected: 09/13/19 16:45

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 84.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 16:45 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506947 | 09/27/19 06:20 | STW | TAL CHI |
| Total/NA | Prep | 3541 | | | 507016 | 09/26/19 21:38 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507073 | 09/27/19 17:48 | AJD | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 10:58 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:55 | MJG | TAL CHI |

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 91.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 16:50 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506947 | 09/27/19 06:47 | STW | TAL CHI |
| Total/NA | Prep | 3541 | | | 507016 | 09/26/19 21:38 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507504 | 09/30/19 19:23 | DA1 | TAL CHI |
| Total/NA | Prep | 3541 | DL | | 507016 | 09/26/19 21:38 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | DL | 5 | 507655 | 10/01/19 13:23 | AJD | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 11:02 | EEN | TAL CHI |

Eurofins TestAmerica, Chicago

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: SB-13 (2-4)

Lab Sample ID: 500-170172-18

Date Collected: 09/13/19 16:50

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 91.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 08:57 | MJG | TAL CHI |

Client Sample ID: TW-1

Lab Sample ID: 500-170172-19

Date Collected: 09/13/19 15:25

Matrix: Water

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 506823 | 09/26/19 19:11 | STW | TAL CHI |
| Total/NA | Prep | 3510C | | | 505695 | 09/19/19 09:17 | DAK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 506182 | 09/22/19 23:16 | NRJ | TAL CHI |
| Dissolved | Prep | 3005A | | | 507443 | 09/30/19 08:47 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 507668 | 09/30/19 17:59 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 506716 | 09/25/19 10:00 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 506918 | 09/26/19 09:26 | MJG | TAL CHI |

Client Sample ID: DUP-02

Lab Sample ID: 500-170172-20

Date Collected: 09/13/19 15:35

Matrix: Water

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 506948 | 09/27/19 07:42 | STW | TAL CHI |
| Total/NA | Prep | 3510C | | | 505695 | 09/19/19 09:17 | DAK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 506182 | 09/22/19 23:38 | NRJ | TAL CHI |
| Dissolved | Prep | 3005A | | | 507443 | 09/30/19 08:47 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 507668 | 09/30/19 18:01 | FXG | TAL CHI |
| Dissolved | Prep | 3005A | | | 507721 | 10/01/19 10:24 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 507795 | 10/01/19 14:37 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 506716 | 09/25/19 10:00 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 506918 | 09/26/19 09:28 | MJG | TAL CHI |

Client Sample ID: TW-2

Lab Sample ID: 500-170172-21

Date Collected: 09/13/19 16:40

Matrix: Water

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 506948 | 09/27/19 05:25 | STW | TAL CHI |
| Total/NA | Prep | 3510C | | | 505695 | 09/19/19 09:17 | DAK | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 506182 | 09/23/19 00:01 | NRJ | TAL CHI |
| Dissolved | Prep | 3005A | | | 507443 | 09/30/19 08:47 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 507668 | 09/30/19 18:02 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 506716 | 09/25/19 10:00 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 506918 | 09/26/19 09:29 | MJG | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Client Sample ID: TB-01 (Trip Blank)

Lab Sample ID: 500-170172-22

Date Collected: 09/13/19 00:00

Matrix: Solid

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: TB-01 (Trip Blank)

Lab Sample ID: 500-170172-22

Date Collected: 09/13/19 00:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 100.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 506135 | 09/13/19 00:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 506947 | 09/27/19 07:15 | STW | TAL CHI |

Client Sample ID: TB-02 (Trip Blank)

Lab Sample ID: 500-170172-23

Date Collected: 09/13/19 00:00

Matrix: Water

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 506948 | 09/27/19 05:52 | STW | TAL CHI |

Client Sample ID: SB-3 (5-6)

Lab Sample ID: 500-170172-24

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 506658 | 09/25/19 08:34 | LWN | TAL CHI |

Client Sample ID: SB-3 (5-6)

Lab Sample ID: 500-170172-24

Date Collected: 09/13/19 11:00

Matrix: Solid

Date Received: 09/17/19 08:40

Percent Solids: 82.5

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 507016 | 09/26/19 21:38 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 507073 | 09/27/19 17:21 | AJD | TAL CHI |
| Total/NA | Prep | 3050B | | | 507723 | 10/01/19 10:32 | BDE | TAL CHI |
| Total/NA | Analysis | 6010B | | 1 | 508029 | 10/02/19 11:06 | EEN | TAL CHI |
| Total/NA | Prep | 7471A | | | 506912 | 09/26/19 14:35 | MJG | TAL CHI |
| Total/NA | Analysis | 7471A | | 1 | 507131 | 09/27/19 09:03 | MJG | TAL CHI |

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: West Bend Brewery - 193706313

Job ID: 500-170172-1

Laboratory: Eurofins TestAmerica, Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|------------------------|---------------------|-----------------------|-----------------|
| California | State | 2903 | 04-30-20 |
| Georgia | State Program | N/A | 04-30-20 |
| Georgia (DW) | State | 939 | 04-30-20 |
| Hawaii | State | NA | 04-30-20 |
| Illinois | NELAP | IL00035 | 04-30-20 |
| Indiana | State | C-IL-02 | 04-30-20 |
| Iowa | State | 082 | 05-01-20 |
| Kansas | NELAP | E-10161 | 10-31-19 |
| Kentucky (UST) | State | AI # 108083 | 04-30-20 |
| Kentucky (UST) | State Program | 66 | 04-30-20 |
| Kentucky (WW) | State | KY90023 | 12-31-19 |
| Louisiana | NELAP | 02046 | 06-30-20 |
| Mississippi | State | NA | 04-30-20 |
| New York | NELAP | 12019 | 04-01-20 |
| North Carolina (WW/SW) | State | 291 | 12-31-19 |
| North Dakota | State | R-194 | 04-30-20 |
| Oklahoma | State | 8908 | 08-31-20 |
| South Carolina | State Program | 77001 | 04-30-20 |
| USDA | US Federal Programs | P330-18-00018 | 02-11-21 |
| Wisconsin | State | 999580010 | 08-31-20 |
| Wyoming | State | 8TMS-Q | 04-30-20 |

Fredrick, Sandie

From: Simpson, Garrett <Garrett.Simpson@stantec.com>
Sent: Tuesday, September 17, 2019 3:42 PM
To: Fredrick, Sandie
Cc: Cull, Whitney; Gross, Erin
Subject: RE: Eurofins TestAmerica Sample Login Confirmation files from 500-170172 West Bend Brewery - 193706313 QUESTION

-External Email-

Hi Sandie,

The sample from SB-3 must have been mislabeled. The correct label for the 8oz soil jar should be SB-3(5-6) and not SB-3(1-3).

Sorry for the confusion, thanks!

Garrett Simpson
Geologic Staff

Direct: 262 643-9114
Mobile: 317 410-9228
Garrett.Simpson@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649



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From: Gross, Erin <Erin.Gross@stantec.com>
Sent: Tuesday, September 17, 2019 3:32 PM
To: Simpson, Garrett <Garrett.Simpson@stantec.com>
Cc: Cull, Whitney <Whitney.Cull@stantec.com>
Subject: FW: Eurofins TestAmerica Sample Login Confirmation files from 500-170172 West Bend Brewery - 193706313 QUESTION

Hey guys,

Can you help troubleshoot?

"Didn't receive sample SB-3 (5-6), we received an 8oz with ID of SB-3 (1-3) and time of 1100, should it be SB-3 (5-6)?"

Feel free to respond directly to Sandie and just CC me in the response.

Thanks!

Erin Gross P.G.

Staff Geologist

Direct (Mequon office): 262-649-9110
Direct (Cottage Grove office): 608-839-2050
Mobile: 608-628-6278
Erin.Gross@stantec.com

Stantec
12075 Corporate Parkway Suite 200
Mequon WI 53092-2649



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From: Sandie Fredrick <sandie.fredrick@testamericainc.com>
Sent: Tuesday, September 17, 2019 3:25 PM
To: Gross, Erin <Erin.Gross@stantec.com>
Subject: Eurofins TestAmerica Sample Login Confirmation files from 500-170172 West Bend Brewery - 193706313 QUESTION

Hello Erin,

FYI - See below and let me know please.

Narrative: Didn't receive sample SB-3 (5-6), we received an 8oz with ID of SB-3 (1-3) and time of 1100, should it be SB-3 (5-6)?

Attached, please find the Sample Confirmation files for job 500-170172; West Bend Brewery - 193706313

Please feel free to contact me if you have any questions.

Thank you.

Sandie Fredrick
Project Manager

Eurofins TestAmerica, Chicago
Phone: 920-261-1660

E-mail: sandie.fredrick@testamericainc.com
www.eurofinsus.com | www.testamericainc.com



Reference: [500-491658]
Attachments: 3

Please let us know if we met your expectations by rating the service you received from Eurofins TestAmerica on this project by visiting our website at: [Project Feedback](#)

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| Client Information | | Sampler: <u>Garrett Simpson</u> | Lab PM: <u>Fredrick, Sandie</u> | Carrier Tracking No(s): | COC No: <u>500-74819-34848.1</u> | | | | | | |
|---|---------------|---|---|---|--|--|-------------------------------------|-------------------------------------|-------------------------------------|----------------------------|---------------------------|
| Client Contact: <u>Erin Gross</u> | | Phone: <u>262-643-9114</u> | E-Mail: <u>sandie.fredrick@testamericainc.com</u> | | Page: <u>Page 1 of 3</u> | | | | | | |
| Company: <u>Stantec Consulting Corp.</u> | | Analysis Requested | | | Job #: <u>500-170172</u> | | | | | | |
| Address: <u>12075 Corporate Pkwy, Suite 200</u> | | | | | Due Date Requested: <u>-</u> | Preservation Codes: A - HCL M - Hexane B - NaOH <input checked="" type="checkbox"/> None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 <input checked="" type="checkbox"/> MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) | | | | | |
| City: <u>Mequon</u> | | | | | TAT Requested (days): <u>Standard</u> | | | | | | |
| State, Zip: <u>WI, 53092</u> | | | | | PO #: <u>193706313</u> | | | | | | |
| Phone: <u>500-170172 COC</u> | | WO #: | Total Number of containers: | | | | | | | | |
| Email: <u>erin.gross@stantec.com</u> | | Project Name: <u>West Bend Brewery 193706313</u> | | Project #: <u>50006565</u> | | | | | | | |
| Site: <u>West Bend Brewery 193706313</u> | | SSOW#: | | Other: | | | | | | | |
| | | | | Field Filtered Sample (Yes or No) Retention/MS/MSD (Yes or No) | | | | | | | |
| | | | | VOC PAH/PCRA | | | | | | | |
| | | | | Total Number of containers: | | | | | | | |
| | | | | Special Instructions/Note: | | | | | | | |
| Sample Identification | | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Retention/MS/MSD (Yes or No) | VOC | PAH/PCRA | Total Number of containers | Special Instructions/Note |
| | | | | Preservation Code: | | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | |
| 1 | SB-1(2-4) | 9/13/19 | 0950 | G | Solid | - | N | X | | 1 | |
| 2 | SB-1(6-8) | 9/13/19 | 0950 | G | Solid | - | N | X | | 2 | |
| 3 | SB-2(0.5-3) | 9/13/19 | 1020 | G | Solid | - | N | X | | 2 | |
| 4 | SB-2(3-4) | 9/13/19 | 1015 | G | Solid | - | N | X | | 1 | |
| 5 | SB-3(1-3) | 9/13/19 | 1100 | G | Solid | - | N | X | | 2 | |
| 24 | SB-3(5-6) | 9/13/19 | 1100 | G | Solid | - | N | X | | 1 | |
| 6 | SB-4(2-4) | 9/13/19 | 1148 | G | Solid | - | N | X | X | 6 | |
| 7 | SB-5(2-4) | 9/13/19 | 1155 | G | Solid | - | N | X | X | 3 | |
| 8 | SB-6(5-6) | 9/13/19 | 1300 | G | Solid | - | N | X | X | 3 | |
| 9 | DUP-01 | 9/13/19 | 1301 | G | Solid | - | N | X | X | 3 | |
| 10 | SB-7(0.5-1.5) | 9/13/19 | 1406 | G | Solid | - | N | X | | 1 | |
| Possible Hazard Identification | | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | | |
| <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | | | | | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | | | | Special Instructions/QC Requirements: <u>-</u> | | | | | |
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | | | | | |
| Relinquished by: <u>Garrett Simpson / [Signature]</u> | | Date/Time: <u>9/16/19</u> | | Company: <u>Stantec</u> | | Received by: <u>Fed Ex</u> | | Date/Time: <u>9/16/19</u> | | Company: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: <u>[Signature]</u> | | Date/Time: <u>9/17/19 0840</u> | | Company: <u>TA-ONE</u> | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Custody Seal No.: | | Cooler Temperature(s) °C and Other Remarks: <u>0.3 -> 0.7</u> | | | | | | | |

Chain of Custody Record

| | | | | |
|--|---------------------------------|---|-------------------------|----------------------------------|
| Client Information | Sampler: <u>Garrett Simpson</u> | Lab PM: <u>Fredrick, Sandie</u> | Carrier Tracking No(s): | COC No: <u>500-74819-34848.2</u> |
| Client Contact: <u>Erin Gross</u> | Phone: <u>262-643-9114</u> | E-Mail: <u>sandie.fredrick@testamericainc.com</u> | | Page: <u>Page 2 of 3</u> |
| Company: <u>Stantec Consulting Corp.</u> | Analysis Requested | | | Job # <u>500-170172</u> |

| | | | |
|--|---------------------------------------|---|----------------------------|
| Address: <u>12075 Corporate Pkwy, Suite 200</u> | Due Date Requested: | Field Filtered Sample (Yes or No) Percent MS/MSD (Yes or No) | Total Number of Containers |
| City: <u>Mequon</u> | TAT Requested (days): <u>Standard</u> | | |
| State, Zip: <u>WI, 53092</u> | PO #: <u>193706313</u> | | |
| Phone: | WO #: | | |
| Email: <u>erin.gross@stantec.com</u> | Project #: <u>50006565</u> | | |
| Project Name: <u>West Bend Brewery 193706313</u> | SSOW#: | | |
| Site: | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Percent MS/MSD (Yes or No) | VOC | PAH / PCRA | VOC | PAH | PCRA | Other | Special Instructions/Note: |
|-----------------------|-------------|-------------|------------------------------|---|-----------------------------------|----------------------------|-----|------------|-----|-----|------|-------|----------------------------|
|-----------------------|-------------|-------------|------------------------------|---|-----------------------------------|----------------------------|-----|------------|-----|-----|------|-------|----------------------------|

| | | | | | | | | | | | | | |
|------------------|---------|------|---|-------|---|---|---|---|---|---|--|--|-----------------------------|
| SB-7 (13.5-14.5) | 9/13/19 | 1400 | G | Solid | - | N | X | | | | | | |
| SB-8 (2-3) | 9/13/19 | 1515 | G | Solid | - | N | X | | | | | | |
| SB-8 (3-4) | 9/13/19 | 1515 | G | Solid | - | N | X | X | | | | | |
| SB-9 (1-3) | 9/13/19 | 1520 | G | Solid | - | N | X | X | | | | | |
| SB-10 (2-4) | 9/13/19 | 1525 | G | Solid | - | N | X | X | | | | | |
| SB-11 (2-4) | 9/13/19 | 1630 | G | Solid | - | N | X | X | | | | | |
| SB-12 (3-4) | 9/13/19 | 1645 | G | Solid | - | N | X | X | | | | | |
| SB-13 (2-4) | 9/13/19 | 1650 | G | Solid | - | N | X | X | | | | | |
| TW-1 | 9/13/19 | 1525 | G | Water | Y | N | X | X | X | X | | | Only PCRA Metals were field |
| DUP-02 | 9/13/19 | 1535 | G | Water | Y | N | X | X | X | | | | filtered |
| TW-2 | 9/13/19 | 1640 | G | Water | Y | N | X | X | X | | | | |

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|--|---|
| Possible Hazard Identification <input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) | Special Instructions/QC Requirements: |

| |
|---|
| Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ |
| Relinquished by: <u>Garrett Simpson / [Signature]</u> Date/Time: <u>9/16/19 / 1600</u> Company: <u>Stantec</u> Received by: <u>FedEx</u> Date/Time: <u>9/16/19</u> Company: _____ |
| Relinquished by: _____ Date/Time: _____ Company: _____ Received by: <u>[Signature]</u> Date/Time: <u>9/17/19 0800</u> Company: <u>NA-ETI</u> |
| Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____ |

| | | |
|--|-------------------|---|
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: |
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Eurofins TestAmerica, Chicago

2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins Environment Testing
TestAmerica

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|--|--|--|--|-------------------------|--|---------------------------|--|-----------------------------------|-------------------------|----------------------------|--|--|--|--|--|--|--|--|--|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|
| Client Information | | Sampler: <i>Garrett Simpson</i> | | Lab PM: Fredrick, Sandie | | Carrier Tracking No(s): | | COC No: 500-74819-34848.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Client Contact: Erin Gross | | Phone: <i>262-643-9114</i> | | E-Mail: sandie.fredrick@testamericainc.com | | | | Page: Page 3 of 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Company: Stantec Consulting Corp. | | | | Analysis Requested | | | | | | Job #: <i>500-170172</i> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address: 12075 Corporate Pkwy, Suite 200 | | Due Date Requested: | | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Field Filtered Sample (Yes or No)</td> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Perform MSD (Yes or No)</td> <td colspan="10"></td> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of Containers</td> </tr> <tr> <td colspan="10"></td> </tr> <tr> <td colspan="10"></td> </tr> <tr> <td colspan="10"></td> </tr> <tr> <td colspan="10"></td> </tr> </table> | | | | | | Field Filtered Sample (Yes or No) | Perform MSD (Yes or No) | | | | | | | | | | | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDTA Z - other (specify) Other: | |
| Field Filtered Sample (Yes or No) | Perform MSD (Yes or No) | | | | | | | | | | | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| City: Mequon | | TAT Requested (days): <i>Standard</i> | | PO #: 193706313 | | WO #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State, Zip: WI, 53092 | | | | Project #: 50006565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: | | | | SSOW#: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email: erin.gross@stantec.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: West Bend Brewery 193706313 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MSD (Yes or No) | | | | | | | | | | | Total Number of Containers | Special Instructions/Note: | |
|---|-------------|-------------|---------------------------------|---|-----------------------------------|-------------------------|--------------------|---|--|--|--|--|--|--|--|--|----------------------------|----------------------------|--|
| | | | | | | | Preservation Code: | | | | | | | | | | | | |
| | | | | | X | X | A | F | | | | | | | | | | | |
| <i>22</i> <i>23</i> TB-01 (trip blank) | | | | Water | | | | X | | | | | | | | | | | |
| TB-02 (trip blank) | | | | Water | | | X | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | |

Possible Hazard Identification
 Non-Hazard
 Flammable
 Skin Irritant
 Poison B
 Unknown
 Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client
 Disposal By Lab
 Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify) _____ Special Instructions/QC Requirements: _____

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

| | | | | | |
|---|--------------------------------|-------------------------|---------------------------------|--------------------------------|------------------------|
| Relinquished by: <i>Garrett Simpson / [Signature]</i> | Date/Time: <i>9/16/19 1600</i> | Company: <i>Stantec</i> | Received by: <i>Fed Ex</i> | Date/Time: <i>9/16/19</i> | Company: _____ |
| Relinquished by: _____ | Date/Time: _____ | Company: _____ | Received by: <i>[Signature]</i> | Date/Time: <i>9/17/19 0840</i> | Company: <i>TN-CHI</i> |
| Relinquished by: _____ | Date/Time: _____ | Company: _____ | Received by: _____ | Date/Time: _____ | Company: _____ |

Cooler Temperature(s) °C and Other Remarks: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

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ORIGIN ID:RRLA (262) 202-5955
 HARRIS BYERS
 STANTEC CONSULTING
 12075 CORPORATE PARKWAY

SHIP DATE: 27AUG19
 ACTWT: 25.00 LB MAN
 CAD: 525155/CAFE3211

MEQUON, WI 53092
 UNITED STATES US

TESTAMERICA CHICAGO
 2417 BOND STREET



UNIVERSITY PARK IL 60484 - 3101

500-170172 Waybill

(709) 634-5200

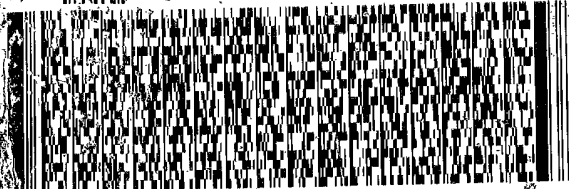
REF:

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FedEx
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7125 4940 7540

TUE - 17 SEP 10:30A T
 PRIORITY OVERNIGHT T

79 JOTA

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 IL US
 OR)



FID 730145 16SEP19 MKEA 660C1/9D04/0C8A

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 500-170172-1

Login Number: 170172

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

| Question | Answer | Comment |
|---|--------|-------------------------------------|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 0.7 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | False | Refer to Job Narrative for details. |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-191456-1
Client Project/Site: WB Brew - 193707897

For:

Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Erin Gross



*Authorized for release by:
11/30/2020 2:50:15 PM*

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Job ID: 500-191456-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-191456-1

Comments

No additional comments.

Receipt

The samples were received on 11/20/2020 9:40 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.9° C.

Receipt Exceptions

Did not receive PAH bottles for sample 3. Received all bottles for sample 9 with ID of MW-8, logged per COC.

GC/MS VOA

Method 8260B: The following sample was diluted to bring the concentration of target analytes within the calibration range: TW-7 (500-191456-8). Elevated reporting limits (RLs) are provided.

Method 8260B: Methylene chloride was detected in the following samples: TW-9 (500-191456-1), DUP 1 (500-191456-2), TW-3 (500-191456-3), TW-3 (500-191456-3[MS]), TW-3 (500-191456-3[MSD]), TW-5 (500-191456-5), TW-5 (500-191456-5[MS]), TW-5 (500-191456-5[MSD]), TW-6 (500-191456-7), TW-6 (500-191456-7[MS]), TW-6 (500-191456-7[MSD]) and Trip-HCL (500-191456-11). The method blanks associated with these samples was below the reporting limit for Methylene chloride. Methylene chloride is a known lab contaminant; therefore all low level detects for this compound could be suspected as lab contamination.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-573716 and analytical batch 500-573752 were outside control limits. Sample matrix interference are suspected because the associated laboratory control sample (LCS) recoveries was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6020A: The continuing calibration verification (CCV) associated with batch 500-573771 recovered above the upper control limit for Chromium. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-9

Lab Sample ID: 500-191456-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| Methylene Chloride | 4.1 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.18 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |

Client Sample ID: DUP 1

Lab Sample ID: 500-191456-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|------|------|------|---------|---|--------|-----------|
| Methylene Chloride | 3.9 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.15 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |

Client Sample ID: TW-3

Lab Sample ID: 500-191456-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| Methylene Chloride | 4.0 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 6.4 | | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.17 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.17 | J | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |
| Arsenic | 0.0046 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.19 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Cadmium | 0.00017 | J | 0.00050 | 0.00017 | mg/L | 1 | | 6020A | Dissolved |
| Chromium | 0.015 | | 0.0050 | 0.0011 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.0065 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0031 | | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: DUP 2

Lab Sample ID: 500-191456-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|---------|---------|------|---------|---|--------|-----------|
| Arsenic | 0.0026 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.16 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Chromium | 0.0095 | | 0.0050 | 0.0011 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.0036 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TW-5

Lab Sample ID: 500-191456-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| Methylene Chloride | 4.1 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.46 | J | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Arsenic | 0.0011 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.23 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.00079 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0015 | J | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: DUP 3

Lab Sample ID: 500-191456-6

No Detections.

Client Sample ID: TW-6

Lab Sample ID: 500-191456-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Methylene Chloride | 4.1 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |
| Tetrachloroethene | 0.62 | J | 1.0 | 0.37 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.37 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Trichloroethene | 0.23 | J | 0.50 | 0.16 | ug/L | 1 | | 8260B | Total/NA |
| Arsenic | 0.0010 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-6 (Continued)

Lab Sample ID: 500-191456-7

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Barium | 0.14 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0014 | J | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TW-7

Lab Sample ID: 500-191456-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|---------|---------|------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 13 | | 1.0 | 0.36 | ug/L | 1 | | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 48 | | 1.0 | 0.25 | ug/L | 1 | | 8260B | Total/NA |
| Benzene | 50 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Isopropylbenzene | 44 | | 1.0 | 0.39 | ug/L | 1 | | 8260B | Total/NA |
| n-Butylbenzene | 23 | | 1.0 | 0.39 | ug/L | 1 | | 8260B | Total/NA |
| N-Propylbenzene | 120 | | 1.0 | 0.41 | ug/L | 1 | | 8260B | Total/NA |
| p-Isopropyltoluene | 5.7 | | 1.0 | 0.36 | ug/L | 1 | | 8260B | Total/NA |
| sec-Butylbenzene | 11 | | 1.0 | 0.40 | ug/L | 1 | | 8260B | Total/NA |
| tert-Butylbenzene | 0.95 | J | 1.0 | 0.40 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 41 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Xylenes, Total | 180 | | 1.0 | 0.22 | ug/L | 1 | | 8260B | Total/NA |
| Ethylbenzene - DL | 290 | | 5.0 | 1.8 | ug/L | 10 | | 8260B | Total/NA |
| Naphthalene - DL | 150 | | 10 | 3.4 | ug/L | 10 | | 8260B | Total/NA |
| Arsenic | 0.0072 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.24 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Chromium | 0.018 | | 0.0050 | 0.0011 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.011 | | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0015 | J | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TW-8

Lab Sample ID: 500-191456-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|--------|---------|------|---------|---|--------|-----------|
| Arsenic | 0.0013 | | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.11 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: TW-4

Lab Sample ID: 500-191456-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|---------|-----------|---------|---------|------|---------|---|--------|-----------|
| Benzene | 0.31 | J | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Toluene | 0.60 | | 0.50 | 0.15 | ug/L | 1 | | 8260B | Total/NA |
| Xylenes, Total | 0.27 | J | 1.0 | 0.22 | ug/L | 1 | | 8260B | Total/NA |
| Arsenic | 0.00079 | J | 0.0010 | 0.00023 | mg/L | 1 | | 6020A | Dissolved |
| Barium | 0.15 | | 0.0025 | 0.00073 | mg/L | 1 | | 6020A | Dissolved |
| Lead | 0.00024 | J | 0.00050 | 0.00019 | mg/L | 1 | | 6020A | Dissolved |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | 1 | | 6020A | Dissolved |

Client Sample ID: Trip-HCL

Lab Sample ID: 500-191456-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-----|-----|------|---------|---|--------|-----------|
| Methylene Chloride | 4.3 | J | 5.0 | 1.6 | ug/L | 1 | | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

| Method | Method Description | Protocol | Laboratory |
|--------|--|----------|------------|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 8270D | Semivolatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 6020A | Metals (ICP/MS) | SW846 | TAL CHI |
| 7470A | Mercury (CVAA) | SW846 | TAL CHI |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | TAL CHI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | TAL CHI |
| 5030B | Purge and Trap | SW846 | TAL CHI |
| 7470A | Preparation, Mercury | SW846 | TAL CHI |

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 500-191456-1 | TW-9 | Water | 11/18/20 08:45 | 11/20/20 09:40 | |
| 500-191456-2 | DUP 1 | Water | 11/18/20 08:47 | 11/20/20 09:40 | |
| 500-191456-3 | TW-3 | Water | 11/18/20 11:10 | 11/20/20 09:40 | |
| 500-191456-4 | DUP 2 | Water | 11/18/20 11:13 | 11/20/20 09:40 | |
| 500-191456-5 | TW-5 | Water | 11/18/20 13:10 | 11/20/20 09:40 | |
| 500-191456-6 | DUP 3 | Water | 11/18/20 13:12 | 11/20/20 09:40 | |
| 500-191456-7 | TW-6 | Water | 11/18/20 13:35 | 11/20/20 09:40 | |
| 500-191456-8 | TW-7 | Water | 11/18/20 05:50 | 11/20/20 09:40 | |
| 500-191456-9 | TW-8 | Water | 11/18/20 17:05 | 11/20/20 09:40 | |
| 500-191456-10 | TW-4 | Water | 11/18/20 17:25 | 11/20/20 09:40 | |
| 500-191456-11 | Trip-HCL | Water | 11/18/20 00:00 | 11/20/20 09:40 | |

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-9

Lab Sample ID: 500-191456-1

Date Collected: 11/18/20 08:45

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 14:23 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 14:23 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:23 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 14:23 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:23 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 14:23 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 14:23 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 14:23 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 14:23 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 14:23 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 14:23 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 14:23 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:23 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 14:23 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 14:23 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 14:23 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 14:23 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 14:23 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 14:23 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 14:23 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| Methylene Chloride | 4.1 J | | 5.0 | 1.6 | ug/L | | | 11/27/20 14:23 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 14:23 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:23 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-9

Lab Sample ID: 500-191456-1

Date Collected: 11/18/20 08:45

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:23 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:23 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:23 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 14:23 | 1 |
| Toluene | 0.18 | J | 0.50 | 0.15 | ug/L | | | 11/27/20 14:23 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:23 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:23 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 14:23 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:23 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 14:23 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 14:23 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 121 | | 75 - 126 | | 11/27/20 14:23 | 1 |
| 4-Bromofluorobenzene (Surr) | 101 | | 72 - 124 | | 11/27/20 14:23 | 1 |
| Dibromofluoromethane (Surr) | 107 | | 75 - 120 | | 11/27/20 14:23 | 1 |
| Toluene-d8 (Surr) | 103 | | 75 - 120 | | 11/27/20 14:23 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: DUP 1

Lab Sample ID: 500-191456-2

Date Collected: 11/18/20 08:47

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 14:49 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 14:49 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:49 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 14:49 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:49 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 14:49 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 14:49 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 14:49 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 14:49 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 14:49 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 14:49 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 14:49 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:49 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 14:49 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 14:49 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 14:49 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 14:49 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 14:49 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 14:49 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 14:49 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| Methylene Chloride | 3.9 J | | 5.0 | 1.6 | ug/L | | | 11/27/20 14:49 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 14:49 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 14:49 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: DUP 1

Lab Sample ID: 500-191456-2

Date Collected: 11/18/20 08:47

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:49 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 14:49 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 14:49 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 14:49 | 1 |
| Toluene | 0.15 | J | 0.50 | 0.15 | ug/L | | | 11/27/20 14:49 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 14:49 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 14:49 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 14:49 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 14:49 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 14:49 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 14:49 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 123 | | 75 - 126 | | 11/27/20 14:49 | 1 |
| 4-Bromofluorobenzene (Surr) | 103 | | 72 - 124 | | 11/27/20 14:49 | 1 |
| Dibromofluoromethane (Surr) | 105 | | 75 - 120 | | 11/27/20 14:49 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | 11/27/20 14:49 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-3

Lab Sample ID: 500-191456-3

Date Collected: 11/18/20 11:10

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 15:16 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 15:16 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:16 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 15:16 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:16 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 15:16 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 15:16 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 15:16 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 15:16 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| Chloroethane | <0.51 | F1 | 1.0 | 0.51 | ug/L | | | 11/27/20 15:16 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 15:16 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 15:16 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:16 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 15:16 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 15:16 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 15:16 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 15:16 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 15:16 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 15:16 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 15:16 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| Methylene Chloride | 4.0 | J | 5.0 | 1.6 | ug/L | | | 11/27/20 15:16 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 15:16 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:16 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-3

Lab Sample ID: 500-191456-3

Date Collected: 11/18/20 11:10

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:16 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:16 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:16 | 1 |
| Tetrachloroethene | 6.4 | | 1.0 | 0.37 | ug/L | | | 11/27/20 15:16 | 1 |
| Toluene | 0.17 J | | 0.50 | 0.15 | ug/L | | | 11/27/20 15:16 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:16 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:16 | 1 |
| Trichloroethene | 0.17 J | | 0.50 | 0.16 | ug/L | | | 11/27/20 15:16 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:16 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 15:16 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 15:16 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 122 | | 75 - 126 | | | | | 11/27/20 15:16 | 1 |
| 4-Bromofluorobenzene (Surr) | 101 | | 72 - 124 | | | | | 11/27/20 15:16 | 1 |
| Dibromofluoromethane (Surr) | 107 | | 75 - 120 | | | | | 11/27/20 15:16 | 1 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | | | | | 11/27/20 15:16 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0046 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |
| Barium | 0.19 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |
| Cadmium | 0.00017 J | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |
| Chromium | 0.015 | | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/25/20 13:11 | 1 |
| Lead | 0.0065 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |
| Selenium | 0.0031 | | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 19:28 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:15 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: DUP 2
 Date Collected: 11/18/20 11:13
 Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-4
 Matrix: Water

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0026 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |
| Barium | 0.16 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |
| Chromium | 0.0095 | | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/25/20 13:15 | 1 |
| Lead | 0.0036 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 19:32 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:17 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-5

Lab Sample ID: 500-191456-5

Date Collected: 11/18/20 13:10

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 15:43 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 15:43 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:43 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 15:43 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:43 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 15:43 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 15:43 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 15:43 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 15:43 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 15:43 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 15:43 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 15:43 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:43 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 15:43 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 15:43 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 15:43 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 15:43 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 15:43 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 15:43 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 15:43 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| Methylene Chloride | 4.1 | J | 5.0 | 1.6 | ug/L | | | 11/27/20 15:43 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 15:43 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 15:43 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-5
Date Collected: 11/18/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-5
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|------|------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:43 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 15:43 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 15:43 | 1 |
| Tetrachloroethene | 0.46 | J | 1.0 | 0.37 | ug/L | | | 11/27/20 15:43 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 15:43 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 15:43 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 15:43 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 15:43 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 15:43 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 15:43 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 15:43 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 122 | | 75 - 126 | | | | | 11/27/20 15:43 | 1 |
| 4-Bromofluorobenzene (Surr) | 103 | | 72 - 124 | | | | | 11/27/20 15:43 | 1 |
| Dibromofluoromethane (Surr) | 107 | | 75 - 120 | | | | | 11/27/20 15:43 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | | 11/27/20 15:43 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|------------------|------------------|---------------|-------|------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | <0.25 | | 1.6 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| 2-Methylnaphthalene | <0.053 | | 1.6 | 0.053 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Acenaphthene | <0.25 | | 0.82 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Acenaphthylene | <0.22 | | 0.82 | 0.22 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Anthracene | <0.27 | | 0.82 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Benzo[a]anthracene | <0.046 | | 0.16 | 0.046 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Benzo[a]pyrene | <0.081 | | 0.16 | 0.081 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Benzo[b]fluoranthene | <0.066 | | 0.16 | 0.066 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Benzo[g,h,i]perylene | <0.31 | | 0.82 | 0.31 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Benzo[k]fluoranthene | <0.052 | | 0.16 | 0.052 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Chrysene | <0.056 | | 0.16 | 0.056 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Fluoranthene | <0.37 | | 0.82 | 0.37 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Fluorene | <0.20 | | 0.82 | 0.20 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.061 | | 0.16 | 0.061 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Naphthalene | <0.25 | | 0.82 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Phenanthrene | <0.25 | | 0.82 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Pyrene | <0.35 | | 0.82 | 0.35 | ug/L | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 63 | | 34 - 110 | | | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Nitrobenzene-d5 (Surr) | 61 | | 36 - 120 | | | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |
| Terphenyl-d14 (Surr) | 106 | | 40 - 145 | | | | 11/24/20 07:31 | 11/24/20 15:32 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0011 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |
| Barium | 0.23 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |
| Chromium | <0.0011 | ^ | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-5

Lab Sample ID: 500-191456-5

Date Collected: 11/18/20 13:10

Matrix: Water

Date Received: 11/20/20 09:40

Method: 6020A - Metals (ICP/MS) - Dissolved (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Lead | 0.00079 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |
| Selenium | 0.0015 | J | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 19:35 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:19 | 1 |



Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: DUP 3

Lab Sample ID: 500-191456-6

Date Collected: 11/18/20 13:12

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|------------------|------------------|---------------|-------|------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | <0.24 | | 1.6 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| 2-Methylnaphthalene | <0.052 | | 1.6 | 0.052 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Acenaphthene | <0.25 | | 0.80 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Acenaphthylene | <0.21 | | 0.80 | 0.21 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Anthracene | <0.27 | | 0.80 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Benzo[a]pyrene | <0.079 | | 0.16 | 0.079 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Benzo[b]fluoranthene | <0.065 | | 0.16 | 0.065 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.80 | 0.30 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Chrysene | <0.055 | | 0.16 | 0.055 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Fluoranthene | <0.36 | | 0.80 | 0.36 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Fluorene | <0.20 | | 0.80 | 0.20 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.060 | | 0.16 | 0.060 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Naphthalene | <0.25 | | 0.80 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Phenanthrene | <0.24 | | 0.80 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Pyrene | <0.34 | | 0.80 | 0.34 | ug/L | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 62 | | 34 - 110 | | | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Nitrobenzene-d5 (Surr) | 53 | | 36 - 120 | | | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |
| Terphenyl-d14 (Surr) | 100 | | 40 - 145 | | | | 11/24/20 07:31 | 11/24/20 15:59 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-6

Lab Sample ID: 500-191456-7

Date Collected: 11/18/20 13:35

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 16:09 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 16:09 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:09 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 16:09 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:09 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 16:09 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 16:09 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 16:09 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 16:09 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 16:09 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 16:09 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 16:09 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:09 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 16:09 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 16:09 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 16:09 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 16:09 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 16:09 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 16:09 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 16:09 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| Methylene Chloride | 4.1 | J | 5.0 | 1.6 | ug/L | | | 11/27/20 16:09 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 16:09 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:09 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-6
Date Collected: 11/18/20 13:35
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-7
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|-----------|----------|------|------|---|----------|----------------|---------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:09 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:09 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:09 | 1 |
| Tetrachloroethene | 0.62 | J | 1.0 | 0.37 | ug/L | | | 11/27/20 16:09 | 1 |
| Toluene | 0.37 | J | 0.50 | 0.15 | ug/L | | | 11/27/20 16:09 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:09 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:09 | 1 |
| Trichloroethene | 0.23 | J | 0.50 | 0.16 | ug/L | | | 11/27/20 16:09 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:09 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 16:09 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 16:09 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 124 | | 75 - 126 | | | | | 11/27/20 16:09 | 1 |
| 4-Bromofluorobenzene (Surr) | 102 | | 72 - 124 | | | | | 11/27/20 16:09 | 1 |
| Dibromofluoromethane (Surr) | 108 | | 75 - 120 | | | | | 11/27/20 16:09 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | | 11/27/20 16:09 | 1 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <0.24 | F1 F2 | 1.6 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| 2-Methylnaphthalene | <0.052 | F1 F2 | 1.6 | 0.052 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Acenaphthene | <0.25 | F1 | 0.79 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Acenaphthylene | <0.21 | F1 | 0.79 | 0.21 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Anthracene | <0.27 | | 0.79 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Benzo[a]pyrene | <0.079 | | 0.16 | 0.079 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Benzo[b]fluoranthene | <0.064 | F2 | 0.16 | 0.064 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.79 | 0.30 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Chrysene | <0.054 | | 0.16 | 0.054 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Dibenz(a,h)anthracene | <0.040 | | 0.24 | 0.040 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Fluoranthene | <0.36 | | 0.79 | 0.36 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Fluorene | <0.19 | F1 | 0.79 | 0.19 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.059 | | 0.16 | 0.059 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Naphthalene | <0.25 | F1 | 0.79 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Phenanthrene | <0.24 | | 0.79 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Pyrene | <0.34 | | 0.79 | 0.34 | ug/L | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 55 | | 34 - 110 | | | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Nitrobenzene-d5 (Surr) | 47 | | 36 - 120 | | | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |
| Terphenyl-d14 (Surr) | 81 | | 40 - 145 | | | | 11/24/20 07:31 | 11/24/20 16:25 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0010 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |
| Barium | 0.14 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |
| Chromium | <0.0011 | ^ | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-6

Lab Sample ID: 500-191456-7

Date Collected: 11/18/20 13:35

Matrix: Water

Date Received: 11/20/20 09:40

Method: 6020A - Metals (ICP/MS) - Dissolved (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Lead | <0.00019 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |
| Selenium | 0.0014 | J | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 19:59 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:28 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-7
Date Collected: 11/18/20 05:50
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2,4-Trimethylbenzene | 13 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,3,5-Trimethylbenzene | 48 | | 1.0 | 0.25 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 16:36 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 16:36 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:36 | 1 |
| Benzene | 50 | | 0.50 | 0.15 | ug/L | | | 11/27/20 16:36 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:36 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 16:36 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 16:36 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 16:36 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 16:36 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 16:36 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 16:36 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 16:36 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:36 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 16:36 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 16:36 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 16:36 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 16:36 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 16:36 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 16:36 | 1 |
| Isopropylbenzene | 44 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 11/27/20 16:36 | 1 |
| n-Butylbenzene | 23 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |
| N-Propylbenzene | 120 | | 1.0 | 0.41 | ug/L | | | 11/27/20 16:36 | 1 |
| p-Isopropyltoluene | 5.7 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| sec-Butylbenzene | 11 | | 1.0 | 0.40 | ug/L | | | 11/27/20 16:36 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 16:36 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-7
Date Collected: 11/18/20 05:50
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-8
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|-------------|-----------|----------|------|------|---|----------|----------------|---------|
| tert-Butylbenzene | 0.95 | J | 1.0 | 0.40 | ug/L | | | 11/27/20 16:36 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 16:36 | 1 |
| Toluene | 41 | | 0.50 | 0.15 | ug/L | | | 11/27/20 16:36 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 16:36 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 16:36 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 16:36 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 16:36 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 16:36 | 1 |
| Xylenes, Total | 180 | | 1.0 | 0.22 | ug/L | | | 11/27/20 16:36 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 114 | | 75 - 126 | | | | | 11/27/20 16:36 | 1 |
| 4-Bromofluorobenzene (Surr) | 109 | | 72 - 124 | | | | | 11/27/20 16:36 | 1 |
| Dibromofluoromethane (Surr) | 100 | | 75 - 120 | | | | | 11/27/20 16:36 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | | | | 11/27/20 16:36 | 1 |

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------|-----------|----------|-----|------|---|----------|----------------|---------|
| Ethylbenzene | 290 | | 5.0 | 1.8 | ug/L | | | 11/29/20 18:55 | 10 |
| Naphthalene | 150 | | 10 | 3.4 | ug/L | | | 11/29/20 18:55 | 10 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 | | | | | 11/29/20 18:55 | 10 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | | | | | 11/29/20 18:55 | 10 |
| Dibromofluoromethane (Surr) | 93 | | 75 - 120 | | | | | 11/29/20 18:55 | 10 |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | | | | | 11/29/20 18:55 | 10 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0072 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |
| Barium | 0.24 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |
| Chromium | 0.018 | | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/25/20 13:18 | 1 |
| Lead | 0.011 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |
| Selenium | 0.0015 | J | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 20:03 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:40 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-8

Lab Sample ID: 500-191456-9

Date Collected: 11/18/20 17:05

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <0.26 | | 1.7 | 0.26 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| 2-Methylnaphthalene | <0.057 | | 1.7 | 0.057 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Acenaphthene | <0.27 | | 0.87 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Acenaphthylene | <0.23 | | 0.87 | 0.23 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Anthracene | <0.29 | | 0.87 | 0.29 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Benzo[a]anthracene | <0.049 | | 0.17 | 0.049 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Benzo[a]pyrene | <0.086 | | 0.17 | 0.086 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Benzo[b]fluoranthene | <0.070 | | 0.17 | 0.070 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Benzo[g,h,i]perylene | <0.33 | | 0.87 | 0.33 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Benzo[k]fluoranthene | <0.056 | | 0.17 | 0.056 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Chrysene | <0.059 | | 0.17 | 0.059 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Dibenz(a,h)anthracene | <0.044 | | 0.26 | 0.044 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Fluoranthene | <0.40 | | 0.87 | 0.40 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Fluorene | <0.21 | | 0.87 | 0.21 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.065 | | 0.17 | 0.065 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Naphthalene | <0.27 | | 0.87 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Phenanthrene | <0.26 | | 0.87 | 0.26 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Pyrene | <0.37 | | 0.87 | 0.37 | ug/L | | 11/24/20 07:31 | 11/24/20 16:51 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 62 | | 34 - 110 | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Nitrobenzene-d5 (Surr) | 56 | | 36 - 120 | 11/24/20 07:31 | 11/24/20 16:51 | 1 |
| Terphenyl-d14 (Surr) | 107 | | 40 - 145 | 11/24/20 07:31 | 11/24/20 16:51 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|---------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.0013 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Barium | 0.11 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Chromium | <0.0011 | ^ | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Lead | <0.00019 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 20:06 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:42 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-4

Lab Sample ID: 500-191456-10

Date Collected: 11/18/20 17:25

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/30/20 13:19 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/30/20 13:19 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 13:19 | 1 |
| Benzene | 0.31 | J | 0.50 | 0.15 | ug/L | | | 11/30/20 13:19 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 13:19 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/30/20 13:19 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/30/20 13:19 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/30/20 13:19 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/30/20 13:19 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/30/20 13:19 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/30/20 13:19 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/30/20 13:19 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 13:19 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/30/20 13:19 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/30/20 13:19 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/30/20 13:19 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/30/20 13:19 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/30/20 13:19 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/30/20 13:19 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/30/20 13:19 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 11/30/20 13:19 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/30/20 13:19 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 13:19 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-4

Lab Sample ID: 500-191456-10

Date Collected: 11/18/20 17:25

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|---------------|-----------|------|------|------|---|----------|----------------|---------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 13:19 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 13:19 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 13:19 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/30/20 13:19 | 1 |
| Toluene | 0.60 | | 0.50 | 0.15 | ug/L | | | 11/30/20 13:19 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 13:19 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 13:19 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/30/20 13:19 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 13:19 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/30/20 13:19 | 1 |
| Xylenes, Total | 0.27 J | | 1.0 | 0.22 | ug/L | | | 11/30/20 13:19 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | | 11/30/20 13:19 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 | | 11/30/20 13:19 | 1 |
| Dibromofluoromethane (Surr) | 93 | | 75 - 120 | | 11/30/20 13:19 | 1 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | | 11/30/20 13:19 | 1 |

Method: 6020A - Metals (ICP/MS) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------------|-----------|---------|---------|------|---|----------------|----------------|---------|
| Arsenic | 0.00079 J | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Barium | 0.15 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Chromium | <0.0011 ^ | | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Lead | 0.00024 J | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Selenium | 0.0026 | | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 20:10 | 1 |

Method: 7470A - Mercury (CVAA) - Dissolved

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:44 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: Trip-HCL

Lab Sample ID: 500-191456-11

Date Collected: 11/18/20 00:00

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|-----------|------|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 13:56 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 13:56 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:56 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 13:56 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:56 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 13:56 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 13:56 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 13:56 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 13:56 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 13:56 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 13:56 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 13:56 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:56 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 13:56 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 13:56 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 13:56 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 13:56 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 13:56 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 13:56 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 13:56 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| Methylene Chloride | 4.3 J | | 5.0 | 1.6 | ug/L | | | 11/27/20 13:56 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 13:56 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:56 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: Trip-HCL

Lab Sample ID: 500-191456-11

Date Collected: 11/18/20 00:00

Matrix: Water

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:56 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:56 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:56 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 13:56 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 13:56 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:56 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:56 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 13:56 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:56 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 13:56 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 13:56 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 120 | | 75 - 126 | | 11/27/20 13:56 | 1 |
| 4-Bromofluorobenzene (Surr) | 105 | | 72 - 124 | | 11/27/20 13:56 | 1 |
| Dibromofluoromethane (Surr) | 106 | | 75 - 120 | | 11/27/20 13:56 | 1 |
| Toluene-d8 (Surr) | 102 | | 75 - 120 | | 11/27/20 13:56 | 1 |

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| ^ | ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| ¤ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

GC/MS VOA

Analysis Batch: 574166

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-1 | TW-9 | Total/NA | Water | 8260B | |
| 500-191456-2 | DUP 1 | Total/NA | Water | 8260B | |
| 500-191456-3 | TW-3 | Total/NA | Water | 8260B | |
| 500-191456-5 | TW-5 | Total/NA | Water | 8260B | |
| 500-191456-7 | TW-6 | Total/NA | Water | 8260B | |
| 500-191456-8 | TW-7 | Total/NA | Water | 8260B | |
| 500-191456-11 | Trip-HCL | Total/NA | Water | 8260B | |
| MB 500-574166/6 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-574166/4 | Lab Control Sample | Total/NA | Water | 8260B | |
| 500-191456-3 MS | TW-3 | Total/NA | Water | 8260B | |
| 500-191456-3 MSD | TW-3 | Total/NA | Water | 8260B | |

Analysis Batch: 574378

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-8 - DL | TW-7 | Total/NA | Water | 8260B | |
| MB 500-574378/6 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-574378/4 | Lab Control Sample | Total/NA | Water | 8260B | |

Analysis Batch: 574432

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-10 | TW-4 | Total/NA | Water | 8260B | |
| MB 500-574432/28 | Method Blank | Total/NA | Water | 8260B | |
| LCS 500-574432/5 | Lab Control Sample | Total/NA | Water | 8260B | |

GC/MS Semi VOA

Prep Batch: 573716

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-5 | TW-5 | Total/NA | Water | 3510C | |
| 500-191456-6 | DUP 3 | Total/NA | Water | 3510C | |
| 500-191456-7 | TW-6 | Total/NA | Water | 3510C | |
| 500-191456-9 | TW-8 | Total/NA | Water | 3510C | |
| MB 500-573716/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 500-573716/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| 500-191456-7 MS | TW-6 | Total/NA | Water | 3510C | |
| 500-191456-7 MSD | TW-6 | Total/NA | Water | 3510C | |

Analysis Batch: 573752

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-5 | TW-5 | Total/NA | Water | 8270D | 573716 |
| 500-191456-6 | DUP 3 | Total/NA | Water | 8270D | 573716 |
| 500-191456-7 | TW-6 | Total/NA | Water | 8270D | 573716 |
| 500-191456-9 | TW-8 | Total/NA | Water | 8270D | 573716 |
| MB 500-573716/1-A | Method Blank | Total/NA | Water | 8270D | 573716 |
| LCS 500-573716/2-A | Lab Control Sample | Total/NA | Water | 8270D | 573716 |
| 500-191456-7 MS | TW-6 | Total/NA | Water | 8270D | 573716 |
| 500-191456-7 MSD | TW-6 | Total/NA | Water | 8270D | 573716 |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Metals

Prep Batch: 573374

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-191456-3 | TW-3 | Dissolved | Water | 3005A | |
| 500-191456-4 | DUP 2 | Dissolved | Water | 3005A | |
| 500-191456-5 | TW-5 | Dissolved | Water | 3005A | |
| 500-191456-7 | TW-6 | Dissolved | Water | 3005A | |
| 500-191456-8 | TW-7 | Dissolved | Water | 3005A | |
| 500-191456-9 | TW-8 | Dissolved | Water | 3005A | |
| 500-191456-10 | TW-4 | Dissolved | Water | 3005A | |
| MB 500-573374/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 500-573374/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| 500-191456-5 MS | TW-5 | Dissolved | Water | 3005A | |
| 500-191456-5 MSD | TW-5 | Dissolved | Water | 3005A | |
| 500-191456-5 DU | TW-5 | Dissolved | Water | 3005A | |

Prep Batch: 573588

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-3 | TW-3 | Dissolved | Water | 7470A | |
| 500-191456-4 | DUP 2 | Dissolved | Water | 7470A | |
| 500-191456-5 | TW-5 | Dissolved | Water | 7470A | |
| 500-191456-7 | TW-6 | Dissolved | Water | 7470A | |
| 500-191456-8 | TW-7 | Dissolved | Water | 7470A | |
| 500-191456-9 | TW-8 | Dissolved | Water | 7470A | |
| 500-191456-10 | TW-4 | Dissolved | Water | 7470A | |
| MB 500-573588/12-A | Method Blank | Total/NA | Water | 7470A | |
| LCS 500-573588/13-A | Lab Control Sample | Total/NA | Water | 7470A | |
| 500-191456-5 MS | TW-5 | Dissolved | Water | 7470A | |
| 500-191456-5 MSD | TW-5 | Dissolved | Water | 7470A | |
| 500-191456-5 DU | TW-5 | Dissolved | Water | 7470A | |

Analysis Batch: 573771

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-------------------|--------|--------|------------|
| 500-191456-3 | TW-3 | Dissolved | Water | 6020A | 573374 |
| 500-191456-4 | DUP 2 | Dissolved | Water | 6020A | 573374 |
| 500-191456-5 | TW-5 | Dissolved | Water | 6020A | 573374 |
| 500-191456-7 | TW-6 | Dissolved | Water | 6020A | 573374 |
| 500-191456-8 | TW-7 | Dissolved | Water | 6020A | 573374 |
| 500-191456-9 | TW-8 | Dissolved | Water | 6020A | 573374 |
| 500-191456-10 | TW-4 | Dissolved | Water | 6020A | 573374 |
| MB 500-573374/1-A | Method Blank | Total Recoverable | Water | 6020A | 573374 |
| LCS 500-573374/2-A | Lab Control Sample | Total Recoverable | Water | 6020A | 573374 |
| 500-191456-5 MS | TW-5 | Dissolved | Water | 6020A | 573374 |
| 500-191456-5 MSD | TW-5 | Dissolved | Water | 6020A | 573374 |
| 500-191456-5 DU | TW-5 | Dissolved | Water | 6020A | 573374 |

Analysis Batch: 573782

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191456-3 | TW-3 | Dissolved | Water | 7470A | 573588 |
| 500-191456-4 | DUP 2 | Dissolved | Water | 7470A | 573588 |
| 500-191456-5 | TW-5 | Dissolved | Water | 7470A | 573588 |
| 500-191456-7 | TW-6 | Dissolved | Water | 7470A | 573588 |
| 500-191456-8 | TW-7 | Dissolved | Water | 7470A | 573588 |
| 500-191456-9 | TW-8 | Dissolved | Water | 7470A | 573588 |

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QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Metals (Continued)

Analysis Batch: 573782 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191456-10 | TW-4 | Dissolved | Water | 7470A | 573588 |
| MB 500-573588/12-A | Method Blank | Total/NA | Water | 7470A | 573588 |
| LCS 500-573588/13-A | Lab Control Sample | Total/NA | Water | 7470A | 573588 |
| 500-191456-5 MS | TW-5 | Dissolved | Water | 7470A | 573588 |
| 500-191456-5 MSD | TW-5 | Dissolved | Water | 7470A | 573588 |
| 500-191456-5 DU | TW-5 | Dissolved | Water | 7470A | 573588 |

Analysis Batch: 574090

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191456-3 | TW-3 | Dissolved | Water | 6020A | 573374 |
| 500-191456-4 | DUP 2 | Dissolved | Water | 6020A | 573374 |
| 500-191456-8 | TW-7 | Dissolved | Water | 6020A | 573374 |

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|-------------------|--------------------|--|-----------------|------------------|-----------------|
| | | DCA (75-126) | BFB (72-124) | DBFM (75-120) | TOL (75-120) |
| 500-191456-1 | TW-9 | 121 | 101 | 107 | 103 |
| 500-191456-2 | DUP 1 | 123 | 103 | 105 | 102 |
| 500-191456-3 | TW-3 | 122 | 101 | 107 | 101 |
| 500-191456-3 MS | TW-3 | 109 | 106 | 101 | 105 |
| 500-191456-3 MSD | TW-3 | 116 | 105 | 104 | 106 |
| 500-191456-5 | TW-5 | 122 | 103 | 107 | 102 |
| 500-191456-7 | TW-6 | 124 | 102 | 108 | 102 |
| 500-191456-8 | TW-7 | 114 | 109 | 100 | 102 |
| 500-191456-8 - DL | TW-7 | 95 | 98 | 93 | 99 |
| 500-191456-10 | TW-4 | 97 | 99 | 93 | 98 |
| 500-191456-11 | Trip-HCL | 120 | 105 | 106 | 102 |
| LCS 500-574166/4 | Lab Control Sample | 112 | 94 | 101 | 105 |
| LCS 500-574378/4 | Lab Control Sample | 89 | 100 | 90 | 100 |
| LCS 500-574432/5 | Lab Control Sample | 95 | 98 | 94 | 98 |
| MB 500-574166/6 | Method Blank | 122 | 104 | 107 | 101 |
| MB 500-574378/6 | Method Blank | 97 | 99 | 92 | 99 |
| MB 500-574432/28 | Method Blank | 93 | 99 | 90 | 98 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|--------------------|--------------------|--|-----------------|------------------|
| | | FBP (34-110) | NBZ (36-120) | TPHL (40-145) |
| 500-191456-5 | TW-5 | 63 | 61 | 106 |
| 500-191456-6 | DUP 3 | 62 | 53 | 100 |
| 500-191456-7 | TW-6 | 55 | 47 | 81 |
| 500-191456-7 MS | TW-6 | 54 | 50 | 93 |
| 500-191456-7 MSD | TW-6 | 54 | 49 | 92 |
| 500-191456-9 | TW-8 | 62 | 56 | 107 |
| LCS 500-573716/2-A | Lab Control Sample | 73 | 79 | 96 |
| MB 500-573716/1-A | Method Blank | 63 | 63 | 98 |

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-574166/6
Matrix: Water
Analysis Batch: 574166

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/27/20 13:02 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/27/20 13:02 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:02 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 13:02 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:02 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 13:02 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/27/20 13:02 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/27/20 13:02 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/27/20 13:02 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/27/20 13:02 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/27/20 13:02 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/27/20 13:02 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:02 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/27/20 13:02 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/27/20 13:02 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/27/20 13:02 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/27/20 13:02 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/27/20 13:02 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/27/20 13:02 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/27/20 13:02 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 11/27/20 13:02 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/27/20 13:02 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/27/20 13:02 | 1 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574166/6
Matrix: Water
Analysis Batch: 574166

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:02 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/27/20 13:02 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/27/20 13:02 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/27/20 13:02 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/27/20 13:02 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/27/20 13:02 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/27/20 13:02 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/27/20 13:02 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/27/20 13:02 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/27/20 13:02 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/27/20 13:02 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 122 | | 75 - 126 | | 11/27/20 13:02 | 1 |
| 4-Bromofluorobenzene (Surr) | 104 | | 72 - 124 | | 11/27/20 13:02 | 1 |
| Dibromofluoromethane (Surr) | 107 | | 75 - 120 | | 11/27/20 13:02 | 1 |
| Toluene-d8 (Surr) | 101 | | 75 - 120 | | 11/27/20 13:02 | 1 |

Lab Sample ID: LCS 500-574166/4
Matrix: Water
Analysis Batch: 574166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|--------------|
| | | | | | | | |
| 1,1,1-Trichloroethane | 50.0 | 46.5 | | ug/L | | 93 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 40.5 | | ug/L | | 81 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 49.8 | | ug/L | | 100 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 47.2 | | ug/L | | 94 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 41.8 | | ug/L | | 84 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 46.9 | | ug/L | | 94 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 40.7 | | ug/L | | 81 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 50.5 | | ug/L | | 101 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 38.8 | | ug/L | | 78 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 46.1 | | ug/L | | 92 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 49.5 | | ug/L | | 99 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 49.0 | | ug/L | | 98 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 44.2 | | ug/L | | 88 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 53.4 | | ug/L | | 107 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 51.4 | | ug/L | | 103 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 44.8 | | ug/L | | 90 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 46.9 | | ug/L | | 94 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 48.8 | | ug/L | | 98 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 47.0 | | ug/L | | 94 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 50.5 | | ug/L | | 101 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 41.6 | | ug/L | | 83 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 45.4 | | ug/L | | 91 | 68 - 124 |
| Benzene | 50.0 | 44.6 | | ug/L | | 89 | 70 - 120 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-574166/4
Matrix: Water
Analysis Batch: 574166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|------|---|------|--------------|
| Bromobenzene | 50.0 | 43.9 | | ug/L | | 88 | 70 - 122 |
| Bromochloromethane | 50.0 | 46.3 | | ug/L | | 93 | 65 - 122 |
| Bromodichloromethane | 50.0 | 46.8 | | ug/L | | 94 | 69 - 120 |
| Bromoform | 50.0 | 46.6 | | ug/L | | 93 | 56 - 132 |
| Bromomethane | 50.0 | 36.7 | | ug/L | | 73 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 45.5 | | ug/L | | 91 | 59 - 133 |
| Chlorobenzene | 50.0 | 48.6 | | ug/L | | 97 | 70 - 120 |
| Chloroethane | 50.0 | 64.8 | | ug/L | | 130 | 48 - 136 |
| Chloroform | 50.0 | 44.0 | | ug/L | | 88 | 70 - 120 |
| Chloromethane | 50.0 | 52.3 | | ug/L | | 105 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 43.0 | | ug/L | | 86 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 47.7 | | ug/L | | 95 | 64 - 127 |
| Dibromochloromethane | 50.0 | 47.9 | | ug/L | | 96 | 68 - 125 |
| Dibromomethane | 50.0 | 47.6 | | ug/L | | 95 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 51.2 | | ug/L | | 102 | 40 - 159 |
| Ethylbenzene | 50.0 | 46.2 | | ug/L | | 92 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 41.6 | | ug/L | | 83 | 51 - 150 |
| Isopropylbenzene | 50.0 | 42.2 | | ug/L | | 84 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 45.0 | | ug/L | | 90 | 55 - 123 |
| Methylene Chloride | 50.0 | 42.9 | | ug/L | | 86 | 69 - 125 |
| Naphthalene | 50.0 | 42.0 | | ug/L | | 84 | 53 - 144 |
| n-Butylbenzene | 50.0 | 46.3 | | ug/L | | 93 | 68 - 125 |
| N-Propylbenzene | 50.0 | 43.1 | | ug/L | | 86 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 48.2 | | ug/L | | 96 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 46.6 | | ug/L | | 93 | 70 - 123 |
| Styrene | 50.0 | 44.8 | | ug/L | | 90 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 47.0 | | ug/L | | 94 | 70 - 121 |
| Tetrachloroethene | 50.0 | 48.3 | | ug/L | | 97 | 70 - 128 |
| Toluene | 50.0 | 47.7 | | ug/L | | 95 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 42.3 | | ug/L | | 85 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 48.7 | | ug/L | | 97 | 62 - 128 |
| Trichloroethene | 50.0 | 49.5 | | ug/L | | 99 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 42.9 | | ug/L | | 86 | 55 - 128 |
| Vinyl chloride | 50.0 | 47.5 | | ug/L | | 95 | 64 - 126 |
| Xylenes, Total | 100 | 82.1 | | ug/L | | 82 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 112 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 94 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 101 | | 75 - 120 |
| Toluene-d8 (Surr) | 105 | | 75 - 120 |

Lab Sample ID: 500-191456-3 MS
Matrix: Water
Analysis Batch: 574166

Client Sample ID: TW-3
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 47.7 | | ug/L | | 95 | 70 - 125 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191456-3 MS

Matrix: Water

Analysis Batch: 574166

Client Sample ID: TW-3

Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 47.5 | | ug/L | | 95 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | <0.40 | | 50.0 | 48.4 | | ug/L | | 97 | 62 - 140 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 51.1 | | ug/L | | 102 | 71 - 130 |
| 1,1-Dichloroethane | <0.41 | | 50.0 | 49.3 | | ug/L | | 99 | 70 - 125 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 42.8 | | ug/L | | 86 | 67 - 122 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 45.7 | | ug/L | | 91 | 70 - 121 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 42.5 | | ug/L | | 85 | 51 - 145 |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 57.0 | | ug/L | | 114 | 50 - 133 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 40.5 | | ug/L | | 81 | 57 - 137 |
| 1,2,4-Trimethylbenzene | <0.36 | | 50.0 | 48.5 | | ug/L | | 97 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 55.6 | | ug/L | | 111 | 56 - 123 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 52.0 | | ug/L | | 104 | 70 - 125 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 46.7 | | ug/L | | 93 | 70 - 125 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 54.2 | | ug/L | | 108 | 68 - 127 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 55.0 | | ug/L | | 110 | 67 - 130 |
| 1,3,5-Trimethylbenzene | <0.25 | | 50.0 | 48.4 | | ug/L | | 97 | 70 - 123 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 48.3 | | ug/L | | 97 | 70 - 125 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 52.2 | | ug/L | | 104 | 62 - 136 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 48.4 | | ug/L | | 97 | 70 - 120 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 49.0 | | ug/L | | 98 | 58 - 139 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 48.1 | | ug/L | | 96 | 70 - 125 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 49.3 | | ug/L | | 99 | 68 - 124 |
| Benzene | <0.15 | | 50.0 | 44.3 | | ug/L | | 89 | 70 - 120 |
| Bromobenzene | <0.36 | | 50.0 | 47.7 | | ug/L | | 95 | 70 - 122 |
| Bromochloromethane | <0.43 | | 50.0 | 48.5 | | ug/L | | 97 | 65 - 122 |
| Bromodichloromethane | <0.37 | | 50.0 | 49.7 | | ug/L | | 99 | 69 - 120 |
| Bromoform | <0.48 | | 50.0 | 51.1 | | ug/L | | 102 | 56 - 132 |
| Bromomethane | <0.80 | | 50.0 | 38.8 | | ug/L | | 78 | 40 - 152 |
| Carbon tetrachloride | <0.38 | | 50.0 | 44.9 | | ug/L | | 90 | 59 - 133 |
| Chlorobenzene | <0.39 | | 50.0 | 50.9 | | ug/L | | 102 | 70 - 120 |
| Chloroethane | <0.51 | F1 | 50.0 | 69.6 | F1 | ug/L | | 139 | 48 - 136 |
| Chloroform | <0.37 | | 50.0 | 46.8 | | ug/L | | 94 | 70 - 120 |
| Chloromethane | <0.32 | | 50.0 | 54.3 | | ug/L | | 109 | 56 - 152 |
| cis-1,2-Dichloroethene | <0.41 | | 50.0 | 45.2 | | ug/L | | 90 | 70 - 125 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 48.3 | | ug/L | | 97 | 64 - 127 |
| Dibromochloromethane | <0.49 | | 50.0 | 51.0 | | ug/L | | 102 | 68 - 125 |
| Dibromomethane | <0.27 | | 50.0 | 50.6 | | ug/L | | 101 | 70 - 120 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 49.2 | | ug/L | | 98 | 40 - 159 |
| Ethylbenzene | <0.18 | | 50.0 | 47.7 | | ug/L | | 95 | 70 - 123 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 42.3 | | ug/L | | 85 | 51 - 150 |
| Isopropylbenzene | <0.39 | | 50.0 | 48.7 | | ug/L | | 97 | 70 - 126 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 47.7 | | ug/L | | 95 | 55 - 123 |
| Methylene Chloride | 4.0 | J | 50.0 | 47.6 | | ug/L | | 87 | 69 - 125 |
| Naphthalene | <0.34 | | 50.0 | 46.4 | | ug/L | | 93 | 53 - 144 |
| n-Butylbenzene | <0.39 | | 50.0 | 46.7 | | ug/L | | 93 | 68 - 125 |
| N-Propylbenzene | <0.41 | | 50.0 | 49.0 | | ug/L | | 98 | 69 - 127 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 49.5 | | ug/L | | 99 | 70 - 125 |
| sec-Butylbenzene | <0.40 | | 50.0 | 48.8 | | ug/L | | 98 | 70 - 123 |
| Styrene | <0.39 | | 50.0 | 51.2 | | ug/L | | 102 | 70 - 120 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191456-3 MS
Matrix: Water
Analysis Batch: 574166

Client Sample ID: TW-3
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|------|---|------|--------------|
| tert-Butylbenzene | <0.40 | | 50.0 | 50.0 | | ug/L | | 100 | 70 - 121 |
| Tetrachloroethene | 6.4 | | 50.0 | 55.3 | | ug/L | | 98 | 70 - 128 |
| Toluene | 0.17 | J | 50.0 | 50.1 | | ug/L | | 100 | 70 - 125 |
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 44.4 | | ug/L | | 89 | 70 - 125 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 49.4 | | ug/L | | 99 | 62 - 128 |
| Trichloroethene | 0.17 | J | 50.0 | 51.4 | | ug/L | | 102 | 70 - 125 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 44.0 | | ug/L | | 88 | 55 - 128 |
| Vinyl chloride | <0.20 | | 50.0 | 47.3 | | ug/L | | 95 | 64 - 126 |
| Xylenes, Total | <0.22 | | 100 | 90.0 | | ug/L | | 90 | 70 - 125 |

| Surrogate | MS %Recovery | MS Qualifier | MS Limits |
|------------------------------|--------------|--------------|-----------|
| 1,2-Dichloroethane-d4 (Surr) | 109 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 106 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 101 | | 75 - 120 |
| Toluene-d8 (Surr) | 105 | | 75 - 120 |

Lab Sample ID: 500-191456-3 MSD
Matrix: Water
Analysis Batch: 574166

Client Sample ID: TW-3
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 50.0 | 50.6 | | ug/L | | 101 | 70 - 125 | 6 | 20 |
| 1,1,1-Trichloroethane | <0.38 | | 50.0 | 49.9 | | ug/L | | 100 | 70 - 125 | 5 | 20 |
| 1,1,1,2-Tetrachloroethane | <0.40 | | 50.0 | 52.7 | | ug/L | | 105 | 62 - 140 | 8 | 20 |
| 1,1,2-Trichloroethane | <0.35 | | 50.0 | 52.0 | | ug/L | | 104 | 71 - 130 | 2 | 20 |
| 1,1-Dichloroethane | <0.41 | | 50.0 | 51.8 | | ug/L | | 104 | 70 - 125 | 5 | 20 |
| 1,1-Dichloroethene | <0.39 | | 50.0 | 45.2 | | ug/L | | 90 | 67 - 122 | 5 | 20 |
| 1,1-Dichloropropene | <0.30 | | 50.0 | 50.2 | | ug/L | | 100 | 70 - 121 | 9 | 20 |
| 1,2,3-Trichlorobenzene | <0.46 | | 50.0 | 44.9 | | ug/L | | 90 | 51 - 145 | 6 | 20 |
| 1,2,3-Trichloropropane | <0.41 | | 50.0 | 60.3 | | ug/L | | 121 | 50 - 133 | 6 | 20 |
| 1,2,4-Trichlorobenzene | <0.34 | | 50.0 | 42.5 | | ug/L | | 85 | 57 - 137 | 5 | 20 |
| 1,2,4-Trimethylbenzene | <0.36 | | 50.0 | 50.1 | | ug/L | | 100 | 70 - 123 | 3 | 20 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 50.0 | 58.2 | | ug/L | | 116 | 56 - 123 | 5 | 20 |
| 1,2-Dibromoethane | <0.39 | | 50.0 | 52.6 | | ug/L | | 105 | 70 - 125 | 1 | 20 |
| 1,2-Dichlorobenzene | <0.33 | | 50.0 | 47.7 | | ug/L | | 95 | 70 - 125 | 2 | 20 |
| 1,2-Dichloroethane | <0.39 | | 50.0 | 56.6 | | ug/L | | 113 | 68 - 127 | 4 | 20 |
| 1,2-Dichloropropane | <0.43 | | 50.0 | 55.2 | | ug/L | | 110 | 67 - 130 | 0 | 20 |
| 1,3,5-Trimethylbenzene | <0.25 | | 50.0 | 50.4 | | ug/L | | 101 | 70 - 123 | 4 | 20 |
| 1,3-Dichlorobenzene | <0.40 | | 50.0 | 50.0 | | ug/L | | 100 | 70 - 125 | 4 | 20 |
| 1,3-Dichloropropane | <0.36 | | 50.0 | 48.9 | | ug/L | | 98 | 62 - 136 | 7 | 20 |
| 1,4-Dichlorobenzene | <0.36 | | 50.0 | 49.7 | | ug/L | | 99 | 70 - 120 | 3 | 20 |
| 2,2-Dichloropropane | <0.44 | | 50.0 | 53.5 | | ug/L | | 107 | 58 - 139 | 9 | 20 |
| 2-Chlorotoluene | <0.31 | | 50.0 | 50.0 | | ug/L | | 100 | 70 - 125 | 4 | 20 |
| 4-Chlorotoluene | <0.35 | | 50.0 | 50.0 | | ug/L | | 100 | 68 - 124 | 1 | 20 |
| Benzene | <0.15 | | 50.0 | 48.0 | | ug/L | | 96 | 70 - 120 | 8 | 20 |
| Bromobenzene | <0.36 | | 50.0 | 49.7 | | ug/L | | 99 | 70 - 122 | 4 | 20 |
| Bromochloromethane | <0.43 | | 50.0 | 50.1 | | ug/L | | 100 | 65 - 122 | 3 | 20 |
| Bromodichloromethane | <0.37 | | 50.0 | 49.8 | | ug/L | | 100 | 69 - 120 | 0 | 20 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191456-3 MSD
Matrix: Water
Analysis Batch: 574166

Client Sample ID: TW-3
Prep Type: Total/NA

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec. Limits | RPD | RPD Limit |
|---------------------------|---------------|------------------|-------------|------------|---------------|------|---|------|--------------|-----|-----------|
| Bromoform | <0.48 | | 50.0 | 53.0 | | ug/L | | 106 | 56 - 132 | 4 | 20 |
| Bromomethane | <0.80 | | 50.0 | 42.1 | | ug/L | | 84 | 40 - 152 | 8 | 20 |
| Carbon tetrachloride | <0.38 | | 50.0 | 48.4 | | ug/L | | 97 | 59 - 133 | 7 | 20 |
| Chlorobenzene | <0.39 | | 50.0 | 51.5 | | ug/L | | 103 | 70 - 120 | 1 | 20 |
| Chloroethane | <0.51 | F1 | 50.0 | 75.2 | F1 | ug/L | | 150 | 48 - 136 | 8 | 20 |
| Chloroform | <0.37 | | 50.0 | 48.6 | | ug/L | | 97 | 70 - 120 | 4 | 20 |
| Chloromethane | <0.32 | | 50.0 | 59.5 | | ug/L | | 119 | 56 - 152 | 9 | 20 |
| cis-1,2-Dichloroethene | <0.41 | | 50.0 | 46.9 | | ug/L | | 94 | 70 - 125 | 4 | 20 |
| cis-1,3-Dichloropropene | <0.42 | | 50.0 | 49.1 | | ug/L | | 98 | 64 - 127 | 2 | 20 |
| Dibromochloromethane | <0.49 | | 50.0 | 51.6 | | ug/L | | 103 | 68 - 125 | 1 | 20 |
| Dibromomethane | <0.27 | | 50.0 | 51.2 | | ug/L | | 102 | 70 - 120 | 1 | 20 |
| Dichlorodifluoromethane | <0.67 | | 50.0 | 56.0 | | ug/L | | 112 | 40 - 159 | 13 | 20 |
| Ethylbenzene | <0.18 | | 50.0 | 49.0 | | ug/L | | 98 | 70 - 123 | 3 | 20 |
| Hexachlorobutadiene | <0.45 | | 50.0 | 45.2 | | ug/L | | 90 | 51 - 150 | 7 | 20 |
| Isopropylbenzene | <0.39 | | 50.0 | 51.1 | | ug/L | | 102 | 70 - 126 | 5 | 20 |
| Methyl tert-butyl ether | <0.39 | | 50.0 | 50.2 | | ug/L | | 100 | 55 - 123 | 5 | 20 |
| Methylene Chloride | 4.0 | J | 50.0 | 49.8 | | ug/L | | 92 | 69 - 125 | 5 | 20 |
| Naphthalene | <0.34 | | 50.0 | 48.6 | | ug/L | | 97 | 53 - 144 | 5 | 20 |
| n-Butylbenzene | <0.39 | | 50.0 | 46.3 | | ug/L | | 93 | 68 - 125 | 1 | 20 |
| N-Propylbenzene | <0.41 | | 50.0 | 50.5 | | ug/L | | 101 | 69 - 127 | 3 | 20 |
| p-Isopropyltoluene | <0.36 | | 50.0 | 51.1 | | ug/L | | 102 | 70 - 125 | 3 | 20 |
| sec-Butylbenzene | <0.40 | | 50.0 | 51.0 | | ug/L | | 102 | 70 - 123 | 4 | 20 |
| Styrene | <0.39 | | 50.0 | 52.4 | | ug/L | | 105 | 70 - 120 | 2 | 20 |
| tert-Butylbenzene | <0.40 | | 50.0 | 52.0 | | ug/L | | 104 | 70 - 121 | 4 | 20 |
| Tetrachloroethene | 6.4 | | 50.0 | 56.4 | | ug/L | | 100 | 70 - 128 | 2 | 20 |
| Toluene | 0.17 | J | 50.0 | 51.5 | | ug/L | | 103 | 70 - 125 | 3 | 20 |
| trans-1,2-Dichloroethene | <0.35 | | 50.0 | 46.5 | | ug/L | | 93 | 70 - 125 | 5 | 20 |
| trans-1,3-Dichloropropene | <0.36 | | 50.0 | 47.1 | | ug/L | | 94 | 62 - 128 | 5 | 20 |
| Trichloroethene | 0.17 | J | 50.0 | 52.3 | | ug/L | | 104 | 70 - 125 | 2 | 20 |
| Trichlorofluoromethane | <0.43 | | 50.0 | 47.1 | | ug/L | | 94 | 55 - 128 | 7 | 20 |
| Vinyl chloride | <0.20 | | 50.0 | 51.7 | | ug/L | | 103 | 64 - 126 | 9 | 20 |
| Xylenes, Total | <0.22 | | 100 | 92.7 | | ug/L | | 93 | 70 - 125 | 3 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | MSD Limits |
|------------------------------|---------------|---------------|------------|
| 1,2-Dichloroethane-d4 (Surr) | 116 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 105 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 104 | | 75 - 120 |
| Toluene-d8 (Surr) | 106 | | 75 - 120 |

Lab Sample ID: MB 500-574378/6
Matrix: Water
Analysis Batch: 574378

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/29/20 12:09 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574378/6
Matrix: Water
Analysis Batch: 574378

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/29/20 12:09 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/29/20 12:09 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/29/20 12:09 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/29/20 12:09 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/29/20 12:09 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/29/20 12:09 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/29/20 12:09 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/29/20 12:09 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/29/20 12:09 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/29/20 12:09 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/29/20 12:09 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/29/20 12:09 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/29/20 12:09 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/29/20 12:09 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/29/20 12:09 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/29/20 12:09 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/29/20 12:09 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/29/20 12:09 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/29/20 12:09 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/29/20 12:09 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 11/29/20 12:09 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/29/20 12:09 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/29/20 12:09 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/29/20 12:09 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/29/20 12:09 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/29/20 12:09 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/29/20 12:09 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574378/6
Matrix: Water
Analysis Batch: 574378

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/29/20 12:09 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/29/20 12:09 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/29/20 12:09 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/29/20 12:09 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/29/20 12:09 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/29/20 12:09 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/29/20 12:09 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | | 11/29/20 12:09 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 | | 11/29/20 12:09 | 1 |
| Dibromofluoromethane (Surr) | 92 | | 75 - 120 | | 11/29/20 12:09 | 1 |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | | 11/29/20 12:09 | 1 |

Lab Sample ID: LCS 500-574378/4
Matrix: Water
Analysis Batch: 574378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | 50.0 | 46.5 | | ug/L | | 93 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 49.5 | | ug/L | | 99 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 46.3 | | ug/L | | 93 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 44.1 | | ug/L | | 88 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 51.3 | | ug/L | | 103 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 50.3 | | ug/L | | 101 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 51.7 | | ug/L | | 103 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 41.9 | | ug/L | | 84 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 48.0 | | ug/L | | 96 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 45.8 | | ug/L | | 92 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 53.4 | | ug/L | | 107 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 32.9 | | ug/L | | 66 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 44.2 | | ug/L | | 88 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 46.8 | | ug/L | | 94 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 42.9 | | ug/L | | 86 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 51.6 | | ug/L | | 103 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 54.4 | | ug/L | | 109 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 50.1 | | ug/L | | 100 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 45.3 | | ug/L | | 91 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 48.3 | | ug/L | | 97 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 53.5 | | ug/L | | 107 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 52.3 | | ug/L | | 105 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 51.4 | | ug/L | | 103 | 68 - 124 |
| Benzene | 50.0 | 49.7 | | ug/L | | 99 | 70 - 120 |
| Bromobenzene | 50.0 | 50.8 | | ug/L | | 102 | 70 - 122 |
| Bromochloromethane | 50.0 | 45.6 | | ug/L | | 91 | 65 - 122 |
| Bromodichloromethane | 50.0 | 43.1 | | ug/L | | 86 | 69 - 120 |
| Bromoform | 50.0 | 38.8 | | ug/L | | 78 | 56 - 132 |
| Bromomethane | 50.0 | 47.0 | | ug/L | | 94 | 40 - 152 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-574378/4
Matrix: Water
Analysis Batch: 574378

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|------|---|------|--------------|
| Carbon tetrachloride | 50.0 | 50.3 | | ug/L | | 101 | 59 - 133 |
| Chlorobenzene | 50.0 | 47.0 | | ug/L | | 94 | 70 - 120 |
| Chloroethane | 50.0 | 47.3 | | ug/L | | 95 | 48 - 136 |
| Chloroform | 50.0 | 44.8 | | ug/L | | 90 | 70 - 120 |
| Chloromethane | 50.0 | 53.5 | | ug/L | | 107 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 46.6 | | ug/L | | 93 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 46.4 | | ug/L | | 93 | 64 - 127 |
| Dibromochloromethane | 50.0 | 41.4 | | ug/L | | 83 | 68 - 125 |
| Dibromomethane | 50.0 | 43.4 | | ug/L | | 87 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 47.2 | | ug/L | | 94 | 40 - 159 |
| Ethylbenzene | 50.0 | 51.0 | | ug/L | | 102 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 53.3 | | ug/L | | 107 | 51 - 150 |
| Isopropylbenzene | 50.0 | 58.4 | | ug/L | | 117 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 41.0 | | ug/L | | 82 | 55 - 123 |
| Methylene Chloride | 50.0 | 45.7 | | ug/L | | 91 | 69 - 125 |
| Naphthalene | 50.0 | 36.6 | | ug/L | | 73 | 53 - 144 |
| n-Butylbenzene | 50.0 | 53.1 | | ug/L | | 106 | 68 - 125 |
| N-Propylbenzene | 50.0 | 55.4 | | ug/L | | 111 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 54.6 | | ug/L | | 109 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 55.4 | | ug/L | | 111 | 70 - 123 |
| Styrene | 50.0 | 48.1 | | ug/L | | 96 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 54.7 | | ug/L | | 109 | 70 - 121 |
| Tetrachloroethene | 50.0 | 54.8 | | ug/L | | 110 | 70 - 128 |
| Toluene | 50.0 | 50.6 | | ug/L | | 101 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 48.5 | | ug/L | | 97 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 43.3 | | ug/L | | 87 | 62 - 128 |
| Trichloroethene | 50.0 | 51.6 | | ug/L | | 103 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 43.1 | | ug/L | | 86 | 55 - 128 |
| Vinyl chloride | 50.0 | 48.0 | | ug/L | | 96 | 64 - 126 |
| Xylenes, Total | 100 | 96.3 | | ug/L | | 96 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 89 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 90 | | 75 - 120 |
| Toluene-d8 (Surr) | 100 | | 75 - 120 |

Lab Sample ID: MB 500-574432/28
Matrix: Water
Analysis Batch: 574432

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|--------------|-----|------|------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574432/28
Matrix: Water
Analysis Batch: 574432

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,3,5-Trimethylbenzene | <0.25 | | 1.0 | 0.25 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/L | | | 11/30/20 12:04 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/L | | | 11/30/20 12:04 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 12:04 | 1 |
| Benzene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/30/20 12:04 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 12:04 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/30/20 12:04 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/L | | | 11/30/20 12:04 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/L | | | 11/30/20 12:04 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/L | | | 11/30/20 12:04 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| Chloroethane | <0.51 | | 1.0 | 0.51 | ug/L | | | 11/30/20 12:04 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/L | | | 11/30/20 12:04 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/L | | | 11/30/20 12:04 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 12:04 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/L | | | 11/30/20 12:04 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/L | | | 11/30/20 12:04 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/L | | | 11/30/20 12:04 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/L | | | 11/30/20 12:04 | 1 |
| Ethylbenzene | <0.18 | | 0.50 | 0.18 | ug/L | | | 11/30/20 12:04 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/L | | | 11/30/20 12:04 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/L | | | 11/30/20 12:04 | 1 |
| Isopropylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/L | | | 11/30/20 12:04 | 1 |
| Naphthalene | <0.34 | | 1.0 | 0.34 | ug/L | | | 11/30/20 12:04 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/L | | | 11/30/20 12:04 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 12:04 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/L | | | 11/30/20 12:04 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/L | | | 11/30/20 12:04 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/L | | | 11/30/20 12:04 | 1 |
| Toluene | <0.15 | | 0.50 | 0.15 | ug/L | | | 11/30/20 12:04 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/L | | | 11/30/20 12:04 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574432/28
Matrix: Water
Analysis Batch: 574432

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-----------|--------------|------|------|------|---|----------|----------------|---------|
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/L | | | 11/30/20 12:04 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/L | | | 11/30/20 12:04 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/L | | | 11/30/20 12:04 | 1 |
| Vinyl chloride | <0.20 | | 1.0 | 0.20 | ug/L | | | 11/30/20 12:04 | 1 |
| Xylenes, Total | <0.22 | | 1.0 | 0.22 | ug/L | | | 11/30/20 12:04 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 93 | | 75 - 126 | | 11/30/20 12:04 | 1 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 | | 11/30/20 12:04 | 1 |
| Dibromofluoromethane (Surr) | 90 | | 75 - 120 | | 11/30/20 12:04 | 1 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | | 11/30/20 12:04 | 1 |

Lab Sample ID: LCS 500-574432/5
Matrix: Water
Analysis Batch: 574432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | 50.0 | 44.5 | | ug/L | | 89 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 45.2 | | ug/L | | 90 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | 50.0 | 46.0 | | ug/L | | 92 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 43.6 | | ug/L | | 87 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 48.4 | | ug/L | | 97 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 45.5 | | ug/L | | 91 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 47.5 | | ug/L | | 95 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 44.9 | | ug/L | | 90 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 46.2 | | ug/L | | 92 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 46.2 | | ug/L | | 92 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 48.1 | | ug/L | | 96 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 34.8 | | ug/L | | 70 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 43.9 | | ug/L | | 88 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 44.3 | | ug/L | | 89 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 43.4 | | ug/L | | 87 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 50.4 | | ug/L | | 101 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 48.5 | | ug/L | | 97 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 46.2 | | ug/L | | 92 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 43.9 | | ug/L | | 88 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 45.0 | | ug/L | | 90 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 48.7 | | ug/L | | 97 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 47.0 | | ug/L | | 94 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 46.1 | | ug/L | | 92 | 68 - 124 |
| Benzene | 50.0 | 46.8 | | ug/L | | 94 | 70 - 120 |
| Bromobenzene | 50.0 | 47.3 | | ug/L | | 95 | 70 - 122 |
| Bromochloromethane | 50.0 | 45.7 | | ug/L | | 91 | 65 - 122 |
| Bromodichloromethane | 50.0 | 42.9 | | ug/L | | 86 | 69 - 120 |
| Bromoform | 50.0 | 39.6 | | ug/L | | 79 | 56 - 132 |
| Bromomethane | 50.0 | 45.8 | | ug/L | | 92 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 46.1 | | ug/L | | 92 | 59 - 133 |
| Chlorobenzene | 50.0 | 44.4 | | ug/L | | 89 | 70 - 120 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-574432/5
Matrix: Water
Analysis Batch: 574432

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|------|---|------|--------------|
| Chloroethane | 50.0 | 45.8 | | ug/L | | 92 | 48 - 136 |
| Chloroform | 50.0 | 42.5 | | ug/L | | 85 | 70 - 120 |
| Chloromethane | 50.0 | 52.0 | | ug/L | | 104 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 43.9 | | ug/L | | 88 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 44.7 | | ug/L | | 89 | 64 - 127 |
| Dibromochloromethane | 50.0 | 40.8 | | ug/L | | 82 | 68 - 125 |
| Dibromomethane | 50.0 | 44.5 | | ug/L | | 89 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 43.1 | | ug/L | | 86 | 40 - 159 |
| Ethylbenzene | 50.0 | 46.8 | | ug/L | | 94 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 52.3 | | ug/L | | 105 | 51 - 150 |
| Isopropylbenzene | 50.0 | 51.0 | | ug/L | | 102 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 41.8 | | ug/L | | 84 | 55 - 123 |
| Methylene Chloride | 50.0 | 44.3 | | ug/L | | 89 | 69 - 125 |
| Naphthalene | 50.0 | 41.1 | | ug/L | | 82 | 53 - 144 |
| n-Butylbenzene | 50.0 | 47.4 | | ug/L | | 95 | 68 - 125 |
| N-Propylbenzene | 50.0 | 48.4 | | ug/L | | 97 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 48.3 | | ug/L | | 97 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 48.9 | | ug/L | | 98 | 70 - 123 |
| Styrene | 50.0 | 45.5 | | ug/L | | 91 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 48.2 | | ug/L | | 96 | 70 - 121 |
| Tetrachloroethene | 50.0 | 49.4 | | ug/L | | 99 | 70 - 128 |
| Toluene | 50.0 | 46.5 | | ug/L | | 93 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 44.5 | | ug/L | | 89 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 42.1 | | ug/L | | 84 | 62 - 128 |
| Trichloroethene | 50.0 | 47.5 | | ug/L | | 95 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 41.8 | | ug/L | | 84 | 55 - 128 |
| Vinyl chloride | 50.0 | 46.4 | | ug/L | | 93 | 64 - 126 |
| Xylenes, Total | 100 | 88.4 | | ug/L | | 88 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 94 | | 75 - 120 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-573716/1-A
Matrix: Water
Analysis Batch: 573752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573716

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|------|-------|------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <0.24 | | 1.6 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| 2-Methylnaphthalene | <0.052 | | 1.6 | 0.052 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Acenaphthene | <0.25 | | 0.80 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Acenaphthylene | <0.21 | | 0.80 | 0.21 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Anthracene | <0.27 | | 0.80 | 0.27 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Benzo[a]anthracene | <0.045 | | 0.16 | 0.045 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Benzo[a]pyrene | <0.079 | | 0.16 | 0.079 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-573716/1-A
Matrix: Water
Analysis Batch: 573752

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573716

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|------|-------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzo[b]fluoranthene | <0.065 | | 0.16 | 0.065 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Benzo[g,h,i]perylene | <0.30 | | 0.80 | 0.30 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Benzo[k]fluoranthene | <0.051 | | 0.16 | 0.051 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Chrysene | <0.055 | | 0.16 | 0.055 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Dibenz(a,h)anthracene | <0.041 | | 0.24 | 0.041 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Fluoranthene | <0.36 | | 0.80 | 0.36 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Fluorene | <0.20 | | 0.80 | 0.20 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.060 | | 0.16 | 0.060 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Naphthalene | <0.25 | | 0.80 | 0.25 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Phenanthrene | <0.24 | | 0.80 | 0.24 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Pyrene | <0.34 | | 0.80 | 0.34 | ug/L | | 11/24/20 07:31 | 11/24/20 14:39 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 2-Fluorobiphenyl (Surr) | 63 | | 34 - 110 | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Nitrobenzene-d5 (Surr) | 63 | | 36 - 120 | 11/24/20 07:31 | 11/24/20 14:39 | 1 |
| Terphenyl-d14 (Surr) | 98 | | 40 - 145 | 11/24/20 07:31 | 11/24/20 14:39 | 1 |

Lab Sample ID: LCS 500-573716/2-A
Matrix: Water
Analysis Batch: 573752

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573716

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|------------------------|-------------|------------|---------------|------|---|------|----------|
| | | | | | | | |
| 2-Methylnaphthalene | 32.0 | 13.6 | | ug/L | | 42 | 34 - 110 |
| Acenaphthene | 32.0 | 17.0 | | ug/L | | 53 | 46 - 110 |
| Acenaphthylene | 32.0 | 18.4 | | ug/L | | 57 | 47 - 113 |
| Anthracene | 32.0 | 26.2 | | ug/L | | 82 | 67 - 118 |
| Benzo[a]anthracene | 32.0 | 26.4 | | ug/L | | 82 | 70 - 126 |
| Benzo[a]pyrene | 32.0 | 28.3 | | ug/L | | 89 | 70 - 135 |
| Benzo[b]fluoranthene | 32.0 | 27.6 | | ug/L | | 86 | 69 - 136 |
| Benzo[g,h,i]perylene | 32.0 | 28.6 | | ug/L | | 89 | 70 - 135 |
| Benzo[k]fluoranthene | 32.0 | 27.4 | | ug/L | | 86 | 70 - 133 |
| Chrysene | 32.0 | 26.7 | | ug/L | | 84 | 68 - 129 |
| Dibenz(a,h)anthracene | 32.0 | 30.5 | | ug/L | | 95 | 70 - 134 |
| Fluoranthene | 32.0 | 27.4 | | ug/L | | 86 | 68 - 126 |
| Fluorene | 32.0 | 20.3 | | ug/L | | 63 | 53 - 120 |
| Indeno[1,2,3-cd]pyrene | 32.0 | 30.3 | | ug/L | | 95 | 65 - 133 |
| Naphthalene | 32.0 | 13.5 | | ug/L | | 42 | 36 - 110 |
| Phenanthrene | 32.0 | 24.9 | | ug/L | | 78 | 65 - 120 |
| Pyrene | 32.0 | 26.6 | | ug/L | | 83 | 70 - 126 |

| Surrogate | LCS | LCS | Limits |
|-------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl (Surr) | 73 | | 34 - 110 |
| Nitrobenzene-d5 (Surr) | 79 | | 36 - 120 |
| Terphenyl-d14 (Surr) | 96 | | 40 - 145 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191456-7 MS

Matrix: Water

Analysis Batch: 573752

Client Sample ID: TW-6

Prep Type: Total/NA

Prep Batch: 573716

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|------------------------|--------|-----------|-------|--------|-----------|------|---|------|-------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| 1-Methylnaphthalene | <0.24 | F1 F2 | 32.3 | 7.64 | F1 | ug/L | | 24 | | 38 - 110 |
| 2-Methylnaphthalene | <0.052 | F1 F2 | 32.3 | 7.62 | F1 | ug/L | | 24 | | 34 - 110 |
| Acenaphthene | <0.25 | F1 | 32.3 | 12.2 | F1 | ug/L | | 38 | | 46 - 110 |
| Acenaphthylene | <0.21 | F1 | 32.3 | 12.4 | F1 | ug/L | | 38 | | 47 - 113 |
| Anthracene | <0.27 | | 32.3 | 25.3 | | ug/L | | 78 | | 67 - 118 |
| Benzo[a]anthracene | <0.045 | | 32.3 | 26.4 | | ug/L | | 82 | | 70 - 126 |
| Benzo[a]pyrene | <0.079 | | 32.3 | 29.8 | | ug/L | | 92 | | 70 - 135 |
| Benzo[b]fluoranthene | <0.064 | F2 | 32.3 | 31.7 | | ug/L | | 98 | | 69 - 136 |
| Benzo[g,h,i]perylene | <0.30 | | 32.3 | 28.5 | | ug/L | | 88 | | 70 - 135 |
| Benzo[k]fluoranthene | <0.051 | | 32.3 | 31.1 | | ug/L | | 96 | | 70 - 133 |
| Chrysene | <0.054 | | 32.3 | 29.7 | | ug/L | | 92 | | 68 - 129 |
| Dibenz(a,h)anthracene | <0.040 | | 32.3 | 31.7 | | ug/L | | 98 | | 70 - 134 |
| Fluoranthene | <0.36 | | 32.3 | 25.2 | | ug/L | | 78 | | 68 - 126 |
| Fluorene | <0.19 | F1 | 32.3 | 17.8 | | ug/L | | 55 | | 53 - 120 |
| Indeno[1,2,3-cd]pyrene | <0.059 | | 32.3 | 31.1 | | ug/L | | 96 | | 65 - 133 |
| Naphthalene | <0.25 | F1 | 32.3 | 7.46 | F1 | ug/L | | 23 | | 36 - 110 |
| Phenanthrene | <0.24 | | 32.3 | 23.8 | | ug/L | | 74 | | 65 - 120 |
| Pyrene | <0.34 | | 32.3 | 26.6 | | ug/L | | 82 | | 70 - 126 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-------------------------|--------------|--------------|----------|
| 2-Fluorobiphenyl (Surr) | 54 | | 34 - 110 |
| Nitrobenzene-d5 (Surr) | 50 | | 36 - 120 |
| Terphenyl-d14 (Surr) | 93 | | 40 - 145 |

Lab Sample ID: 500-191456-7 MSD

Matrix: Water

Analysis Batch: 573752

Client Sample ID: TW-6

Prep Type: Total/NA

Prep Batch: 573716

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | |
|------------------------|--------|-----------|-------|--------|-----------|------|---|------|-------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | RPD | Limit |
| 1-Methylnaphthalene | <0.24 | F1 F2 | 32.5 | 9.78 | F1 F2 | ug/L | | 30 | | 38 - 110 | 25 | 20 |
| 2-Methylnaphthalene | <0.052 | F1 F2 | 32.5 | 9.53 | F1 F2 | ug/L | | 29 | | 34 - 110 | 22 | 20 |
| Acenaphthene | <0.25 | F1 | 32.5 | 12.9 | F1 | ug/L | | 40 | | 46 - 110 | 6 | 20 |
| Acenaphthylene | <0.21 | F1 | 32.5 | 13.0 | F1 | ug/L | | 40 | | 47 - 113 | 5 | 20 |
| Anthracene | <0.27 | | 32.5 | 25.4 | | ug/L | | 78 | | 67 - 118 | 1 | 20 |
| Benzo[a]anthracene | <0.045 | | 32.5 | 26.1 | | ug/L | | 80 | | 70 - 126 | 1 | 20 |
| Benzo[a]pyrene | <0.079 | | 32.5 | 28.5 | | ug/L | | 88 | | 70 - 135 | 4 | 20 |
| Benzo[b]fluoranthene | <0.064 | F2 | 32.5 | 24.5 | F2 | ug/L | | 76 | | 69 - 136 | 25 | 20 |
| Benzo[g,h,i]perylene | <0.30 | | 32.5 | 23.8 | | ug/L | | 73 | | 70 - 135 | 18 | 20 |
| Benzo[k]fluoranthene | <0.051 | | 32.5 | 25.9 | | ug/L | | 80 | | 70 - 133 | 18 | 20 |
| Chrysene | <0.054 | | 32.5 | 26.1 | | ug/L | | 80 | | 68 - 129 | 13 | 20 |
| Dibenz(a,h)anthracene | <0.040 | | 32.5 | 27.4 | | ug/L | | 84 | | 70 - 134 | 15 | 20 |
| Fluoranthene | <0.36 | | 32.5 | 29.0 | | ug/L | | 89 | | 68 - 126 | 14 | 20 |
| Fluorene | <0.19 | F1 | 32.5 | 16.4 | F1 | ug/L | | 51 | | 53 - 120 | 8 | 20 |
| Indeno[1,2,3-cd]pyrene | <0.059 | | 32.5 | 26.8 | | ug/L | | 83 | | 65 - 133 | 15 | 20 |
| Naphthalene | <0.25 | F1 | 32.5 | 8.65 | F1 | ug/L | | 27 | | 36 - 110 | 15 | 20 |
| Phenanthrene | <0.24 | | 32.5 | 23.5 | | ug/L | | 72 | | 65 - 120 | 1 | 20 |
| Pyrene | <0.34 | | 32.5 | 23.5 | | ug/L | | 72 | | 70 - 126 | 12 | 20 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191456-7 MSD
Matrix: Water
Analysis Batch: 573752

Client Sample ID: TW-6
Prep Type: Total/NA
Prep Batch: 573716

| Surrogate | MSD | MSD | Limits |
|-------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl (Surr) | 54 | | 34 - 110 |
| Nitrobenzene-d5 (Surr) | 49 | | 36 - 120 |
| Terphenyl-d14 (Surr) | 92 | | 40 - 145 |

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 500-573374/1-A
Matrix: Water
Analysis Batch: 573771

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 573374

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|----------|-----------|---------|---------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Arsenic | <0.00023 | | 0.0010 | 0.00023 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Barium | <0.00073 | | 0.0025 | 0.00073 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Cadmium | <0.00017 | | 0.00050 | 0.00017 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Chromium | <0.0011 | ^ | 0.0050 | 0.0011 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Lead | <0.00019 | | 0.00050 | 0.00019 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Selenium | <0.00098 | | 0.0025 | 0.00098 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |
| Silver | <0.00012 | | 0.00050 | 0.00012 | mg/L | | 11/20/20 18:26 | 11/23/20 19:21 | 1 |

Lab Sample ID: LCS 500-573374/2-A
Matrix: Water
Analysis Batch: 573771

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 573374

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. | Limits |
|----------|-------------|------------|---------------|------|---|------|-------|----------|
| | | | | | | | | |
| Arsenic | 0.100 | 0.0920 | | mg/L | | 92 | | 80 - 120 |
| Barium | 0.500 | 0.496 | | mg/L | | 99 | | 80 - 120 |
| Cadmium | 0.0500 | 0.0493 | | mg/L | | 99 | | 80 - 120 |
| Chromium | 0.200 | 0.214 | ^ | mg/L | | 107 | | 80 - 120 |
| Lead | 0.100 | 0.105 | | mg/L | | 105 | | 80 - 120 |
| Selenium | 0.100 | 0.0950 | | mg/L | | 95 | | 80 - 120 |
| Silver | 0.0500 | 0.0478 | | mg/L | | 96 | | 80 - 120 |

Lab Sample ID: 500-191456-5 MS
Matrix: Water
Analysis Batch: 573771

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573374

| Analyte | Sample | Sample | Spike Added | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|----------|----------|-----------|-------------|--------|-----------|------|---|------|-------|----------|
| | Result | Qualifier | | Result | Qualifier | | | | | |
| Arsenic | 0.0011 | | 0.100 | 0.104 | | mg/L | | 103 | | 75 - 125 |
| Barium | 0.23 | | 0.500 | 0.753 | | mg/L | | 106 | | 75 - 125 |
| Cadmium | <0.00017 | | 0.0500 | 0.0531 | | mg/L | | 106 | | 75 - 125 |
| Chromium | <0.0011 | ^ | 0.200 | 0.222 | ^ | mg/L | | 111 | | 75 - 125 |
| Lead | 0.00079 | | 0.100 | 0.113 | | mg/L | | 112 | | 75 - 125 |
| Selenium | 0.0015 | J | 0.100 | 0.107 | | mg/L | | 105 | | 75 - 125 |
| Silver | <0.00012 | | 0.0500 | 0.0497 | | mg/L | | 99 | | 75 - 125 |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-191456-5 MSD
Matrix: Water
Analysis Batch: 573771

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573374

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | Limit |
|----------|----------|-----------|--------|--------|-----------|------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | |
| Arsenic | 0.0011 | | 0.100 | 0.0976 | | mg/L | | 97 | 75 - 125 | 6 | 20 |
| Barium | 0.23 | | 0.500 | 0.716 | | mg/L | | 98 | 75 - 125 | 5 | 20 |
| Cadmium | <0.00017 | | 0.0500 | 0.0491 | | mg/L | | 98 | 75 - 125 | 8 | 20 |
| Chromium | <0.0011 | ^ | 0.200 | 0.208 | ^ | mg/L | | 104 | 75 - 125 | 7 | 20 |
| Lead | 0.00079 | | 0.100 | 0.106 | | mg/L | | 106 | 75 - 125 | 6 | 20 |
| Selenium | 0.0015 | J | 0.100 | 0.101 | | mg/L | | 100 | 75 - 125 | 5 | 20 |
| Silver | <0.00012 | | 0.0500 | 0.0472 | | mg/L | | 94 | 75 - 125 | 5 | 20 |

Lab Sample ID: 500-191456-5 DU
Matrix: Water
Analysis Batch: 573771

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573374

| Analyte | Sample | Sample | DU | DU | Unit | D | RPD | Limit |
|----------|----------|-----------|----------|-----------|------|---|-----|-------|
| | Result | Qualifier | Result | Qualifier | | | | |
| Arsenic | 0.0011 | | 0.00111 | | mg/L | | 2 | 20 |
| Barium | 0.23 | | 0.233 | | mg/L | | 3 | 20 |
| Cadmium | <0.00017 | | <0.00017 | | mg/L | | NC | 20 |
| Chromium | <0.0011 | ^ | <0.0011 | ^ | mg/L | | NC | 20 |
| Lead | 0.00079 | | 0.000871 | | mg/L | | 10 | 20 |
| Selenium | 0.0015 | J | 0.00155 | J | mg/L | | 7 | 20 |
| Silver | <0.00012 | | <0.00012 | | mg/L | | NC | 20 |

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-573588/12-A
Matrix: Water
Analysis Batch: 573782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573588

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|-----------|-----------|---------|----------|------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Mercury | <0.000098 | | 0.00020 | 0.000098 | mg/L | | 11/23/20 09:30 | 11/24/20 07:11 | 1 |

Lab Sample ID: LCS 500-573588/13-A
Matrix: Water
Analysis Batch: 573782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573588

| Analyte | Spike | LCS | LCS | Unit | D | %Rec | %Rec. |
|---------|---------|---------|-----------|------|---|------|----------|
| | Added | Result | Qualifier | | | | Limits |
| Mercury | 0.00200 | 0.00215 | | mg/L | | 107 | 80 - 120 |

Lab Sample ID: 500-191456-5 MS
Matrix: Water
Analysis Batch: 573782

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573588

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. |
|---------|-----------|-----------|---------|----------|-----------|------|---|------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits |
| Mercury | <0.000098 | | 0.00100 | 0.000959 | | mg/L | | 96 | 75 - 125 |

Lab Sample ID: 500-191456-5 MSD
Matrix: Water
Analysis Batch: 573782

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573588

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | Limit |
|---------|-----------|-----------|---------|----------|-----------|------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | |
| Mercury | <0.000098 | | 0.00100 | 0.000967 | | mg/L | | 97 | 75 - 125 | 1 | 20 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: 500-191456-5 DU
Matrix: Water
Analysis Batch: 573782

Client Sample ID: TW-5
Prep Type: Dissolved
Prep Batch: 573588

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|------|---|-----|-------|
| Mercury | <0.000098 | | <0.000098 | | mg/L | | NC | 20 |

- 1
- 2
- 3
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- 10
- 11
- 12
- 13
- 14
- 15

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-9
Date Collected: 11/18/20 08:45
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-1
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 14:23 | PMF | TAL CHI |

Client Sample ID: DUP 1
Date Collected: 11/18/20 08:47
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-2
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 14:49 | PMF | TAL CHI |

Client Sample ID: TW-3
Date Collected: 11/18/20 11:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-3
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 15:16 | PMF | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 19:28 | FXG | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 574090 | 11/25/20 13:11 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:15 | MJG | TAL CHI |

Client Sample ID: DUP 2
Date Collected: 11/18/20 11:13
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-4
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 19:32 | FXG | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 574090 | 11/25/20 13:15 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:17 | MJG | TAL CHI |

Client Sample ID: TW-5
Date Collected: 11/18/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-5
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 15:43 | PMF | TAL CHI |
| Total/NA | Prep | 3510C | | | 573716 | 11/24/20 07:31 | CMC | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 573752 | 11/24/20 15:32 | AJD | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 19:35 | FXG | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-5
Date Collected: 11/18/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-5
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:19 | MJG | TAL CHI |

Client Sample ID: DUP 3
Date Collected: 11/18/20 13:12
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-6
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3510C | | | 573716 | 11/24/20 07:31 | CMC | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 573752 | 11/24/20 15:59 | AJD | TAL CHI |

Client Sample ID: TW-6
Date Collected: 11/18/20 13:35
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-7
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 16:09 | PMF | TAL CHI |
| Total/NA | Prep | 3510C | | | 573716 | 11/24/20 07:31 | CMC | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 573752 | 11/24/20 16:25 | AJD | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 19:59 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:28 | MJG | TAL CHI |

Client Sample ID: TW-7
Date Collected: 11/18/20 05:50
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-8
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | DL | 10 | 574378 | 11/29/20 18:55 | PMF | TAL CHI |
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 16:36 | PMF | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 20:03 | FXG | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 574090 | 11/25/20 13:18 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:40 | MJG | TAL CHI |

Client Sample ID: TW-8
Date Collected: 11/18/20 17:05
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-9
Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3510C | | | 573716 | 11/24/20 07:31 | CMC | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 573752 | 11/24/20 16:51 | AJD | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Client Sample ID: TW-8

Date Collected: 11/18/20 17:05

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-9

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 20:06 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:42 | MJG | TAL CHI |

Client Sample ID: TW-4

Date Collected: 11/18/20 17:25

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-10

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574432 | 11/30/20 13:19 | PMF | TAL CHI |
| Dissolved | Prep | 3005A | | | 573374 | 11/20/20 18:26 | BDE | TAL CHI |
| Dissolved | Analysis | 6020A | | 1 | 573771 | 11/23/20 20:10 | FXG | TAL CHI |
| Dissolved | Prep | 7470A | | | 573588 | 11/23/20 09:30 | MJG | TAL CHI |
| Dissolved | Analysis | 7470A | | 1 | 573782 | 11/24/20 07:44 | MJG | TAL CHI |

Client Sample ID: Trip-HCL

Date Collected: 11/18/20 00:00

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191456-11

Matrix: Water

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | 8260B | | 1 | 574166 | 11/27/20 13:56 | PMF | TAL CHI |

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191456-1

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Wisconsin | State | 999580010 | 08-31-21 |

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Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-634-6200 Fax 708-634-5211

Chain of Custody Record

eurofins

| | | | | | | | | | |
|---|--|-------------------------------------|--|---|---|---------------------------------|--|----------------------------------|--|
| Client Information | | Sampler: ENG | | Lab PM: Fredrick, Sandie | | Carrier Tracking No(s): | | COC No: 500-87145-39227 4 | |
| Client Contact: Erin Gross | | Phone: 608 628 6278 | | E-Mail: sandra.fredrick@eurofinset.com | | | | Page: Page 4 of 5 | |
| Company: Stantec Consulting Corp | | Due Date Requested: 11/30/20 | | TAT Requested (days): Standard (invoice by 11/30/20) | | Analysis Requested | | Job #: 500-191456 | |
| Address: 12075 Corporate Pkwy, Suite 200 | | City: Mequon | | State, Zip: WI, 53092 | | Phone: 608 628 6278 | | Preservation Codes: | |
| Email: erin.gross@stantec.com | | Project Name: WB Brewery | | Site: WB Brew | | Project #: 50006555 | | SSOW#: | |
| Matrix (W=water, A=acid, O=wastewater, BT=Tissue, An=Air) | | Sample Type (C=Comp, G=grab) | | Sample Date | | Sample Time | | Preservation Code: | |
| Field Filtered Sample (Yes or No) | | Perform MS/MSD (Yes or No) | | 8260B - VOC | | 6010C, 7471B, 8270D | | 8360B - VOC | |
| | | | | | | 6020A, 7470A | | 8270D - PAH | |
| Total Number of containers: | | | | | | | | | |
| Special Instructions/Note: | | | | | | | | | |
| TW-9 | | 11/18/2020 | | 8:45 | | G | | Water | |
| DUP 1 | | | | 8:47 | | G | | Water | |
| TW-3 | | | | 11:10 | | G | | Water | |
| TW-3 MSMSD | | | | 11:11 | | G | | Water | |
| DUP 2 | | | | 11:13 | | G | | Water | |
| TW-5 | | | | 13:10 | | G | | Water | |
| DUP 3 | | | | 13:12 | | G | | Water | |
| TW-5 MSMSD | | | | 13:14 | | G | | Water | |
| TW-6 | | | | 13:35 | | G | | Water | |
| TW-6 MSMSD | | | | 13:37 | | G | | Water | |
| TW-7 | | | | 15:50 | | G | | Water | |
| Possible Hazard Identification | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) | | | | |
| <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | | | | <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | | | Special Instructions/QC Requirements | | | | |
| Empty Kit Relinquished by: | | Date: | | Time: | | Method of Shipment: | | FedEx | |
| Relinquished by: Erin Gross | | Date/Time: 11/19/20, 13:45 | | Company: Stantec | | Received by: Shari Scott | | Date/Time: 11/24/20 0940 | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | |
| Custody Seals Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | Custody Seal No | | Cooler Temperature(s) °C and Other Remarks | | 0.8 → 20.9 | | | |

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field filter metals only

Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



| Client Information Client Contact: Erin Gross Company: Stantec Consulting Corp Address: 12075 Corporate Pkwy, Suite 200 City: Mequon State, Zip: WI, 53092 Phone: 608 628 6278 Email: erin.gross@stantec.com Project Name: WB Brewery Site: WB Brew | | Sampler: ENG Lab PM: Fredrick, Sandie Phone: 608 628 6278 E-Mail: sandra.fredrick@eurofinset.com | Camer Tracking Note(s): COC No: 500-87145-39227.5 Page: Page 5 of 5 Job #: 500-191456 | Analysis Requested Due Date Requested: 11/30/20 TAT Requested (days): Standard (invoice by) 11/30/20 PO #: 193707897 Add project number here: Project #: 50006555 SSO#: | Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|---|--|--|---|-----------------------------------|----------------------------|-------------|---------------------|-------------|----------------------------|-------------|----------------------------|----------|-------|---|-------|---|---|---|---|---|---|---|---|----------|-------|---|-------|---|---|---|---|---|---|--|---|-------------|-----|---|-------|---|---|---|---|---|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|
| Sample Identification <table border="1"> <thead> <tr> <th>Sample Date</th> <th>Sample Time</th> <th>Sample Type (C=comp, G=grab)</th> <th>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</th> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>8260B - VOC</th> <th>6010C, 7471B, 8270D</th> <th>8260B - VOC</th> <th>8050A, 7470A</th> <th>8270D - PAH</th> <th>Total Number of containers</th> </tr> </thead> <tbody> <tr> <td>11/18/20</td> <td>17:05</td> <td>G</td> <td>Water</td> <td>Y</td> <td>N</td> <td>N</td> <td>N</td> <td>A</td> <td>D</td> <td>N</td> <td>X</td> </tr> <tr> <td>11/18/20</td> <td>17:25</td> <td>G</td> <td>Water</td> <td>Y</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td>X</td> <td></td> <td>X</td> </tr> <tr> <td>11/16-19/20</td> <td>N/A</td> <td>C</td> <td>Water</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260B - VOC | 6010C, 7471B, 8270D | 8260B - VOC | 8050A, 7470A | 8270D - PAH | Total Number of containers | 11/18/20 | 17:05 | G | Water | Y | N | N | N | A | D | N | X | 11/18/20 | 17:25 | G | Water | Y | N | N | N | X | X | | X | 11/16-19/20 | N/A | C | Water | N | N | N | N | X | | | | | | | Water | | | | | | | | | | | | Water | | | | | | | | | | | | Water | | | | | | | | | Special Instructions/Note: field filter metals only MWP |
| Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260B - VOC | 6010C, 7471B, 8270D | 8260B - VOC | 8050A, 7470A | 8270D - PAH | Total Number of containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/18/20 | 17:05 | G | Water | Y | N | N | N | A | D | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/18/20 | 17:25 | G | Water | Y | N | N | N | X | X | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11/16-19/20 | N/A | C | Water | N | N | N | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify): | | Special Instructions/QC Requirements: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Empty Kit Relinquished by: Erin Gross Date: 11/19/20, 13:45 Company: Stantec | | Received by: Shiri Scott Date/Time: 11/20/20 0940 Company: ETHAOR | | Method of Shipment: FedEx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No: | | Cooler Temperature(s) °C and Other Remarks: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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ORIGIN ID:RRLA (262) 202-5955
REX KEY
STANTEC CONSULTING
12075 CORPORATE PARKWAY

SHIP DATE: 11NOV20
ACTWGT: 25.00 LB MAN
CAD: 525155/CAFE3406

MEQUON, WI 53092
UNITED STATES US

TO

TESTAMERICA CHICAGO
2417 BOND STREET



500-191456 Wayt

UNIVERSITY PARK IL 60484-3101

(708) 634-6200

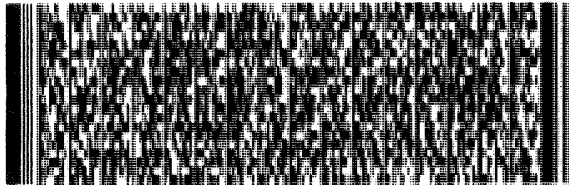
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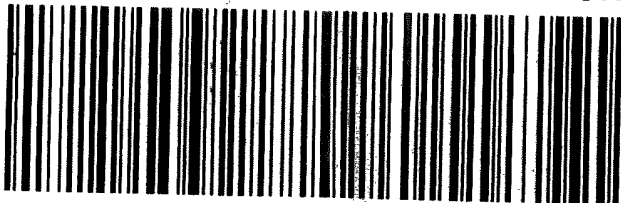
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FTD 730145 19NOV20 MKEA 56DC5/BAB9/05A2

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 500-191456-1

Login Number: 191456

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

| Question | Answer | Comment |
|--|--------|---------|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 0.9 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | False | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

ANALYTICAL REPORT

Eurofins TestAmerica, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-191460-1
Client Project/Site: WB Brew - 193707897
Revision: 1

For:
Stantec Consulting Corp.
12075 Corporate Pkwy, Suite 200
Mequon, Wisconsin 53092

Attn: Erin Gross



Authorized for release by:
12/23/2020 2:53:51 PM

Sandie Fredrick, Project Manager II
(920)261-1660
sandra.fredrick@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



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Case Narrative

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Job ID: 500-191460-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-191460-1

Comments

No additional comments.

Revision

The report being provided is a revision of the original report sent on 12/7/2020. The report (revision 1) is being revised due to: Updated VOC results.

Receipt

The samples were received on 11/20/2020 9:40 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7° C and 0.9° C.

Receipt Exceptions

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SB-16 2-4 (500-191460-25) and SB-23 2-4 (500-191460-26) Added to COC and logged in per bottles.

GC/MS VOA

Method 5035: sample vial has < 8 grams of soil in 10 ml of methanol. TW-4 0-2 (500-191460-14) and TW-6 2-4 (500-191460-17)

Method 8260B: The vendor of the field methanol bottles changed the VOA vial caps from a solid cap to a cap with an open septum due to COVID related supply chain issues. The alternate caps did not meet the quality standards required by Eurofins TestAmerica and may have allowed methanol to evaporate during extended storage times. A decrease in the methanol volume could cause a potential high bias; therefore, all samples with detections above the reporting limit have been dried and weighed to calculate the amount of sample and methanol contained in each bottle upon receipt at the laboratory. These adjusted sample volumes have been entered into the data system and the final results have been adjusted accordingly. Eurofins TestAmerica performed stability testing on these caps and vials and found that they were within control limits for evaporation for a period of at least three weeks. This indicates that there was likely no effect on the samples from the relatively short time between sample collection to analysis. The following samples are affected: TW-4 0-2 (500-191460-14), TW-6 2-4 (500-191460-17), TW-7 2-4 (500-191460-19) and SB-16 2-4 (500-191460-25)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA

Method 8270D: The following sample was diluted due to the nature of the sample matrix: VP-3 0-0.5 (500-191460-11). Elevated reporting limits (RLs) are provided.

Method 8270D: The following samples were diluted due to the nature of the sample matrix: SB-19 2-4 (500-191460-2), SB-19 2-4 (500-191460-2[MS]) and SB-19 2-4 (500-191460-2[MSD]). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

Method 6010C: The following sample was diluted due to the nature of the sample matrix: VP-3 0-0.5 (500-191460-11). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-17 2-4

Lab Sample ID: 500-191460-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[a]anthracene | 5.1 | J | 34 | 4.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluoranthene | 11 | J | 34 | 6.4 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Phenanthrene | 12 | J | 34 | 4.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Pyrene | 9.0 | J | 34 | 6.9 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Arsenic | 1.0 | | 0.99 | 0.34 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 14 | | 0.99 | 0.11 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Cadmium | 0.044 | J | 0.20 | 0.036 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 6.4 | | 0.99 | 0.49 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 2.8 | | 0.50 | 0.23 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.011 | J | 0.018 | 0.0059 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-19 2-4

Lab Sample ID: 500-191460-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 4.3 | | 1.1 | 0.37 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 76 | V F1 F2 | 1.1 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 19 | F1 | 1.1 | 0.53 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 11 | F1 | 0.54 | 0.25 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.057 | | 0.019 | 0.0064 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-14 0-2

Lab Sample ID: 500-191460-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene | 11 | J | 36 | 6.6 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Acenaphthylene | 5.2 | J | 36 | 4.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Anthracene | 31 | J | 36 | 6.1 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 140 | | 36 | 4.9 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 180 | | 36 | 7.1 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 230 | | 36 | 7.9 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 68 | | 36 | 12 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 120 | | 36 | 11 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Chrysene | 160 | | 36 | 10 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluoranthene | 260 | | 36 | 6.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluorene | 8.3 | J | 36 | 5.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 58 | | 36 | 9.5 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Phenanthrene | 130 | | 36 | 5.1 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Pyrene | 370 | | 36 | 7.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Arsenic | 2.2 | | 1.1 | 0.36 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 43 | | 1.1 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Cadmium | 0.26 | | 0.21 | 0.038 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 9.2 | | 1.1 | 0.52 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 54 | | 0.53 | 0.24 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.068 | | 0.019 | 0.0063 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-15 0-2

Lab Sample ID: 500-191460-4

No Detections.

Client Sample ID: SB-15 2-4

Lab Sample ID: 500-191460-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Benzo[a]anthracene | 6.5 | J | 39 | 5.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 7.9 | J | 39 | 7.6 | ug/Kg | 1 | ✳ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-15 2-4 (Continued)

Lab Sample ID: 500-191460-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|--------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Fluoranthene | 11 | J | 39 | 7.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Phenanthrene | 14 | J | 39 | 5.4 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Pyrene | 9.2 | J | 39 | 7.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Arsenic | 3.3 | | 1.2 | 0.40 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 59 | | 1.2 | 0.13 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 18 | | 1.2 | 0.58 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 11 | | 0.59 | 0.27 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.036 | | 0.019 | 0.0063 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-18 0-2

Lab Sample ID: 500-191460-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 71 | J | 73 | 8.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| 2-Methylnaphthalene | 84 | | 73 | 6.6 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Acenaphthene | 16 | J | 36 | 6.5 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Acenaphthylene | 10 | J | 36 | 4.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Anthracene | 32 | J | 36 | 6.0 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 140 | | 36 | 4.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 170 | | 36 | 7.0 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 240 | | 36 | 7.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 74 | | 36 | 12 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 91 | | 36 | 11 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Chrysene | 170 | | 36 | 9.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 20 | J | 36 | 7.0 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluoranthene | 290 | | 36 | 6.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluorene | 14 | J | 36 | 5.1 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 57 | | 36 | 9.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Naphthalene | 51 | | 36 | 5.5 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Phenanthrene | 200 | | 36 | 5.0 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Pyrene | 330 | | 36 | 7.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Arsenic | 3.7 | | 1.1 | 0.38 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 97 | | 1.1 | 0.13 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Cadmium | 0.55 | | 0.22 | 0.040 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 14 | | 1.1 | 0.54 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 79 | | 0.55 | 0.25 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.045 | | 0.017 | 0.0056 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-18 2-4

Lab Sample ID: 500-191460-7

No Detections.

Client Sample ID: SB-21 2-4

Lab Sample ID: 500-191460-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 21 | J | 81 | 9.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| 2-Methylnaphthalene | 21 | J | 81 | 7.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Acenaphthene | 48 | | 40 | 7.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Acenaphthylene | 13 | J | 40 | 5.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Anthracene | 100 | | 40 | 6.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 310 | | 40 | 5.4 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 340 | | 40 | 7.7 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 470 | | 40 | 8.6 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 120 | | 40 | 13 | ug/Kg | 1 | ✳ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-21 2-4 (Continued)

Lab Sample ID: 500-191460-8

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[k]fluoranthene | 150 | | 40 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 320 | | 40 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 38 | J | 40 | 7.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 820 | | 40 | 7.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 41 | | 40 | 5.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 130 | | 40 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Naphthalene | 22 | J | 40 | 6.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 500 | | 40 | 5.6 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 570 | | 40 | 7.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 3.0 | | 1.2 | 0.42 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Barium | 100 | | 1.2 | 0.14 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Cadmium | 0.048 | J | 0.24 | 0.044 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Chromium | 13 | | 1.2 | 0.60 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Lead | 18 | | 0.61 | 0.28 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Mercury | 0.070 | | 0.020 | 0.0065 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

Client Sample ID: SB-22 2.5-5

Lab Sample ID: 500-191460-9

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Acenaphthene | 25 | J | 37 | 6.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Anthracene | 49 | | 37 | 6.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]anthracene | 220 | | 37 | 5.0 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[a]pyrene | 210 | | 37 | 7.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 250 | | 37 | 8.1 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 95 | | 37 | 12 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 110 | | 37 | 11 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Chrysene | 230 | | 37 | 10 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 29 | J | 37 | 7.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluoranthene | 480 | | 37 | 6.9 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Fluorene | 24 | J | 37 | 5.3 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 89 | | 37 | 9.7 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Phenanthrene | 240 | | 37 | 5.2 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Pyrene | 340 | | 37 | 7.4 | ug/Kg | 1 | ☼ | 8270D | Total/NA |
| Arsenic | 3.6 | | 1.1 | 0.37 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Barium | 58 | | 1.1 | 0.12 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Chromium | 12 | | 1.1 | 0.54 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Lead | 11 | | 0.54 | 0.25 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Mercury | 0.029 | | 0.018 | 0.0061 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

Client Sample ID: SB-22 5-6.5

Lab Sample ID: 500-191460-10

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 0.97 | | 0.87 | 0.30 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Barium | 8.8 | | 0.87 | 0.099 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Chromium | 4.7 | | 0.87 | 0.43 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Lead | 2.1 | | 0.43 | 0.20 | mg/Kg | 1 | ☼ | 6010C | Total/NA |
| Mercury | 0.0069 | J | 0.016 | 0.0054 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

Client Sample ID: VP-3 0-0.5

Lab Sample ID: 500-191460-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|-----|-----|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 2500 | | 380 | 46 | ug/Kg | 5 | ☼ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: VP-3 0-0.5 (Continued)

Lab Sample ID: 500-191460-11

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene | 3100 | | 380 | 35 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Acenaphthene | 230 | | 190 | 34 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Acenaphthylene | 76 | J | 190 | 25 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Anthracene | 470 | | 190 | 31 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]anthracene | 1300 | | 190 | 25 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[a]pyrene | 2000 | | 190 | 36 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 3100 | | 190 | 41 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 790 | | 190 | 60 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 1000 | | 190 | 55 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Chrysene | 1800 | | 190 | 51 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 180 | J | 190 | 36 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Fluoranthene | 3000 | | 190 | 35 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Fluorene | 220 | | 190 | 26 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 710 | | 190 | 49 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Naphthalene | 2100 | | 190 | 29 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Phenanthrene | 3700 | | 190 | 26 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Pyrene | 3900 | | 190 | 37 | ug/Kg | 5 | ✳ | 8270D | Total/NA |
| Arsenic | 47 | | 4.9 | 1.7 | mg/Kg | 5 | ✳ | 6010C | Total/NA |
| Barium | 100 | | 4.9 | 0.56 | mg/Kg | 5 | ✳ | 6010C | Total/NA |
| Chromium | 10 | | 4.9 | 2.4 | mg/Kg | 5 | ✳ | 6010C | Total/NA |
| Lead | 49 | | 2.5 | 1.1 | mg/Kg | 5 | ✳ | 6010C | Total/NA |
| Mercury | 0.12 | | 0.017 | 0.0056 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-20 0-2

Lab Sample ID: 500-191460-12

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 0.50 | J | 1.1 | 0.36 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 19 | | 1.1 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Cadmium | 0.079 | J | 0.21 | 0.038 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 8.5 | | 1.1 | 0.53 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 5.0 | | 0.53 | 0.25 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.010 | J | 0.018 | 0.0061 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: TW-3 2-4

Lab Sample ID: 500-191460-13

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 6.4 | | 1.1 | 0.39 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 100 | | 1.1 | 0.13 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 19 | | 1.1 | 0.57 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 16 | | 0.57 | 0.26 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.037 | | 0.020 | 0.0067 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: TW-4 0-2

Lab Sample ID: 500-191460-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 71 | | 46 | 16 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 19 | J | 46 | 17 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Benzene | 22 | | 11 | 6.7 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Ethylbenzene | 20 | | 11 | 8.4 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Naphthalene | 120 | | 46 | 15 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Toluene | 86 | | 11 | 6.8 | ug/Kg | 50 | ✳ | 8260B | Total/NA |
| Xylenes, Total | 210 | | 23 | 10 | ug/Kg | 50 | ✳ | 8260B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-4 0-2 (Continued)

Lab Sample ID: 500-191460-14

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 300 | | 75 | 9.1 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| 2-Methylnaphthalene | 350 | | 75 | 6.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthene | 22 | J | 37 | 6.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthylene | 74 | | 37 | 4.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 89 | | 37 | 6.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 480 | | 37 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 800 | | 37 | 7.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 1300 | | 37 | 8.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 370 | | 37 | 12 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 390 | | 37 | 11 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Chrysene | 640 | | 37 | 10 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 84 | | 37 | 7.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluoranthene | 840 | | 37 | 6.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluorene | 30 | J | 37 | 5.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 300 | | 37 | 9.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Naphthalene | 230 | | 37 | 5.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Phenanthrene | 500 | | 37 | 5.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Pyrene | 1200 | | 37 | 7.4 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Arsenic | 5.5 | | 1.0 | 0.35 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Barium | 130 | | 1.0 | 0.12 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Cadmium | 0.47 | | 0.21 | 0.037 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Chromium | 23 | | 1.0 | 0.51 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Lead | 110 | | 0.52 | 0.24 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Selenium | 0.72 | J | 1.0 | 0.61 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Mercury | 0.45 | | 0.018 | 0.0060 | mg/Kg | 1 | ☒ | 7471B | Total/NA |

Client Sample ID: TW-5 2-3

Lab Sample ID: 500-191460-15

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Toluene | 11 | J | 15 | 8.6 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Xylenes, Total | 17 | J | 29 | 13 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

Client Sample ID: TW-5 3-4

Lab Sample ID: 500-191460-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 71 | J | 76 | 9.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| 2-Methylnaphthalene | 87 | | 76 | 7.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthene | 7.7 | J | 38 | 6.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthylene | 16 | J | 38 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 25 | J | 38 | 6.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 94 | | 38 | 5.1 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 160 | | 38 | 7.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 250 | | 38 | 8.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 120 | | 38 | 12 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 81 | | 38 | 11 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Chrysene | 120 | | 38 | 10 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 35 | J | 38 | 7.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluoranthene | 170 | | 38 | 7.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluorene | 7.9 | J | 38 | 5.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 90 | | 38 | 9.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Naphthalene | 58 | | 38 | 5.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Phenanthrene | 130 | | 38 | 5.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-5 3-4 (Continued)

Lab Sample ID: 500-191460-16

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Pyrene | 230 | | 38 | 7.5 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Arsenic | 5.9 | | 1.1 | 0.38 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Barium | 410 | | 1.1 | 0.13 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Cadmium | 1.4 | | 0.22 | 0.040 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Chromium | 20 | | 1.1 | 0.55 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Lead | 240 | | 0.56 | 0.26 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Mercury | 0.19 | | 0.018 | 0.0061 | mg/Kg | 1 | ☒ | 7471B | Total/NA |

Client Sample ID: TW-6 2-4

Lab Sample ID: 500-191460-17

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 1,2,4-Trimethylbenzene | 640 | | 89 | 32 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| 1,3,5-Trimethylbenzene | 150 | | 89 | 34 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Benzene | 130 | | 22 | 13 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Ethylbenzene | 210 | | 22 | 16 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Isopropylbenzene | 160 | | 89 | 34 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Naphthalene | 810 | | 89 | 30 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| n-Butylbenzene | 81 | J | 89 | 34 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| N-Propylbenzene | 170 | | 89 | 37 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| p-Isopropyltoluene | 52 | J | 89 | 32 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| sec-Butylbenzene | 62 | J | 89 | 35 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Tetrachloroethene | 240 | | 89 | 33 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Toluene | 870 | | 22 | 13 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Xylenes, Total | 1800 | | 44 | 20 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

Client Sample ID: TW-6 4.5-6

Lab Sample ID: 500-191460-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|------|-------|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 1200 | | 81 | 9.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| 2-Methylnaphthalene | 1400 | | 81 | 7.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthene | 47 | | 40 | 7.2 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthylene | 41 | | 40 | 5.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 140 | | 40 | 6.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 380 | | 40 | 5.4 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 460 | | 40 | 7.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 630 | | 40 | 8.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 600 | | 40 | 13 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 220 | | 40 | 12 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Chrysene | 470 | | 40 | 11 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 63 | | 40 | 7.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluoranthene | 540 | | 40 | 7.4 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluorene | 53 | | 40 | 5.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 170 | | 40 | 10 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Naphthalene | 910 | | 40 | 6.1 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Phenanthrene | 980 | | 40 | 5.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Pyrene | 820 | | 40 | 7.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Arsenic | 7.1 | | 1.2 | 0.42 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Barium | 240 | | 1.2 | 0.14 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Cadmium | 0.79 | | 0.24 | 0.044 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Chromium | 11 | | 1.2 | 0.60 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Lead | 56 | | 0.61 | 0.28 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Selenium | 1.1 | J | 1.2 | 0.72 | mg/Kg | 1 | ☒ | 6010C | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-6 4.5-6 (Continued)

Lab Sample ID: 500-191460-18

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Mercury | 0.11 | | 0.019 | 0.0064 | mg/Kg | 1 | ☒ | 7471B | Total/NA |

Client Sample ID: TW-7 2-4

Lab Sample ID: 500-191460-19

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| Naphthalene | 78 | | 59 | 20 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Toluene | 9.9 | J | 15 | 8.6 | ug/Kg | 50 | ☒ | 8260B | Total/NA |
| Xylenes, Total | 14 | J | 29 | 13 | ug/Kg | 50 | ☒ | 8260B | Total/NA |

Client Sample ID: TW-7 4-6

Lab Sample ID: 500-191460-20

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 6.2 | | 1.2 | 0.40 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Barium | 81 | | 1.2 | 0.13 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Chromium | 24 | | 1.2 | 0.58 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Lead | 11 | | 0.59 | 0.27 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Selenium | 0.80 | J | 1.2 | 0.69 | mg/Kg | 1 | ☒ | 6010C | Total/NA |
| Mercury | 0.025 | | 0.019 | 0.0063 | mg/Kg | 1 | ☒ | 7471B | Total/NA |

Client Sample ID: TW-8 4-6

Lab Sample ID: 500-191460-21

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 1-Methylnaphthalene | 540 | | 72 | 8.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| 2-Methylnaphthalene | 720 | | 72 | 6.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthene | 44 | | 36 | 6.4 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthylene | 64 | | 36 | 4.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 130 | | 36 | 6.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 540 | | 36 | 4.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 780 | | 36 | 6.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[b]fluoranthene | 1000 | | 36 | 7.7 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 390 | | 36 | 12 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 350 | | 36 | 11 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Chrysene | 600 | | 36 | 9.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 75 | | 36 | 6.9 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluoranthene | 910 | | 36 | 6.6 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Fluorene | 48 | | 36 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 240 | | 36 | 9.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Naphthalene | 530 | | 36 | 5.5 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Phenanthrene | 660 | | 36 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Pyrene | 1300 | | 36 | 7.1 | ug/Kg | 1 | ☒ | 8270D | Total/NA |

Client Sample ID: DUP 4

Lab Sample ID: 500-191460-22

No Detections.

Client Sample ID: DUP 5

Lab Sample ID: 500-191460-23

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---------------------|--------|-----------|----|-----|-------|---------|---|--------|-----------|
| 2-Methylnaphthalene | 7.0 | J | 76 | 7.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthene | 15 | J | 38 | 6.8 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Acenaphthylene | 5.9 | J | 38 | 5.0 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Anthracene | 38 | | 38 | 6.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]anthracene | 130 | | 38 | 5.1 | ug/Kg | 1 | ☒ | 8270D | Total/NA |
| Benzo[a]pyrene | 130 | | 38 | 7.3 | ug/Kg | 1 | ☒ | 8270D | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Detection Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: DUP 5 (Continued)

Lab Sample ID: 500-191460-23

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|------------------------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Benzo[b]fluoranthene | 170 | | 38 | 8.2 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[g,h,i]perylene | 57 | | 38 | 12 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Benzo[k]fluoranthene | 60 | | 38 | 11 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Chrysene | 130 | | 38 | 10 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Dibenz(a,h)anthracene | 16 | J | 38 | 7.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluoranthene | 280 | | 38 | 7.0 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Fluorene | 13 | J | 38 | 5.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Indeno[1,2,3-cd]pyrene | 54 | | 38 | 9.8 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Phenanthrene | 160 | | 38 | 5.3 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Pyrene | 210 | | 38 | 7.5 | ug/Kg | 1 | ✳ | 8270D | Total/NA |
| Arsenic | 4.2 | | 1.1 | 0.37 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 74 | | 1.1 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 19 | | 1.1 | 0.53 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 12 | | 0.54 | 0.25 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.049 | | 0.019 | 0.0063 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: Trip-MEOH

Lab Sample ID: 500-191460-24

No Detections.

Client Sample ID: SB-16 2-4

Lab Sample ID: 500-191460-25

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 1.1 | | 1.1 | 0.37 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 13 | | 1.1 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Cadmium | 0.049 | J | 0.22 | 0.039 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 5.5 | | 1.1 | 0.54 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 2.7 | | 0.54 | 0.25 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.013 | J | 0.018 | 0.0059 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

Client Sample ID: SB-23 2-4

Lab Sample ID: 500-191460-26

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|----------|--------|-----------|-------|--------|-------|---------|---|--------|-----------|
| Arsenic | 1.4 | | 1.0 | 0.35 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Barium | 10 | | 1.0 | 0.12 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Chromium | 7.2 | | 1.0 | 0.51 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Lead | 3.5 | | 0.51 | 0.24 | mg/Kg | 1 | ✳ | 6010C | Total/NA |
| Mercury | 0.0095 | J | 0.017 | 0.0058 | mg/Kg | 1 | ✳ | 7471B | Total/NA |

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Chicago

Method Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

| Method | Method Description | Protocol | Laboratory |
|----------|--|----------|------------|
| 8260B | Volatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 8270D | Semivolatile Organic Compounds (GC/MS) | SW846 | TAL CHI |
| 6010C | Metals (ICP) | SW846 | TAL CHI |
| 7471B | Mercury (CVAA) | SW846 | TAL CHI |
| Moisture | Percent Moisture | EPA | TAL CHI |
| 3050B | Preparation, Metals | SW846 | TAL CHI |
| 3541 | Automated Soxhlet Extraction | SW846 | TAL CHI |
| 5035 | Closed System Purge and Trap | SW846 | TAL CHI |
| 7471B | Preparation, Mercury | SW846 | TAL CHI |

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---------------|------------------|--------|----------------|----------------|----------|
| 500-191460-1 | SB-17 2-4 | Solid | 11/16/20 10:25 | 11/20/20 09:40 | |
| 500-191460-2 | SB-19 2-4 | Solid | 11/16/20 11:45 | 11/20/20 09:40 | |
| 500-191460-3 | SB-14 0-2 | Solid | 11/16/20 12:10 | 11/20/20 09:40 | |
| 500-191460-4 | SB-15 0-2 | Solid | 11/16/20 12:35 | 11/20/20 09:40 | |
| 500-191460-5 | SB-15 2-4 | Solid | 11/16/20 12:25 | 11/20/20 09:40 | |
| 500-191460-6 | SB-18 0-2 | Solid | 11/16/20 13:10 | 11/20/20 09:40 | |
| 500-191460-7 | SB-18 2-4 | Solid | 11/16/20 13:10 | 11/20/20 09:40 | |
| 500-191460-8 | SB-21 2-4 | Solid | 11/16/20 13:20 | 11/20/20 09:40 | |
| 500-191460-9 | SB-22 2.5-5 | Solid | 11/16/20 13:30 | 11/20/20 09:40 | |
| 500-191460-10 | SB-22 5-6.5 | Solid | 11/16/20 13:35 | 11/20/20 09:40 | |
| 500-191460-11 | VP-3 0-0.5 | Solid | 11/16/20 14:55 | 11/20/20 09:40 | |
| 500-191460-12 | SB-20 0-2 | Solid | 11/16/20 15:25 | 11/20/20 09:40 | |
| 500-191460-13 | TW-3 2-4 | Solid | 11/17/20 13:20 | 11/20/20 09:40 | |
| 500-191460-14 | TW-4 0-2 | Solid | 11/17/20 15:45 | 11/20/20 09:40 | |
| 500-191460-15 | TW-5 2-3 | Solid | 11/18/20 09:20 | 11/20/20 09:40 | |
| 500-191460-16 | TW-5 3-4 | Solid | 11/18/20 09:25 | 11/20/20 09:40 | |
| 500-191460-17 | TW-6 2-4 | Solid | 11/18/20 11:30 | 11/20/20 09:40 | |
| 500-191460-18 | TW-6 4.5-6 | Solid | 11/18/20 11:32 | 11/20/20 09:40 | |
| 500-191460-19 | TW-7 2-4 | Solid | 11/18/20 13:55 | 11/20/20 09:40 | |
| 500-191460-20 | TW-7 4-6 | Solid | 11/18/20 14:00 | 11/20/20 09:40 | |
| 500-191460-21 | TW-8 4-6 | Solid | 11/18/20 14:35 | 11/20/20 09:40 | |
| 500-191460-22 | DUP 4 | Solid | 11/18/20 13:57 | 11/20/20 09:40 | |
| 500-191460-23 | DUP 5 | Solid | 11/16/20 13:22 | 11/20/20 09:40 | |
| 500-191460-24 | Trip-MEOH | Solid | 11/16/20 00:00 | 11/20/20 09:40 | |
| 500-191460-25 | SB-16 2-4 | Solid | 11/16/20 16:25 | 11/20/20 09:40 | |
| 500-191460-26 | SB-23 2-4 | Solid | 11/16/20 13:50 | 11/20/20 09:40 | |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-17 2-4

Lab Sample ID: 500-191460-1

Date Collected: 11/16/20 10:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 92.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <26 | | 55 | 26 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1,1-Trichloroethane | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1,2,2-Tetrachloroethane | <22 | | 55 | 22 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1,2-Trichloroethane | <19 | | 55 | 19 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1-Dichloroethane | <23 | | 55 | 23 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1-Dichloroethene | <22 | | 55 | 22 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,1-Dichloropropene | <16 | | 55 | 16 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2,3-Trichlorobenzene | <25 | | 55 | 25 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2,3-Trichloropropane | <23 | | 110 | 23 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2,4-Trichlorobenzene | <19 | | 55 | 19 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2,4-Trimethylbenzene | <20 | | 55 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2-Dibromo-3-Chloropropane | <110 | | 280 | 110 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2-Dibromoethane | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2-Dichlorobenzene | <18 | | 55 | 18 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2-Dichloroethane | <22 | | 55 | 22 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,2-Dichloropropane | <24 | | 55 | 24 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,3,5-Trimethylbenzene | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,3-Dichlorobenzene | <22 | | 55 | 22 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,3-Dichloropropane | <20 | | 55 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 1,4-Dichlorobenzene | <20 | | 55 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 2,2-Dichloropropane | <25 | | 55 | 25 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 2-Chlorotoluene | <17 | | 55 | 17 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 4-Chlorotoluene | <19 | | 55 | 19 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Benzene | <8.1 | | 14 | 8.1 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Bromobenzene | <20 | | 55 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Bromochloromethane | <24 | | 55 | 24 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Bromodichloromethane | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Bromoform | <27 | | 55 | 27 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Bromomethane | <44 | | 170 | 44 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Carbon tetrachloride | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Chlorobenzene | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Chloroethane | <28 | | 55 | 28 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Chloroform | <20 | | 110 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Chloromethane | <18 | | 55 | 18 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| cis-1,2-Dichloroethene | <23 | | 55 | 23 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| cis-1,3-Dichloropropene | <23 | | 55 | 23 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Dibromochloromethane | <27 | | 55 | 27 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Dibromomethane | <15 | | 55 | 15 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Dichlorodifluoromethane | <37 | | 170 | 37 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Ethylbenzene | <10 | | 14 | 10 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Hexachlorobutadiene | <25 | | 55 | 25 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Isopropyl ether | <15 | | 55 | 15 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Isopropylbenzene | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Methyl tert-butyl ether | <22 | | 55 | 22 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Methylene Chloride | <90 | | 280 | 90 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Naphthalene | <18 | | 55 | 18 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| n-Butylbenzene | <21 | | 55 | 21 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| N-Propylbenzene | <23 | | 55 | 23 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| p-Isopropyltoluene | <20 | | 55 | 20 | ug/Kg | ✳ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-17 2-4

Lab Sample ID: 500-191460-1

Date Collected: 11/16/20 10:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 92.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <22 | | 55 | 22 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Styrene | <21 | | 55 | 21 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| tert-Butylbenzene | <22 | | 55 | 22 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Tetrachloroethene | <20 | | 55 | 20 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Toluene | <8.1 | | 14 | 8.1 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| trans-1,2-Dichloroethene | <19 | | 55 | 19 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| trans-1,3-Dichloropropene | <20 | | 55 | 20 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Trichloroethene | <9.1 | | 28 | 9.1 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Trichlorofluoromethane | <24 | | 55 | 24 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Vinyl chloride | <14 | | 55 | 14 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Xylenes, Total | <12 | | 28 | 12 | ug/Kg | ☼ | 11/16/20 10:25 | 11/28/20 01:31 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| 4-Bromofluorobenzene (Surr) | 94 | | 72 - 124 | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/16/20 10:25 | 11/28/20 01:31 | 50 |
| Toluene-d8 (Surr) | 96 | | 75 - 120 | 11/16/20 10:25 | 11/28/20 01:31 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.5 | | 70 | 8.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| 2-Methylnaphthalene | <6.4 | | 70 | 6.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Acenaphthene | <6.2 | | 34 | 6.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Acenaphthylene | <4.6 | | 34 | 4.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Anthracene | <5.8 | | 34 | 5.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Benzo[a]anthracene | 5.1 | J | 34 | 4.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Benzo[a]pyrene | <6.7 | | 34 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Benzo[b]fluoranthene | <7.5 | | 34 | 7.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Benzo[g,h,i]perylene | <11 | | 34 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Benzo[k]fluoranthene | <10 | | 34 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Chrysene | <9.4 | | 34 | 9.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Dibenz(a,h)anthracene | <6.7 | | 34 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Fluoranthene | 11 | J | 34 | 6.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Fluorene | <4.9 | | 34 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Indeno[1,2,3-cd]pyrene | <9.0 | | 34 | 9.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Naphthalene | <5.3 | | 34 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Phenanthrene | 12 | J | 34 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Pyrene | 9.0 | J | 34 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:39 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 90 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Nitrobenzene-d5 (Surr) | 76 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 16:39 | 1 |
| Terphenyl-d14 (Surr) | 87 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 16:39 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 1.0 | | 0.99 | 0.34 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |
| Barium | 14 | | 0.99 | 0.11 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |
| Cadmium | 0.044 | J | 0.20 | 0.036 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |
| Chromium | 6.4 | | 0.99 | 0.49 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-17 2-4
Date Collected: 11/16/20 10:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-1
Matrix: Solid
Percent Solids: 92.6

Method: 6010C - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 2.8 | | 0.50 | 0.23 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |
| Selenium | <0.58 | | 0.99 | 0.58 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |
| Silver | <0.13 | | 0.50 | 0.13 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:33 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.011 | J | 0.018 | 0.0059 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:00 | 1 |



Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-19 2-4

Lab Sample ID: 500-191460-2

Date Collected: 11/16/20 11:45

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 81.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <34 | | 73 | 34 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1,1-Trichloroethane | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1,2,2-Tetrachloroethane | <29 | | 73 | 29 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1,2-Trichloroethane | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1-Dichloroethane | <30 | | 73 | 30 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1-Dichloroethene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,1-Dichloropropene | <22 | | 73 | 22 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2,3-Trichlorobenzene | <33 | | 73 | 33 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2,3-Trichloropropane | <30 | | 150 | 30 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2,4-Trichlorobenzene | <25 | | 73 | 25 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2,4-Trimethylbenzene | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 360 | 140 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2-Dibromoethane | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2-Dichlorobenzene | <24 | | 73 | 24 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2-Dichloroethane | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,2-Dichloropropane | <31 | | 73 | 31 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,3,5-Trimethylbenzene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,3-Dichlorobenzene | <29 | | 73 | 29 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,3-Dichloropropane | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 1,4-Dichlorobenzene | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 2,2-Dichloropropane | <32 | | 73 | 32 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 2-Chlorotoluene | <23 | | 73 | 23 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 4-Chlorotoluene | <25 | | 73 | 25 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Benzene | <11 | | 18 | 11 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Bromobenzene | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Bromochloromethane | <31 | | 73 | 31 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Bromodichloromethane | <27 | | 73 | 27 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Bromoform | <35 | | 73 | 35 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Bromomethane | <58 | | 220 | 58 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Carbon tetrachloride | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Chlorobenzene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Chloroethane | <37 | | 73 | 37 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Chloroform | <27 | | 150 | 27 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Chloromethane | <23 | | 73 | 23 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| cis-1,2-Dichloroethene | <30 | | 73 | 30 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| cis-1,3-Dichloropropene | <30 | | 73 | 30 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Dibromochloromethane | <35 | | 73 | 35 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Dibromomethane | <20 | | 73 | 20 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Dichlorodifluoromethane | <49 | | 220 | 49 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Ethylbenzene | <13 | | 18 | 13 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Hexachlorobutadiene | <32 | | 73 | 32 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Isopropyl ether | <20 | | 73 | 20 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Isopropylbenzene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Methyl tert-butyl ether | <29 | | 73 | 29 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Methylene Chloride | <120 | | 360 | 120 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Naphthalene | <24 | | 73 | 24 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| n-Butylbenzene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| N-Propylbenzene | <30 | | 73 | 30 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| p-Isopropyltoluene | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-19 2-4

Lab Sample ID: 500-191460-2

Date Collected: 11/16/20 11:45

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 81.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <29 | | 73 | 29 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Styrene | <28 | | 73 | 28 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| tert-Butylbenzene | <29 | | 73 | 29 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Tetrachloroethene | <27 | | 73 | 27 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Toluene | <11 | | 18 | 11 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| trans-1,2-Dichloroethene | <25 | | 73 | 25 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| trans-1,3-Dichloropropene | <26 | | 73 | 26 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Trichloroethene | <12 | | 36 | 12 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Trichlorofluoromethane | <31 | | 73 | 31 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Vinyl chloride | <19 | | 73 | 19 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Xylenes, Total | <16 | | 36 | 16 | ug/Kg | ☼ | 11/16/20 11:45 | 11/28/20 01:56 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Dibromofluoromethane (Surr) | 91 | | 75 - 120 | 11/16/20 11:45 | 11/28/20 01:56 | 50 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | 11/16/20 11:45 | 11/28/20 01:56 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <49 | | 410 | 49 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| 2-Methylnaphthalene | <37 | | 410 | 37 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Acenaphthene | <36 | | 200 | 36 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Acenaphthylene | <27 | | 200 | 27 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Anthracene | <34 | | 200 | 34 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Benzo[a]anthracene | <27 | | 200 | 27 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Benzo[a]pyrene | <39 | | 200 | 39 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Benzo[b]fluoranthene | <44 | | 200 | 44 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Benzo[g,h,i]perylene | <65 | F1 | 200 | 65 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Benzo[k]fluoranthene | <60 | | 200 | 60 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Chrysene | <55 | | 200 | 55 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Dibenz(a,h)anthracene | <39 | | 200 | 39 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Fluoranthene | <37 | | 200 | 37 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Fluorene | <28 | | 200 | 28 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Indeno[1,2,3-cd]pyrene | <52 | F1 | 200 | 52 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Naphthalene | <31 | | 200 | 31 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Phenanthrene | <28 | | 200 | 28 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Pyrene | <40 | | 200 | 40 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 02:16 | 5 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 90 | | 43 - 145 | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Nitrobenzene-d5 (Surr) | 61 | | 37 - 147 | 11/24/20 16:02 | 11/26/20 02:16 | 5 |
| Terphenyl-d14 (Surr) | 94 | | 42 - 157 | 11/24/20 16:02 | 11/26/20 02:16 | 5 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|----------------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 4.3 | | 1.1 | 0.37 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |
| Barium | 76 | V F1 F2 | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |
| Cadmium | <0.039 | F1 F2 | 0.22 | 0.039 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |
| Chromium | 19 | F1 | 1.1 | 0.53 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |

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Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-19 2-4
Date Collected: 11/16/20 11:45
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-2
Matrix: Solid
Percent Solids: 81.4

Method: 6010C - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------|-----------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 11 | F1 | 0.54 | 0.25 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |
| Selenium | <0.63 | F1 F2 | 1.1 | 0.63 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |
| Silver | <0.14 | F1 F2 | 0.54 | 0.14 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 19:37 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.057 | | 0.019 | 0.0064 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:03 | 1 |



Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-14 0-2

Lab Sample ID: 500-191460-3

Date Collected: 11/16/20 12:10

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.0 | | 74 | 9.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| 2-Methylnaphthalene | <6.7 | | 74 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Acenaphthene | 11 | J | 36 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Acenaphthylene | 5.2 | J | 36 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Anthracene | 31 | J | 36 | 6.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Benzo[a]anthracene | 140 | | 36 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Benzo[a]pyrene | 180 | | 36 | 7.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Benzo[b]fluoranthene | 230 | | 36 | 7.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Benzo[g,h,i]perylene | 68 | | 36 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Benzo[k]fluoranthene | 120 | | 36 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Chrysene | 160 | | 36 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Dibenz(a,h)anthracene | <7.1 | | 36 | 7.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Fluoranthene | 260 | | 36 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Fluorene | 8.3 | J | 36 | 5.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Indeno[1,2,3-cd]pyrene | 58 | | 36 | 9.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Naphthalene | <5.6 | | 36 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Phenanthrene | 130 | | 36 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Pyrene | 370 | | 36 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 06:04 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 77 | | 43 - 145 | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Nitrobenzene-d5 (Surr) | 59 | | 37 - 147 | 11/24/20 16:02 | 11/28/20 06:04 | 1 |
| Terphenyl-d14 (Surr) | 133 | | 42 - 157 | 11/24/20 16:02 | 11/28/20 06:04 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 2.2 | | 1.1 | 0.36 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Barium | 43 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Cadmium | 0.26 | | 0.21 | 0.038 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Chromium | 9.2 | | 1.1 | 0.52 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Lead | 54 | | 0.53 | 0.24 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Selenium | <0.62 | | 1.1 | 0.62 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |
| Silver | <0.14 | | 0.53 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:53 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.068 | | 0.019 | 0.0063 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:11 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-15 0-2

Lab Sample ID: 500-191460-4

Date Collected: 11/16/20 12:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <32 | | 70 | 32 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1,1-Trichloroethane | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1,2,2-Tetrachloroethane | <28 | | 70 | 28 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1,2-Trichloroethane | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1-Dichloroethane | <29 | | 70 | 29 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1-Dichloroethene | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,1-Dichloropropene | <21 | | 70 | 21 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2,3-Trichlorobenzene | <32 | | 70 | 32 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2,3-Trichloropropane | <29 | | 140 | 29 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2,4-Trichlorobenzene | <24 | | 70 | 24 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2,4-Trimethylbenzene | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2-Dibromo-3-Chloropropane | <140 | | 350 | 140 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2-Dibromoethane | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2-Dichlorobenzene | <23 | | 70 | 23 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2-Dichloroethane | <28 | | 70 | 28 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,2-Dichloropropane | <30 | | 70 | 30 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,3,5-Trimethylbenzene | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,3-Dichlorobenzene | <28 | | 70 | 28 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,3-Dichloropropane | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 1,4-Dichlorobenzene | <26 | | 70 | 26 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 2,2-Dichloropropane | <31 | | 70 | 31 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 2-Chlorotoluene | <22 | | 70 | 22 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 4-Chlorotoluene | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Benzene | <10 | | 18 | 10 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Bromobenzene | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Bromochloromethane | <30 | | 70 | 30 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Bromodichloromethane | <26 | | 70 | 26 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Bromoform | <34 | | 70 | 34 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Bromomethane | <56 | | 210 | 56 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Carbon tetrachloride | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Chlorobenzene | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Chloroethane | <35 | | 70 | 35 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Chloroform | <26 | | 140 | 26 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Chloromethane | <23 | | 70 | 23 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| cis-1,2-Dichloroethene | <29 | | 70 | 29 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| cis-1,3-Dichloropropene | <29 | | 70 | 29 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Dibromochloromethane | <34 | | 70 | 34 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Dibromomethane | <19 | | 70 | 19 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Dichlorodifluoromethane | <47 | | 210 | 47 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Ethylbenzene | <13 | | 18 | 13 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Hexachlorobutadiene | <31 | | 70 | 31 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Isopropyl ether | <19 | | 70 | 19 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Isopropylbenzene | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Methyl tert-butyl ether | <28 | | 70 | 28 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Methylene Chloride | <110 | | 350 | 110 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Naphthalene | <23 | | 70 | 23 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| n-Butylbenzene | <27 | | 70 | 27 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| N-Propylbenzene | <29 | | 70 | 29 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| p-Isopropyltoluene | <25 | | 70 | 25 | ug/Kg | ✱ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-15 0-2

Lab Sample ID: 500-191460-4

Date Collected: 11/16/20 12:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Styrene | <27 | | 70 | 27 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| tert-Butylbenzene | <28 | | 70 | 28 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Tetrachloroethene | <26 | | 70 | 26 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Toluene | <10 | | 18 | 10 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| trans-1,2-Dichloroethene | <25 | | 70 | 25 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| trans-1,3-Dichloropropene | <25 | | 70 | 25 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Trichloroethene | <12 | | 35 | 12 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Trichlorofluoromethane | <30 | | 70 | 30 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Vinyl chloride | <18 | | 70 | 18 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Xylenes, Total | <15 | | 35 | 15 | ug/Kg | ☼ | 11/16/20 12:35 | 11/28/20 02:20 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| 4-Bromofluorobenzene (Surr) | 97 | | 72 - 124 | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/16/20 12:35 | 11/28/20 02:20 | 50 |
| Toluene-d8 (Surr) | 96 | | 75 - 120 | 11/16/20 12:35 | 11/28/20 02:20 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-15 2-4

Lab Sample ID: 500-191460-5

Date Collected: 11/16/20 12:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 83.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.5 | | 79 | 9.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| 2-Methylnaphthalene | <7.2 | | 79 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Acenaphthene | <7.0 | | 39 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Acenaphthylene | <5.1 | | 39 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Anthracene | <6.5 | | 39 | 6.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Benzo[a]anthracene | 6.5 | J | 39 | 5.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Benzo[a]pyrene | 7.9 | J | 39 | 7.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Benzo[b]fluoranthene | <8.4 | | 39 | 8.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Benzo[g,h,i]perylene | <13 | | 39 | 13 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Benzo[k]fluoranthene | <11 | | 39 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Chrysene | <11 | | 39 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Dibenz(a,h)anthracene | <7.5 | | 39 | 7.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Fluoranthene | 11 | J | 39 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Fluorene | <5.5 | | 39 | 5.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Indeno[1,2,3-cd]pyrene | <10 | | 39 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Naphthalene | <6.0 | | 39 | 6.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Phenanthrene | 14 | J | 39 | 5.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Pyrene | 9.2 | J | 39 | 7.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 17:32 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 77 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Nitrobenzene-d5 (Surr) | 71 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 17:32 | 1 |
| Terphenyl-d14 (Surr) | 75 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 17:32 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.3 | | 1.2 | 0.40 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Barium | 59 | | 1.2 | 0.13 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Cadmium | <0.042 | | 0.24 | 0.042 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Chromium | 18 | | 1.2 | 0.58 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Lead | 11 | | 0.59 | 0.27 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Selenium | <0.69 | | 1.2 | 0.69 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |
| Silver | <0.15 | | 0.59 | 0.15 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 19:56 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.036 | | 0.019 | 0.0063 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:23 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-18 0-2

Lab Sample ID: 500-191460-6

Date Collected: 11/16/20 13:10

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 71 | J | 73 | 8.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| 2-Methylnaphthalene | 84 | | 73 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Acenaphthene | 16 | J | 36 | 6.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Acenaphthylene | 10 | J | 36 | 4.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Anthracene | 32 | J | 36 | 6.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Benzo[a]anthracene | 140 | | 36 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Benzo[a]pyrene | 170 | | 36 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Benzo[b]fluoranthene | 240 | | 36 | 7.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Benzo[g,h,i]perylene | 74 | | 36 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Benzo[k]fluoranthene | 91 | | 36 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Chrysene | 170 | | 36 | 9.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Dibenz(a,h)anthracene | 20 | J | 36 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Fluoranthene | 290 | | 36 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Fluorene | 14 | J | 36 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Indeno[1,2,3-cd]pyrene | 57 | | 36 | 9.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Naphthalene | 51 | | 36 | 5.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Phenanthrene | 200 | | 36 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Pyrene | 330 | | 36 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/26/20 04:12 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 87 | | 43 - 145 | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Nitrobenzene-d5 (Surr) | 61 | | 37 - 147 | 11/24/20 16:02 | 11/26/20 04:12 | 1 |
| Terphenyl-d14 (Surr) | 127 | | 42 - 157 | 11/24/20 16:02 | 11/26/20 04:12 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.7 | | 1.1 | 0.38 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Barium | 97 | | 1.1 | 0.13 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Cadmium | 0.55 | | 0.22 | 0.040 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Chromium | 14 | | 1.1 | 0.54 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Lead | 79 | | 0.55 | 0.25 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Selenium | <0.65 | | 1.1 | 0.65 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |
| Silver | <0.14 | | 0.55 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:06 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.045 | | 0.017 | 0.0056 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:25 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-18 2-4

Lab Sample ID: 500-191460-7

Date Collected: 11/16/20 13:10

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 91.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <28 | | 62 | 28 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1,1-Trichloroethane | <23 | | 62 | 23 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1,2,2-Tetrachloroethane | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1,2-Trichloroethane | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1-Dichloroethane | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1-Dichloroethene | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,1-Dichloropropene | <18 | | 62 | 18 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2,3-Trichlorobenzene | <28 | | 62 | 28 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2,3-Trichloropropane | <26 | | 120 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2,4-Trichlorobenzene | <21 | | 62 | 21 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2,4-Trimethylbenzene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 310 | 120 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2-Dibromoethane | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2-Dichlorobenzene | <21 | | 62 | 21 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2-Dichloroethane | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,2-Dichloropropane | <26 | | 62 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,3,5-Trimethylbenzene | <23 | | 62 | 23 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,3-Dichlorobenzene | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,3-Dichloropropane | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 1,4-Dichlorobenzene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 2,2-Dichloropropane | <27 | | 62 | 27 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 2-Chlorotoluene | <19 | | 62 | 19 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 4-Chlorotoluene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Benzene | <9.0 | | 15 | 9.0 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Bromobenzene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Bromochloromethane | <26 | | 62 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Bromodichloromethane | <23 | | 62 | 23 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Bromoform | <30 | | 62 | 30 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Bromomethane | <49 | | 180 | 49 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Carbon tetrachloride | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Chlorobenzene | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Chloroethane | <31 | | 62 | 31 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Chloroform | <23 | | 120 | 23 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Chloromethane | <20 | | 62 | 20 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| cis-1,2-Dichloroethene | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| cis-1,3-Dichloropropene | <26 | | 62 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Dibromochloromethane | <30 | | 62 | 30 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Dibromomethane | <17 | | 62 | 17 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Dichlorodifluoromethane | <42 | | 180 | 42 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Ethylbenzene | <11 | | 15 | 11 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Hexachlorobutadiene | <27 | | 62 | 27 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Isopropyl ether | <17 | | 62 | 17 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Isopropylbenzene | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Methyl tert-butyl ether | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Methylene Chloride | <100 | | 310 | 100 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Naphthalene | <21 | | 62 | 21 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| n-Butylbenzene | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| N-Propylbenzene | <26 | | 62 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| p-Isopropyltoluene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-18 2-4

Lab Sample ID: 500-191460-7

Date Collected: 11/16/20 13:10

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 91.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Styrene | <24 | | 62 | 24 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| tert-Butylbenzene | <25 | | 62 | 25 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Tetrachloroethene | <23 | | 62 | 23 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Toluene | <9.1 | | 15 | 9.1 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| trans-1,2-Dichloroethene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| trans-1,3-Dichloropropene | <22 | | 62 | 22 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Trichloroethene | <10 | | 31 | 10 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Trichlorofluoromethane | <26 | | 62 | 26 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Vinyl chloride | <16 | | 62 | 16 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Xylenes, Total | <14 | | 31 | 14 | ug/Kg | ☼ | 11/16/20 13:10 | 11/28/20 02:45 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/16/20 13:10 | 11/28/20 02:45 | 50 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | 11/16/20 13:10 | 11/28/20 02:45 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-21 2-4

Lab Sample ID: 500-191460-8

Date Collected: 11/16/20 13:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 80.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 21 | J | 81 | 9.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| 2-Methylnaphthalene | 21 | J | 81 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Acenaphthene | 48 | | 40 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Acenaphthylene | 13 | J | 40 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Anthracene | 100 | | 40 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Benzo[a]anthracene | 310 | | 40 | 5.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Benzo[a]pyrene | 340 | | 40 | 7.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Benzo[b]fluoranthene | 470 | | 40 | 8.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Benzo[g,h,i]perylene | 120 | | 40 | 13 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Benzo[k]fluoranthene | 150 | | 40 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Chrysene | 320 | | 40 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Dibenz(a,h)anthracene | 38 | J | 40 | 7.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Fluoranthene | 820 | | 40 | 7.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Fluorene | 41 | | 40 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Indeno[1,2,3-cd]pyrene | 130 | | 40 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Naphthalene | 22 | J | 40 | 6.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Phenanthrene | 500 | | 40 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Pyrene | 570 | | 40 | 7.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 16:28 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 91 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Nitrobenzene-d5 (Surr) | 65 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 16:28 | 1 |
| Terphenyl-d14 (Surr) | 89 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 16:28 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.0 | | 1.2 | 0.42 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Barium | 100 | | 1.2 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Cadmium | 0.048 | J | 0.24 | 0.044 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Chromium | 13 | | 1.2 | 0.60 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Lead | 18 | | 0.61 | 0.28 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Selenium | <0.72 | | 1.2 | 0.72 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |
| Silver | <0.16 | | 0.61 | 0.16 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:09 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.070 | | 0.020 | 0.0065 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:27 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-22 2.5-5

Lab Sample ID: 500-191460-9

Date Collected: 11/16/20 13:30

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 87.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.1 | | 76 | 9.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| 2-Methylnaphthalene | <6.9 | | 76 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Acenaphthene | 25 | J | 37 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Acenaphthylene | <4.9 | | 37 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Anthracene | 49 | | 37 | 6.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Benzo[a]anthracene | 220 | | 37 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Benzo[a]pyrene | 210 | | 37 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Benzo[b]fluoranthene | 250 | | 37 | 8.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Benzo[g,h,i]perylene | 95 | | 37 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Benzo[k]fluoranthene | 110 | | 37 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Chrysene | 230 | | 37 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Dibenz(a,h)anthracene | 29 | J | 37 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Fluoranthene | 480 | | 37 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Fluorene | 24 | J | 37 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Indeno[1,2,3-cd]pyrene | 89 | | 37 | 9.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Naphthalene | <5.8 | | 37 | 5.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Phenanthrene | 240 | | 37 | 5.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Pyrene | 340 | | 37 | 7.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:30 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 88 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Nitrobenzene-d5 (Surr) | 63 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 15:30 | 1 |
| Terphenyl-d14 (Surr) | 92 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 15:30 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 3.6 | | 1.1 | 0.37 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Barium | 58 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Cadmium | <0.039 | | 0.22 | 0.039 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Chromium | 12 | | 1.1 | 0.54 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Lead | 11 | | 0.54 | 0.25 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Selenium | <0.64 | | 1.1 | 0.64 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |
| Silver | <0.14 | | 0.54 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:12 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.029 | | 0.018 | 0.0061 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:29 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-22 5-6.5

Lab Sample ID: 500-191460-10

Date Collected: 11/16/20 13:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 96.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.1 | | 67 | 8.1 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| 2-Methylnaphthalene | <6.1 | | 67 | 6.1 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Acenaphthene | <6.0 | | 33 | 6.0 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Acenaphthylene | <4.4 | | 33 | 4.4 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Anthracene | <5.5 | | 33 | 5.5 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Benzo[a]anthracene | <4.5 | | 33 | 4.5 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Benzo[a]pyrene | <6.4 | | 33 | 6.4 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Benzo[b]fluoranthene | <7.2 | | 33 | 7.2 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Benzo[g,h,i]perylene | <11 | | 33 | 11 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Benzo[k]fluoranthene | <9.8 | | 33 | 9.8 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Chrysene | <9.1 | | 33 | 9.1 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Dibenz(a,h)anthracene | <6.4 | | 33 | 6.4 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Fluoranthene | <6.2 | | 33 | 6.2 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Fluorene | <4.7 | | 33 | 4.7 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Indeno[1,2,3-cd]pyrene | <8.6 | | 33 | 8.6 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Naphthalene | <5.1 | | 33 | 5.1 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Phenanthrene | <4.6 | | 33 | 4.6 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Pyrene | <6.6 | | 33 | 6.6 | ug/Kg | ✳ | 11/24/20 16:02 | 11/25/20 13:33 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 93 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Nitrobenzene-d5 (Surr) | 66 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 13:33 | 1 |
| Terphenyl-d14 (Surr) | 96 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 13:33 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 0.97 | | 0.87 | 0.30 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Barium | 8.8 | | 0.87 | 0.099 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Cadmium | <0.031 | | 0.17 | 0.031 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Chromium | 4.7 | | 0.87 | 0.43 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Lead | 2.1 | | 0.43 | 0.20 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Selenium | <0.51 | | 0.87 | 0.51 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |
| Silver | <0.11 | | 0.43 | 0.11 | mg/Kg | ✳ | 12/01/20 06:30 | 12/01/20 20:16 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|---------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.0069 | J | 0.016 | 0.0054 | mg/Kg | ✳ | 12/03/20 13:15 | 12/04/20 10:31 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: VP-3 0-0.5

Lab Sample ID: 500-191460-11

Date Collected: 11/16/20 14:55

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 2500 | | 380 | 46 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| 2-Methylnaphthalene | 3100 | | 380 | 35 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Acenaphthene | 230 | | 190 | 34 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Acenaphthylene | 76 | J | 190 | 25 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Anthracene | 470 | | 190 | 31 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Benzo[a]anthracene | 1300 | | 190 | 25 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Benzo[a]pyrene | 2000 | | 190 | 36 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Benzo[b]fluoranthene | 3100 | | 190 | 41 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Benzo[g,h,i]perylene | 790 | | 190 | 60 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Benzo[k]fluoranthene | 1000 | | 190 | 55 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Chrysene | 1800 | | 190 | 51 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Dibenz(a,h)anthracene | 180 | J | 190 | 36 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Fluoranthene | 3000 | | 190 | 35 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Fluorene | 220 | | 190 | 26 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Indeno[1,2,3-cd]pyrene | 710 | | 190 | 49 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Naphthalene | 2100 | | 190 | 29 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Phenanthrene | 3700 | | 190 | 26 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Pyrene | 3900 | | 190 | 37 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:35 | 5 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 96 | | 43 - 145 | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Nitrobenzene-d5 (Surr) | 73 | | 37 - 147 | 11/24/20 16:02 | 11/28/20 04:35 | 5 |
| Terphenyl-d14 (Surr) | 153 | | 42 - 157 | 11/24/20 16:02 | 11/28/20 04:35 | 5 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Arsenic | 47 | | 4.9 | 1.7 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Barium | 100 | | 4.9 | 0.56 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Cadmium | <0.18 | | 0.98 | 0.18 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Chromium | 10 | | 4.9 | 2.4 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Lead | 49 | | 2.5 | 1.1 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Selenium | <2.9 | | 4.9 | 2.9 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |
| Silver | <0.63 | | 2.5 | 0.63 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:19 | 5 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.12 | | 0.017 | 0.0056 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:33 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-20 0-2

Lab Sample ID: 500-191460-12

Date Collected: 11/16/20 15:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <30 | | 64 | 30 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1,1-Trichloroethane | <24 | | 64 | 24 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1,2,2-Tetrachloroethane | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1,2-Trichloroethane | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1-Dichloroethane | <26 | | 64 | 26 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1-Dichloroethene | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,1-Dichloropropene | <19 | | 64 | 19 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2,3-Trichlorobenzene | <29 | | 64 | 29 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2,3-Trichloropropane | <27 | | 130 | 27 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2,4-Trichlorobenzene | <22 | | 64 | 22 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2,4-Trimethylbenzene | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 320 | 130 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2-Dibromoethane | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2-Dichlorobenzene | <21 | | 64 | 21 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2-Dichloroethane | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,2-Dichloropropane | <27 | | 64 | 27 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,3,5-Trimethylbenzene | <24 | | 64 | 24 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,3-Dichlorobenzene | <26 | | 64 | 26 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,3-Dichloropropane | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 1,4-Dichlorobenzene | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 2,2-Dichloropropane | <28 | | 64 | 28 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 2-Chlorotoluene | <20 | | 64 | 20 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 4-Chlorotoluene | <22 | | 64 | 22 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Benzene | <9.4 | | 16 | 9.4 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Bromobenzene | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Bromochloromethane | <27 | | 64 | 27 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Bromodichloromethane | <24 | | 64 | 24 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Bromoform | <31 | | 64 | 31 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Bromomethane | <51 | | 190 | 51 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Carbon tetrachloride | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Chlorobenzene | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Chloroethane | <32 | | 64 | 32 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Chloroform | <24 | | 130 | 24 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Chloromethane | <21 | | 64 | 21 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| cis-1,2-Dichloroethene | <26 | | 64 | 26 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| cis-1,3-Dichloropropene | <27 | | 64 | 27 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Dibromochloromethane | <31 | | 64 | 31 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Dibromomethane | <17 | | 64 | 17 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Dichlorodifluoromethane | <43 | | 190 | 43 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Ethylbenzene | <12 | | 16 | 12 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Hexachlorobutadiene | <29 | | 64 | 29 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Isopropyl ether | <18 | | 64 | 18 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Isopropylbenzene | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Methyl tert-butyl ether | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Methylene Chloride | <100 | | 320 | 100 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Naphthalene | <21 | | 64 | 21 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| n-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| N-Propylbenzene | <27 | | 64 | 27 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| p-Isopropyltoluene | <23 | | 64 | 23 | ug/Kg | ✱ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-20 0-2

Lab Sample ID: 500-191460-12

Date Collected: 11/16/20 15:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Styrene | <25 | | 64 | 25 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| tert-Butylbenzene | <25 | | 64 | 25 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Tetrachloroethene | <24 | | 64 | 24 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Toluene | <9.4 | | 16 | 9.4 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| trans-1,2-Dichloroethene | <22 | | 64 | 22 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| trans-1,3-Dichloropropene | <23 | | 64 | 23 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Trichloroethene | <11 | | 32 | 11 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Trichlorofluoromethane | <27 | | 64 | 27 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Vinyl chloride | <17 | | 64 | 17 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Xylenes, Total | <14 | | 32 | 14 | ug/Kg | ☼ | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 | | | | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | | | | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Dibromofluoromethane (Surr) | 88 | | 75 - 120 | | | | 11/16/20 15:25 | 11/28/20 03:10 | 50 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | | | | 11/16/20 15:25 | 11/28/20 03:10 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | <8.6 | | 71 | 8.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| 2-Methylnaphthalene | <6.5 | | 71 | 6.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Acenaphthene | <6.4 | | 35 | 6.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Acenaphthylene | <4.7 | | 35 | 4.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Anthracene | <5.9 | | 35 | 5.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Benzo[a]anthracene | <4.8 | | 35 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Benzo[a]pyrene | <6.9 | | 35 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Benzo[b]fluoranthene | <7.6 | | 35 | 7.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Benzo[g,h,i]perylene | <11 | | 35 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Benzo[k]fluoranthene | <10 | | 35 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Chrysene | <9.7 | | 35 | 9.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Dibenz(a,h)anthracene | <6.8 | | 35 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Fluoranthene | <6.6 | | 35 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Fluorene | <5.0 | | 35 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Indeno[1,2,3-cd]pyrene | <9.2 | | 35 | 9.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Naphthalene | <5.4 | | 35 | 5.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Phenanthrene | <4.9 | | 35 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Pyrene | <7.0 | | 35 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 97 | | 43 - 145 | | | | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Nitrobenzene-d5 (Surr) | 68 | | 37 - 147 | | | | 11/24/20 16:02 | 11/25/20 14:02 | 1 |
| Terphenyl-d14 (Surr) | 100 | | 42 - 157 | | | | 11/24/20 16:02 | 11/25/20 14:02 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 0.50 | J | 1.1 | 0.36 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |
| Barium | 19 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |
| Cadmium | 0.079 | J | 0.21 | 0.038 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |
| Chromium | 8.5 | | 1.1 | 0.53 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-20 0-2

Lab Sample ID: 500-191460-12

Date Collected: 11/16/20 15:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.3

Method: 6010C - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 5.0 | | 0.53 | 0.25 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |
| Selenium | <0.63 | | 1.1 | 0.63 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |
| Silver | <0.14 | | 0.53 | 0.14 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:22 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.010 | J | 0.018 | 0.0061 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:35 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-3 2-4

Lab Sample ID: 500-191460-13

Date Collected: 11/17/20 13:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 79.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <35 | | 75 | 35 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1,1-Trichloroethane | <28 | | 75 | 28 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1,2,2-Tetrachloroethane | <30 | | 75 | 30 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1,2-Trichloroethane | <26 | | 75 | 26 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1-Dichloroethane | <31 | | 75 | 31 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1-Dichloroethene | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,1-Dichloropropene | <22 | | 75 | 22 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2,3-Trichlorobenzene | <34 | | 75 | 34 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2,3-Trichloropropane | <31 | | 150 | 31 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2,4-Trichlorobenzene | <26 | | 75 | 26 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2,4-Trimethylbenzene | <27 | | 75 | 27 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2-Dibromo-3-Chloropropane | <150 | | 370 | 150 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2-Dibromoethane | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2-Dichlorobenzene | <25 | | 75 | 25 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2-Dichloroethane | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,2-Dichloropropane | <32 | | 75 | 32 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,3,5-Trimethylbenzene | <28 | | 75 | 28 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,3-Dichlorobenzene | <30 | | 75 | 30 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,3-Dichloropropane | <27 | | 75 | 27 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 1,4-Dichlorobenzene | <27 | | 75 | 27 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 2,2-Dichloropropane | <33 | | 75 | 33 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 2-Chlorotoluene | <23 | | 75 | 23 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 4-Chlorotoluene | <26 | | 75 | 26 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Benzene | <11 | | 19 | 11 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Bromobenzene | <27 | | 75 | 27 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Bromochloromethane | <32 | | 75 | 32 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Bromodichloromethane | <28 | | 75 | 28 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Bromoform | <36 | | 75 | 36 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Bromomethane | <60 | | 220 | 60 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Carbon tetrachloride | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Chlorobenzene | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Chloroethane | <38 | | 75 | 38 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Chloroform | <28 | | 150 | 28 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Chloromethane | <24 | | 75 | 24 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| cis-1,2-Dichloroethene | <31 | | 75 | 31 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| cis-1,3-Dichloropropene | <31 | | 75 | 31 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Dibromochloromethane | <36 | | 75 | 36 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Dibromomethane | <20 | | 75 | 20 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Dichlorodifluoromethane | <50 | | 220 | 50 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Ethylbenzene | <14 | | 19 | 14 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Hexachlorobutadiene | <33 | | 75 | 33 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Isopropyl ether | <21 | | 75 | 21 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Isopropylbenzene | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Methyl tert-butyl ether | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Methylene Chloride | <120 | | 370 | 120 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Naphthalene | <25 | | 75 | 25 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| n-Butylbenzene | <29 | | 75 | 29 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| N-Propylbenzene | <31 | | 75 | 31 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| p-Isopropyltoluene | <27 | | 75 | 27 | ug/Kg | ☼ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-3 2-4

Lab Sample ID: 500-191460-13

Date Collected: 11/17/20 13:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 79.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <30 | | 75 | 30 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Styrene | <29 | | 75 | 29 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| tert-Butylbenzene | <30 | | 75 | 30 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Tetrachloroethene | <28 | | 75 | 28 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Toluene | <11 | | 19 | 11 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| trans-1,2-Dichloroethene | <26 | | 75 | 26 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| trans-1,3-Dichloropropene | <27 | | 75 | 27 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Trichloroethene | <12 | | 37 | 12 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Trichlorofluoromethane | <32 | | 75 | 32 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Vinyl chloride | <20 | | 75 | 20 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Xylenes, Total | <16 | | 37 | 16 | ug/Kg | ✱ | 11/17/20 13:20 | 11/28/20 03:35 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| 4-Bromofluorobenzene (Surr) | 97 | | 72 - 124 | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/17/20 13:20 | 11/28/20 03:35 | 50 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | 11/17/20 13:20 | 11/28/20 03:35 | 50 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 6.4 | | 1.1 | 0.39 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Barium | 100 | | 1.1 | 0.13 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Cadmium | <0.041 | | 0.23 | 0.041 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Chromium | 19 | | 1.1 | 0.57 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Lead | 16 | | 0.57 | 0.26 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Selenium | <0.67 | | 1.1 | 0.67 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |
| Silver | <0.15 | | 0.57 | 0.15 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:26 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.037 | | 0.020 | 0.0067 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:37 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-4 0-2

Lab Sample ID: 500-191460-14

Date Collected: 11/17/20 15:45

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <21 | | 46 | 21 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1,1-Trichloroethane | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1,2,2-Tetrachloroethane | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1,2-Trichloroethane | <16 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1-Dichloroethane | <19 | | 46 | 19 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1-Dichloroethene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,1-Dichloropropene | <14 | | 46 | 14 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2,3-Trichlorobenzene | <21 | | 46 | 21 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2,3-Trichloropropane | <19 | | 92 | 19 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2,4-Trichlorobenzene | <16 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2,4-Trimethylbenzene | 71 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2-Dibromo-3-Chloropropane | <91 | | 230 | 91 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2-Dibromoethane | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2-Dichlorobenzene | <15 | | 46 | 15 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2-Dichloroethane | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,2-Dichloropropane | <20 | | 46 | 20 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,3,5-Trimethylbenzene | 19 J | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,3-Dichlorobenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,3-Dichloropropane | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 1,4-Dichlorobenzene | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 2,2-Dichloropropane | <20 | | 46 | 20 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 2-Chlorotoluene | <14 | | 46 | 14 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 4-Chlorotoluene | <16 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Benzene | 22 | | 11 | 6.7 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Bromobenzene | <16 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Bromochloromethane | <20 | | 46 | 20 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Bromodichloromethane | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Bromoform | <22 | | 46 | 22 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Bromomethane | <37 | | 140 | 37 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Carbon tetrachloride | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Chlorobenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Chloroethane | <23 | | 46 | 23 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Chloroform | <17 | | 92 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Chloromethane | <15 | | 46 | 15 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| cis-1,2-Dichloroethene | <19 | | 46 | 19 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| cis-1,3-Dichloropropene | <19 | | 46 | 19 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Dibromochloromethane | <22 | | 46 | 22 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Dibromomethane | <12 | | 46 | 12 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Dichlorodifluoromethane | <31 | | 140 | 31 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Ethylbenzene | 20 | | 11 | 8.4 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Hexachlorobutadiene | <20 | | 46 | 20 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Isopropyl ether | <13 | | 46 | 13 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Isopropylbenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Methyl tert-butyl ether | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Methylene Chloride | <75 | | 230 | 75 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Naphthalene | 120 | | 46 | 15 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| n-Butylbenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| N-Propylbenzene | <19 | | 46 | 19 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| p-Isopropyltoluene | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-4 0-2

Lab Sample ID: 500-191460-14

Date Collected: 11/17/20 15:45

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Styrene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| tert-Butylbenzene | <18 | | 46 | 18 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Tetrachloroethene | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Toluene | 86 | | 11 | 6.8 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| trans-1,2-Dichloroethene | <16 | | 46 | 16 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| trans-1,3-Dichloropropene | <17 | | 46 | 17 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Trichloroethene | <7.5 | | 23 | 7.5 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Trichlorofluoromethane | <20 | | 46 | 20 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Vinyl chloride | <12 | | 46 | 12 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Xylenes, Total | 210 | | 23 | 10 | ug/Kg | ☼ | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 75 - 126 | | | | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 | | | | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Dibromofluoromethane (Surr) | 90 | | 75 - 120 | | | | 11/17/20 15:45 | 11/28/20 04:00 | 50 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | | | | 11/17/20 15:45 | 11/28/20 04:00 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 300 | | 75 | 9.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| 2-Methylnaphthalene | 350 | | 75 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Acenaphthene | 22 J | | 37 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Acenaphthylene | 74 | | 37 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Anthracene | 89 | | 37 | 6.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Benzo[a]anthracene | 480 | | 37 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Benzo[a]pyrene | 800 | | 37 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Benzo[b]fluoranthene | 1300 | | 37 | 8.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Benzo[g,h,i]perylene | 370 | | 37 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Benzo[k]fluoranthene | 390 | | 37 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Chrysene | 640 | | 37 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Dibenz(a,h)anthracene | 84 | | 37 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Fluoranthene | 840 | | 37 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Fluorene | 30 J | | 37 | 5.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Indeno[1,2,3-cd]pyrene | 300 | | 37 | 9.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Naphthalene | 230 | | 37 | 5.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Phenanthrene | 500 | | 37 | 5.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Pyrene | 1200 | | 37 | 7.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 97 | | 43 - 145 | | | | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Nitrobenzene-d5 (Surr) | 74 | | 37 - 147 | | | | 11/24/20 16:02 | 11/28/20 05:05 | 1 |
| Terphenyl-d14 (Surr) | 146 | | 42 - 157 | | | | 11/24/20 16:02 | 11/28/20 05:05 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 5.5 | | 1.0 | 0.35 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |
| Barium | 130 | | 1.0 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |
| Cadmium | 0.47 | | 0.21 | 0.037 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |
| Chromium | 23 | | 1.0 | 0.51 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |

Euofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-4 0-2

Lab Sample ID: 500-191460-14

Date Collected: 11/17/20 15:45

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 88.3

Method: 6010C - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 110 | | 0.52 | 0.24 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |
| Selenium | 0.72 | J | 1.0 | 0.61 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |
| Silver | <0.13 | | 0.52 | 0.13 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:29 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.45 | | 0.018 | 0.0060 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:40 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-5 2-3

Lab Sample ID: 500-191460-15

Date Collected: 11/18/20 09:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <27 | | 58 | 27 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1,1-Trichloroethane | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1,2,2-Tetrachloroethane | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1,2-Trichloroethane | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1-Dichloroethane | <24 | | 58 | 24 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1-Dichloroethene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,1-Dichloropropene | <17 | | 58 | 17 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2,3-Trichlorobenzene | <27 | | 58 | 27 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2,3-Trichloropropane | <24 | | 120 | 24 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2,4-Trichlorobenzene | <20 | | 58 | 20 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2,4-Trimethylbenzene | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 290 | 120 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2-Dibromoethane | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2-Dichlorobenzene | <20 | | 58 | 20 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2-Dichloroethane | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,2-Dichloropropane | <25 | | 58 | 25 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,3,5-Trimethylbenzene | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,3-Dichlorobenzene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,3-Dichloropropane | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 1,4-Dichlorobenzene | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 2,2-Dichloropropane | <26 | | 58 | 26 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 2-Chlorotoluene | <18 | | 58 | 18 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 4-Chlorotoluene | <20 | | 58 | 20 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Benzene | <8.5 | | 15 | 8.5 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Bromobenzene | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Bromochloromethane | <25 | | 58 | 25 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Bromodichloromethane | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Bromoform | <28 | | 58 | 28 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Bromomethane | <47 | | 180 | 47 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Carbon tetrachloride | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Chlorobenzene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Chloroethane | <29 | | 58 | 29 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Chloroform | <22 | | 120 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Chloromethane | <19 | | 58 | 19 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| cis-1,2-Dichloroethene | <24 | | 58 | 24 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| cis-1,3-Dichloropropene | <24 | | 58 | 24 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Dibromochloromethane | <29 | | 58 | 29 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Dibromomethane | <16 | | 58 | 16 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Dichlorodifluoromethane | <39 | | 180 | 39 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Ethylbenzene | <11 | | 15 | 11 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Hexachlorobutadiene | <26 | | 58 | 26 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Isopropyl ether | <16 | | 58 | 16 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Isopropylbenzene | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Methyl tert-butyl ether | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Methylene Chloride | <95 | | 290 | 95 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Naphthalene | <20 | | 58 | 20 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| n-Butylbenzene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| N-Propylbenzene | <24 | | 58 | 24 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| p-Isopropyltoluene | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-5 2-3

Lab Sample ID: 500-191460-15

Date Collected: 11/18/20 09:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 88.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-----------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Styrene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| tert-Butylbenzene | <23 | | 58 | 23 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Tetrachloroethene | <22 | | 58 | 22 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Toluene | 11 | J | 15 | 8.6 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| trans-1,2-Dichloroethene | <20 | | 58 | 20 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| trans-1,3-Dichloropropene | <21 | | 58 | 21 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Trichloroethene | <9.6 | | 29 | 9.6 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Trichlorofluoromethane | <25 | | 58 | 25 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Vinyl chloride | <15 | | 58 | 15 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Xylenes, Total | 17 | J | 29 | 13 | ug/Kg | ☼ | 11/18/20 09:20 | 11/28/20 04:25 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| 4-Bromofluorobenzene (Surr) | 96 | | 72 - 124 | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Dibromofluoromethane (Surr) | 88 | | 75 - 120 | 11/18/20 09:20 | 11/28/20 04:25 | 50 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | 11/18/20 09:20 | 11/28/20 04:25 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-5 3-4

Lab Sample ID: 500-191460-16

Date Collected: 11/18/20 09:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 84.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 71 | J | 76 | 9.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| 2-Methylnaphthalene | 87 | | 76 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Acenaphthene | 7.7 | J | 38 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Acenaphthylene | 16 | J | 38 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Anthracene | 25 | J | 38 | 6.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Benzo[a]anthracene | 94 | | 38 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Benzo[a]pyrene | 160 | | 38 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Benzo[b]fluoranthene | 250 | | 38 | 8.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Benzo[g,h,i]perylene | 120 | | 38 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Benzo[k]fluoranthene | 81 | | 38 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Chrysene | 120 | | 38 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Dibenz(a,h)anthracene | 35 | J | 38 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Fluoranthene | 170 | | 38 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Fluorene | 7.9 | J | 38 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Indeno[1,2,3-cd]pyrene | 90 | | 38 | 9.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Naphthalene | 58 | | 38 | 5.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Phenanthrene | 130 | | 38 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Pyrene | 230 | | 38 | 7.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 05:34 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 73 | | 43 - 145 | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Nitrobenzene-d5 (Surr) | 55 | | 37 - 147 | 11/24/20 16:02 | 11/28/20 05:34 | 1 |
| Terphenyl-d14 (Surr) | 120 | | 42 - 157 | 11/24/20 16:02 | 11/28/20 05:34 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 5.9 | | 1.1 | 0.38 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Barium | 410 | | 1.1 | 0.13 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Cadmium | 1.4 | | 0.22 | 0.040 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Chromium | 20 | | 1.1 | 0.55 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Lead | 240 | | 0.56 | 0.26 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Selenium | <0.65 | | 1.1 | 0.65 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |
| Silver | <0.14 | | 0.56 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:33 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.19 | | 0.018 | 0.0061 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:44 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-6 2-4

Lab Sample ID: 500-191460-17

Date Collected: 11/18/20 11:30

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|-------------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <41 | | 89 | 41 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1,1-Trichloroethane | <34 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1,2,2-Tetrachloroethane | <35 | | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1,2-Trichloroethane | <31 | | 89 | 31 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1-Dichloroethane | <36 | | 89 | 36 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1-Dichloroethene | <35 | | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,1-Dichloropropene | <26 | | 89 | 26 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2,3-Trichlorobenzene | <41 | | 89 | 41 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2,3-Trichloropropane | <37 | | 180 | 37 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2,4-Trichlorobenzene | <30 | | 89 | 30 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2,4-Trimethylbenzene | 640 | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2-Dibromo-3-Chloropropane | <180 | | 440 | 180 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2-Dibromoethane | <34 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2-Dichlorobenzene | <30 | | 89 | 30 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2-Dichloroethane | <35 | | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,2-Dichloropropane | <38 | | 89 | 38 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,3,5-Trimethylbenzene | 150 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,3-Dichlorobenzene | <36 | | 89 | 36 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,3-Dichloropropane | <32 | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 1,4-Dichlorobenzene | <32 | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 2,2-Dichloropropane | <39 | | 89 | 39 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 2-Chlorotoluene | <28 | | 89 | 28 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 4-Chlorotoluene | <31 | | 89 | 31 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Benzene | 130 | | 22 | 13 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Bromobenzene | <32 | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Bromochloromethane | <38 | | 89 | 38 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Bromodichloromethane | <33 | | 89 | 33 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Bromoform | <43 | | 89 | 43 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Bromomethane | <71 | | 270 | 71 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Carbon tetrachloride | <34 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Chlorobenzene | <34 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Chloroethane | <45 | | 89 | 45 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Chloroform | <33 | | 180 | 33 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Chloromethane | <28 | | 89 | 28 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| cis-1,2-Dichloroethene | <36 | | 89 | 36 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| cis-1,3-Dichloropropene | <37 | | 89 | 37 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Dibromochloromethane | <43 | | 89 | 43 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Dibromomethane | <24 | | 89 | 24 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Dichlorodifluoromethane | <60 | | 270 | 60 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Ethylbenzene | 210 | | 22 | 16 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Hexachlorobutadiene | <40 | | 89 | 40 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Isopropyl ether | <25 | | 89 | 25 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Isopropylbenzene | 160 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Methyl tert-butyl ether | <35 | | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Methylene Chloride | <140 | | 440 | 140 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Naphthalene | 810 | | 89 | 30 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| n-Butylbenzene | 81 J | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| N-Propylbenzene | 170 | | 89 | 37 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| p-Isopropyltoluene | 52 J | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-6 2-4

Lab Sample ID: 500-191460-17

Date Collected: 11/18/20 11:30

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|-------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | 62 | J | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Styrene | <34 | | 89 | 34 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| tert-Butylbenzene | <35 | | 89 | 35 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Tetrachloroethene | 240 | | 89 | 33 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Toluene | 870 | | 22 | 13 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| trans-1,2-Dichloroethene | <31 | | 89 | 31 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| trans-1,3-Dichloropropene | <32 | | 89 | 32 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Trichloroethene | <15 | | 44 | 15 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Trichlorofluoromethane | <38 | | 89 | 38 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Vinyl chloride | <23 | | 89 | 23 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Xylenes, Total | 1800 | | 44 | 20 | ug/Kg | ☼ | 11/18/20 11:30 | 11/28/20 04:50 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 75 - 126 | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| 4-Bromofluorobenzene (Surr) | 101 | | 72 - 124 | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/18/20 11:30 | 11/28/20 04:50 | 50 |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | 11/18/20 11:30 | 11/28/20 04:50 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-6 4.5-6

Lab Sample ID: 500-191460-18

Date Collected: 11/18/20 11:32

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 81.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 1200 | | 81 | 9.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| 2-Methylnaphthalene | 1400 | | 81 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Acenaphthene | 47 | | 40 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Acenaphthylene | 41 | | 40 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Anthracene | 140 | | 40 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Benzo[a]anthracene | 380 | | 40 | 5.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Benzo[a]pyrene | 460 | | 40 | 7.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Benzo[b]fluoranthene | 630 | | 40 | 8.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Benzo[g,h,i]perylene | 600 | | 40 | 13 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Benzo[k]fluoranthene | 220 | | 40 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Chrysene | 470 | | 40 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Dibenz(a,h)anthracene | 63 | | 40 | 7.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Fluoranthene | 540 | | 40 | 7.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Fluorene | 53 | | 40 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Indeno[1,2,3-cd]pyrene | 170 | | 40 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Naphthalene | 910 | | 40 | 6.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Phenanthrene | 980 | | 40 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Pyrene | 820 | | 40 | 7.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 03:36 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 91 | | 43 - 145 | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Nitrobenzene-d5 (Surr) | 69 | | 37 - 147 | 11/24/20 16:02 | 11/28/20 03:36 | 1 |
| Terphenyl-d14 (Surr) | 150 | | 42 - 157 | 11/24/20 16:02 | 11/28/20 03:36 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 7.1 | | 1.2 | 0.42 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Barium | 240 | | 1.2 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Cadmium | 0.79 | | 0.24 | 0.044 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Chromium | 11 | | 1.2 | 0.60 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Lead | 56 | | 0.61 | 0.28 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Selenium | 1.1 | J | 1.2 | 0.72 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |
| Silver | <0.16 | | 0.61 | 0.16 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:36 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.11 | | 0.019 | 0.0064 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:51 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-7 2-4

Lab Sample ID: 500-191460-19

Date Collected: 11/18/20 13:55

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <27 | | 59 | 27 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1,1-Trichloroethane | <22 | | 59 | 22 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1,2,2-Tetrachloroethane | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1,2-Trichloroethane | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1-Dichloroethane | <24 | | 59 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1-Dichloroethene | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,1-Dichloropropene | <18 | | 59 | 18 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2,3-Trichlorobenzene | <27 | | 59 | 27 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2,3-Trichloropropane | <24 | | 120 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2,4-Trichlorobenzene | <20 | | 59 | 20 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2,4-Trimethylbenzene | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 290 | 120 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2-Dibromoethane | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2-Dichlorobenzene | <20 | | 59 | 20 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2-Dichloroethane | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,2-Dichloropropane | <25 | | 59 | 25 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,3,5-Trimethylbenzene | <22 | | 59 | 22 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,3-Dichlorobenzene | <24 | | 59 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,3-Dichloropropane | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 1,4-Dichlorobenzene | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 2,2-Dichloropropane | <26 | | 59 | 26 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 2-Chlorotoluene | <18 | | 59 | 18 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 4-Chlorotoluene | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Benzene | <8.6 | | 15 | 8.6 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Bromobenzene | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Bromochloromethane | <25 | | 59 | 25 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Bromodichloromethane | <22 | | 59 | 22 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Bromoform | <28 | | 59 | 28 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Bromomethane | <47 | | 180 | 47 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Carbon tetrachloride | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Chlorobenzene | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Chloroethane | <30 | | 59 | 30 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Chloroform | <22 | | 120 | 22 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Chloromethane | <19 | | 59 | 19 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| cis-1,2-Dichloroethene | <24 | | 59 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| cis-1,3-Dichloropropene | <24 | | 59 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Dibromochloromethane | <29 | | 59 | 29 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Dibromomethane | <16 | | 59 | 16 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Dichlorodifluoromethane | <40 | | 180 | 40 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Ethylbenzene | <11 | | 15 | 11 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Hexachlorobutadiene | <26 | | 59 | 26 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Isopropyl ether | <16 | | 59 | 16 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Isopropylbenzene | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Methyl tert-butyl ether | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Methylene Chloride | <96 | | 290 | 96 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Naphthalene | 78 | | 59 | 20 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| n-Butylbenzene | <23 | | 59 | 23 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| N-Propylbenzene | <24 | | 59 | 24 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| p-Isopropyltoluene | <21 | | 59 | 21 | ug/Kg | ✱ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-7 2-4

Lab Sample ID: 500-191460-19

Date Collected: 11/18/20 13:55

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Styrene | <23 | | 59 | 23 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| tert-Butylbenzene | <23 | | 59 | 23 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Tetrachloroethene | <22 | | 59 | 22 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Toluene | 9.9 | J | 15 | 8.6 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| trans-1,2-Dichloroethene | <21 | | 59 | 21 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| trans-1,3-Dichloropropene | <21 | | 59 | 21 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Trichloroethene | <9.6 | | 29 | 9.6 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Trichlorofluoromethane | <25 | | 59 | 25 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Vinyl chloride | <15 | | 59 | 15 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Xylenes, Total | 14 | J | 29 | 13 | ug/Kg | ☼ | 11/18/20 13:55 | 11/28/20 05:15 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 101 | | 75 - 126 | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/18/20 13:55 | 11/28/20 05:15 | 50 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | 11/18/20 13:55 | 11/28/20 05:15 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-7 4-6

Lab Sample ID: 500-191460-20

Date Collected: 11/18/20 14:00

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 80.8

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|-------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 6.2 | | 1.2 | 0.40 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Barium | 81 | | 1.2 | 0.13 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Cadmium | <0.042 | | 0.24 | 0.042 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Chromium | 24 | | 1.2 | 0.58 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Lead | 11 | | 0.59 | 0.27 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Selenium | 0.80 | J | 1.2 | 0.69 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |
| Silver | <0.15 | | 0.59 | 0.15 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:45 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.025 | | 0.019 | 0.0063 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:53 | 1 |



Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-8 4-6

Lab Sample ID: 500-191460-21

Date Collected: 11/18/20 14:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | 540 | | 72 | 8.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| 2-Methylnaphthalene | 720 | | 72 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Acenaphthene | 44 | | 36 | 6.4 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Acenaphthylene | 64 | | 36 | 4.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Anthracene | 130 | | 36 | 6.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Benzo[a]anthracene | 540 | | 36 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Benzo[a]pyrene | 780 | | 36 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Benzo[b]fluoranthene | 1000 | | 36 | 7.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Benzo[g,h,i]perylene | 390 | | 36 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Benzo[k]fluoranthene | 350 | | 36 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Chrysene | 600 | | 36 | 9.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Dibenz(a,h)anthracene | 75 | | 36 | 6.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Fluoranthene | 910 | | 36 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Fluorene | 48 | | 36 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Indeno[1,2,3-cd]pyrene | 240 | | 36 | 9.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Naphthalene | 530 | | 36 | 5.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Phenanthrene | 660 | | 36 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Pyrene | 1300 | | 36 | 7.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/28/20 04:05 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 93 | | 43 - 145 | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Nitrobenzene-d5 (Surr) | 73 | | 37 - 147 | 11/24/20 16:02 | 11/28/20 04:05 | 1 |
| Terphenyl-d14 (Surr) | 150 | | 42 - 157 | 11/24/20 16:02 | 11/28/20 04:05 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: DUP 4

Lab Sample ID: 500-191460-22

Date Collected: 11/18/20 13:57

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <31 | | 67 | 31 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1,1-Trichloroethane | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1,2,2-Tetrachloroethane | <27 | | 67 | 27 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1,2-Trichloroethane | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1-Dichloroethane | <28 | | 67 | 28 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1-Dichloroethene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,1-Dichloropropene | <20 | | 67 | 20 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2,3-Trichlorobenzene | <31 | | 67 | 31 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2,3-Trichloropropane | <28 | | 130 | 28 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2,4-Trichlorobenzene | <23 | | 67 | 23 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2,4-Trimethylbenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2-Dibromo-3-Chloropropane | <130 | | 340 | 130 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2-Dibromoethane | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2-Dichlorobenzene | <22 | | 67 | 22 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2-Dichloroethane | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,2-Dichloropropane | <29 | | 67 | 29 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,3,5-Trimethylbenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,3-Dichlorobenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,3-Dichloropropane | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 1,4-Dichlorobenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 2,2-Dichloropropane | <30 | | 67 | 30 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 2-Chlorotoluene | <21 | | 67 | 21 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 4-Chlorotoluene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Benzene | <9.8 | | 17 | 9.8 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Bromobenzene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Bromochloromethane | <29 | | 67 | 29 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Bromodichloromethane | <25 | | 67 | 25 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Bromoform | <33 | | 67 | 33 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Bromomethane | <54 | | 200 | 54 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Carbon tetrachloride | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Chlorobenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Chloroethane | <34 | | 67 | 34 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Chloroform | <25 | | 130 | 25 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Chloromethane | <22 | | 67 | 22 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| cis-1,2-Dichloroethene | <27 | | 67 | 27 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| cis-1,3-Dichloropropene | <28 | | 67 | 28 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Dibromochloromethane | <33 | | 67 | 33 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Dibromomethane | <18 | | 67 | 18 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Dichlorodifluoromethane | <45 | | 200 | 45 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Ethylbenzene | <12 | | 17 | 12 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Hexachlorobutadiene | <30 | | 67 | 30 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Isopropyl ether | <19 | | 67 | 19 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Isopropylbenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Methyl tert-butyl ether | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Methylene Chloride | <110 | | 340 | 110 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Naphthalene | <22 | | 67 | 22 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| n-Butylbenzene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| N-Propylbenzene | <28 | | 67 | 28 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| p-Isopropyltoluene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: DUP 4

Lab Sample ID: 500-191460-22

Date Collected: 11/18/20 13:57

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Styrene | <26 | | 67 | 26 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| tert-Butylbenzene | <27 | | 67 | 27 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Tetrachloroethene | <25 | | 67 | 25 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Toluene | <9.9 | | 17 | 9.9 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| trans-1,2-Dichloroethene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| trans-1,3-Dichloropropene | <24 | | 67 | 24 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Trichloroethene | <11 | | 34 | 11 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Trichlorofluoromethane | <29 | | 67 | 29 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Vinyl chloride | <18 | | 67 | 18 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Xylenes, Total | <15 | | 34 | 15 | ug/Kg | ☼ | 11/18/20 13:57 | 11/28/20 05:40 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/18/20 13:57 | 11/28/20 05:40 | 50 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | 11/18/20 13:57 | 11/28/20 05:40 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: DUP 5

Lab Sample ID: 500-191460-23

Date Collected: 11/16/20 13:22

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 83.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------------|------------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <9.2 | | 76 | 9.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| 2-Methylnaphthalene | 7.0 | J | 76 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Acenaphthene | 15 | J | 38 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Acenaphthylene | 5.9 | J | 38 | 5.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Anthracene | 38 | | 38 | 6.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Benzo[a]anthracene | 130 | | 38 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Benzo[a]pyrene | 130 | | 38 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Benzo[b]fluoranthene | 170 | | 38 | 8.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Benzo[g,h,i]perylene | 57 | | 38 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Benzo[k]fluoranthene | 60 | | 38 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Chrysene | 130 | | 38 | 10 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Dibenz(a,h)anthracene | 16 | J | 38 | 7.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Fluoranthene | 280 | | 38 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Fluorene | 13 | J | 38 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Indeno[1,2,3-cd]pyrene | 54 | | 38 | 9.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Naphthalene | <5.8 | | 38 | 5.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Phenanthrene | 160 | | 38 | 5.3 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Pyrene | 210 | | 38 | 7.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 15:59 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 88 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Nitrobenzene-d5 (Surr) | 63 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 15:59 | 1 |
| Terphenyl-d14 (Surr) | 92 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 15:59 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 4.2 | | 1.1 | 0.37 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Barium | 74 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Cadmium | <0.039 | | 0.21 | 0.039 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Chromium | 19 | | 1.1 | 0.53 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Lead | 12 | | 0.54 | 0.25 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Selenium | <0.63 | | 1.1 | 0.63 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |
| Silver | <0.14 | | 0.54 | 0.14 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:49 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|--------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.049 | | 0.019 | 0.0063 | mg/Kg | ☼ | 12/03/20 13:15 | 12/04/20 10:55 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: Trip-MEOH

Lab Sample ID: 500-191460-24

Date Collected: 11/16/20 00:00

Matrix: Solid

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <23 | | 50 | 23 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1,1-Trichloroethane | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1,2,2-Tetrachloroethane | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1,2-Trichloroethane | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1-Dichloroethane | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,1-Dichloropropene | <15 | | 50 | 15 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2,3-Trichlorobenzene | <23 | | 50 | 23 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2,3-Trichloropropane | <21 | | 100 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2,4-Trichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2,4-Trimethylbenzene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2-Dibromo-3-Chloropropane | <100 | | 250 | 100 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2-Dibromoethane | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2-Dichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2-Dichloroethane | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,2-Dichloropropane | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,3,5-Trimethylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,3-Dichlorobenzene | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,3-Dichloropropane | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 1,4-Dichlorobenzene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 2,2-Dichloropropane | <22 | | 50 | 22 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 2-Chlorotoluene | <16 | | 50 | 16 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 4-Chlorotoluene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Benzene | <7.3 | | 13 | 7.3 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Bromobenzene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Bromochloromethane | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Bromodichloromethane | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Bromoform | <24 | | 50 | 24 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Bromomethane | <40 | | 150 | 40 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Carbon tetrachloride | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Chlorobenzene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Chloroethane | <25 | | 50 | 25 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Chloroform | <19 | | 100 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Chloromethane | <16 | | 50 | 16 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| cis-1,2-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| cis-1,3-Dichloropropene | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Dibromochloromethane | <24 | | 50 | 24 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Dibromomethane | <14 | | 50 | 14 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Dichlorodifluoromethane | <34 | | 150 | 34 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Ethylbenzene | <9.2 | | 13 | 9.2 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Hexachlorobutadiene | <22 | | 50 | 22 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Isopropyl ether | <14 | | 50 | 14 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Isopropylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Methyl tert-butyl ether | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Methylene Chloride | <82 | | 250 | 82 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Naphthalene | <17 | | 50 | 17 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| n-Butylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| N-Propylbenzene | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| p-Isopropyltoluene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: Trip-MEOH

Lab Sample ID: 500-191460-24

Date Collected: 11/16/20 00:00

Matrix: Solid

Date Received: 11/20/20 09:40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| sec-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Styrene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| tert-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Tetrachloroethene | <19 | | 50 | 19 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Toluene | <7.4 | | 13 | 7.4 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| trans-1,2-Dichloroethene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| trans-1,3-Dichloropropene | <18 | | 50 | 18 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Trichloroethene | <8.2 | | 25 | 8.2 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Trichlorofluoromethane | <21 | | 50 | 21 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Vinyl chloride | <13 | | 50 | 13 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Xylenes, Total | <11 | | 25 | 11 | ug/Kg | | 11/16/20 00:00 | 11/28/20 01:05 | 50 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Dibromofluoromethane (Surr) | 88 | | 75 - 120 | 11/16/20 00:00 | 11/28/20 01:05 | 50 |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | 11/16/20 00:00 | 11/28/20 01:05 | 50 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-16 2-4

Lab Sample ID: 500-191460-25

Date Collected: 11/16/20 16:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <20 | | 42 | 20 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1,1-Trichloroethane | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1,2,2-Tetrachloroethane | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1,2-Trichloroethane | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1-Dichloroethane | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1-Dichloroethene | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,1-Dichloropropene | <13 | | 42 | 13 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2,3-Trichlorobenzene | <19 | | 42 | 19 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2,3-Trichloropropane | <18 | | 85 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2,4-Trichlorobenzene | <14 | | 42 | 14 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2,4-Trimethylbenzene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2-Dibromo-3-Chloropropane | <84 | | 210 | 84 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2-Dibromoethane | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2-Dichlorobenzene | <14 | | 42 | 14 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2-Dichloroethane | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,2-Dichloropropane | <18 | | 42 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,3,5-Trimethylbenzene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,3-Dichlorobenzene | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,3-Dichloropropane | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 1,4-Dichlorobenzene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 2,2-Dichloropropane | <19 | | 42 | 19 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 2-Chlorotoluene | <13 | | 42 | 13 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 4-Chlorotoluene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Benzene | <6.2 | | 11 | 6.2 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Bromobenzene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Bromochloromethane | <18 | | 42 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Bromodichloromethane | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Bromoform | <20 | | 42 | 20 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Bromomethane | <34 | | 130 | 34 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Carbon tetrachloride | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Chlorobenzene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Chloroethane | <21 | | 42 | 21 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Chloroform | <16 | | 85 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Chloromethane | <14 | | 42 | 14 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| cis-1,2-Dichloroethene | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| cis-1,3-Dichloropropene | <18 | | 42 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Dibromochloromethane | <21 | | 42 | 21 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Dibromomethane | <11 | | 42 | 11 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Dichlorodifluoromethane | <29 | | 130 | 29 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Ethylbenzene | <7.7 | | 11 | 7.7 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Hexachlorobutadiene | <19 | | 42 | 19 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Isopropyl ether | <12 | | 42 | 12 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Isopropylbenzene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Methyl tert-butyl ether | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Methylene Chloride | <69 | | 210 | 69 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Naphthalene | <14 | | 42 | 14 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| n-Butylbenzene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| N-Propylbenzene | <18 | | 42 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| p-Isopropyltoluene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |

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Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-16 2-4

Lab Sample ID: 500-191460-25

Date Collected: 11/16/20 16:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| sec-Butylbenzene | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Styrene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| tert-Butylbenzene | <17 | | 42 | 17 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Tetrachloroethene | <16 | | 42 | 16 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Toluene | <6.2 | | 11 | 6.2 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| trans-1,2-Dichloroethene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| trans-1,3-Dichloropropene | <15 | | 42 | 15 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Trichloroethene | <6.9 | | 21 | 6.9 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Trichlorofluoromethane | <18 | | 42 | 18 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Vinyl chloride | <11 | | 42 | 11 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Xylenes, Total | <9.3 | | 21 | 9.3 | ug/Kg | ☼ | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | | | | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 | | | | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Dibromofluoromethane (Surr) | 88 | | 75 - 120 | | | | 11/16/20 16:25 | 11/28/20 06:05 | 50 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 | | | | 11/16/20 16:25 | 11/28/20 06:05 | 50 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-------------------------|------------------|------------------|---------------|-----|-------|---|-----------------|-----------------|----------------|
| 1-Methylnaphthalene | <8.9 | | 74 | 8.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| 2-Methylnaphthalene | <6.7 | | 74 | 6.7 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Acenaphthene | <6.6 | | 36 | 6.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Acenaphthylene | <4.8 | | 36 | 4.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Anthracene | <6.1 | | 36 | 6.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Benzo[a]anthracene | <4.9 | | 36 | 4.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Benzo[a]pyrene | <7.1 | | 36 | 7.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Benzo[b]fluoranthene | <7.9 | | 36 | 7.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Benzo[g,h,i]perylene | <12 | | 36 | 12 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Benzo[k]fluoranthene | <11 | | 36 | 11 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Chrysene | <9.9 | | 36 | 9.9 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Dibenz(a,h)anthracene | <7.0 | | 36 | 7.0 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Fluoranthene | <6.8 | | 36 | 6.8 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Fluorene | <5.1 | | 36 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Indeno[1,2,3-cd]pyrene | <9.5 | | 36 | 9.5 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Naphthalene | <5.6 | | 36 | 5.6 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Phenanthrene | <5.1 | | 36 | 5.1 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Pyrene | <7.2 | | 36 | 7.2 | ug/Kg | ☼ | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 2-Fluorobiphenyl (Surr) | 96 | | 43 - 145 | | | | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Nitrobenzene-d5 (Surr) | 70 | | 37 - 147 | | | | 11/24/20 16:02 | 11/25/20 14:31 | 1 |
| Terphenyl-d14 (Surr) | 98 | | 42 - 157 | | | | 11/24/20 16:02 | 11/25/20 14:31 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|--------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 1.1 | | 1.1 | 0.37 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |
| Barium | 13 | | 1.1 | 0.12 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |
| Cadmium | 0.049 | J | 0.22 | 0.039 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |
| Chromium | 5.5 | | 1.1 | 0.54 | mg/Kg | ☼ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |

Eurofins TestAmerica, Chicago

Client Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-16 2-4

Lab Sample ID: 500-191460-25

Date Collected: 11/16/20 16:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 89.4

Method: 6010C - Metals (ICP) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|------|-------|---|----------------|----------------|---------|
| Lead | 2.7 | | 0.54 | 0.25 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |
| Selenium | <0.64 | | 1.1 | 0.64 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |
| Silver | <0.14 | | 0.54 | 0.14 | mg/Kg | ✱ | 12/01/20 06:30 | 12/01/20 20:52 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.013 | J | 0.018 | 0.0059 | mg/Kg | ✱ | 12/03/20 13:15 | 12/04/20 10:57 | 1 |

Client Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-23 2-4

Lab Sample ID: 500-191460-26

Date Collected: 11/16/20 13:50

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 94.0

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.5 | | 70 | 8.5 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| 2-Methylnaphthalene | <6.4 | | 70 | 6.4 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Acenaphthene | <6.2 | | 34 | 6.2 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Acenaphthylene | <4.6 | | 34 | 4.6 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Anthracene | <5.8 | | 34 | 5.8 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Benzo[a]anthracene | <4.7 | | 34 | 4.7 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Benzo[a]pyrene | <6.7 | | 34 | 6.7 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Benzo[b]fluoranthene | <7.5 | | 34 | 7.5 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Benzo[g,h,i]perylene | <11 | | 34 | 11 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Benzo[k]fluoranthene | <10 | | 34 | 10 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Chrysene | <9.5 | | 34 | 9.5 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Dibenz(a,h)anthracene | <6.7 | | 34 | 6.7 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Fluoranthene | <6.4 | | 34 | 6.4 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Fluorene | <4.9 | | 34 | 4.9 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Indeno[1,2,3-cd]pyrene | <9.0 | | 34 | 9.0 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Naphthalene | <5.3 | | 34 | 5.3 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Phenanthrene | <4.8 | | 34 | 4.8 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Pyrene | <6.9 | | 34 | 6.9 | ug/Kg | ✧ | 11/24/20 16:02 | 11/25/20 15:01 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 2-Fluorobiphenyl (Surr) | 101 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Nitrobenzene-d5 (Surr) | 72 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 15:01 | 1 |
| Terphenyl-d14 (Surr) | 103 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 15:01 | 1 |

Method: 6010C - Metals (ICP)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------|------------|-----------|------|-------|-------|---|----------------|----------------|---------|
| Arsenic | 1.4 | | 1.0 | 0.35 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Barium | 10 | | 1.0 | 0.12 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Cadmium | <0.037 | | 0.21 | 0.037 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Chromium | 7.2 | | 1.0 | 0.51 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Lead | 3.5 | | 0.51 | 0.24 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Selenium | <0.60 | | 1.0 | 0.60 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |
| Silver | <0.13 | | 0.51 | 0.13 | mg/Kg | ✧ | 12/01/20 06:30 | 12/01/20 20:55 | 1 |

Method: 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------|---------------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| Mercury | 0.0095 | J | 0.017 | 0.0058 | mg/Kg | ✧ | 12/03/20 13:15 | 12/04/20 10:59 | 1 |

Definitions/Glossary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Qualifiers

GC/MS VOA

| Qualifier | Qualifier Description |
|-----------|--|
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

GC/MS Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |

Metals

| Qualifier | Qualifier Description |
|-----------|--|
| F1 | MS and/or MSD recovery exceeds control limits. |
| F2 | MS/MSD RPD exceeds control limits |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| V | Serial Dilution exceeds the control limits |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

GC/MS VOA

Prep Batch: 573409

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-4 | SB-15 0-2 | Total/NA | Solid | 5035 | |
| 500-191460-7 | SB-18 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 5035 | |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 5035 | |
| 500-191460-15 | TW-5 2-3 | Total/NA | Solid | 5035 | |
| 500-191460-17 | TW-6 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-22 | DUP 4 | Total/NA | Solid | 5035 | |
| 500-191460-24 | Trip-MEOH | Total/NA | Solid | 5035 | |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 5035 | |
| LB3 500-573409/21-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 500-573409/22-A | Lab Control Sample | Total/NA | Solid | 5035 | |

Prep Batch: 573412

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-19 | TW-7 2-4 | Total/NA | Solid | 5035 | |
| LB3 500-573412/21-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 500-573412/22-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| 500-191460-19 MS | TW-7 2-4 | Total/NA | Solid | 5035 | |
| 500-191460-19 MSD | TW-7 2-4 | Total/NA | Solid | 5035 | |

Analysis Batch: 573726

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| LB3 500-573409/21-A | Method Blank | Total/NA | Solid | 8260B | 573409 |
| MB 500-573726/7 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 500-573409/22-A | Lab Control Sample | Total/NA | Solid | 8260B | 573409 |
| LCS 500-573726/5 | Lab Control Sample | Total/NA | Solid | 8260B | |

Analysis Batch: 574288

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-4 | SB-15 0-2 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-7 | SB-18 2-4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-15 | TW-5 2-3 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-17 | TW-6 2-4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-19 | TW-7 2-4 | Total/NA | Solid | 8260B | 573412 |
| 500-191460-22 | DUP 4 | Total/NA | Solid | 8260B | 573409 |
| 500-191460-24 | Trip-MEOH | Total/NA | Solid | 8260B | 573409 |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 8260B | 573409 |
| LB3 500-573412/21-A | Method Blank | Total/NA | Solid | 8260B | 573412 |
| MB 500-574288/8 | Method Blank | Total/NA | Solid | 8260B | |
| LCS 500-573412/22-A | Lab Control Sample | Total/NA | Solid | 8260B | 573412 |
| LCS 500-574288/4 | Lab Control Sample | Total/NA | Solid | 8260B | |
| 500-191460-19 MS | TW-7 2-4 | Total/NA | Solid | 8260B | 573412 |
| 500-191460-19 MSD | TW-7 2-4 | Total/NA | Solid | 8260B | 573412 |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

GC/MS Semi VOA

Prep Batch: 573874

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 3541 | |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 3541 | |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 3541 | |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 3541 | |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 3541 | |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 3541 | |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 3541 | |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 3541 | |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 3541 | |
| 500-191460-21 | TW-8 4-6 | Total/NA | Solid | 3541 | |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 3541 | |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 3541 | |
| MB 500-573874/1-A | Method Blank | Total/NA | Solid | 3541 | |
| LCS 500-573874/2-A | Lab Control Sample | Total/NA | Solid | 3541 | |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 3541 | |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 3541 | |

Analysis Batch: 574007

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 8270D | 573874 |
| MB 500-573874/1-A | Method Blank | Total/NA | Solid | 8270D | 573874 |
| LCS 500-573874/2-A | Lab Control Sample | Total/NA | Solid | 8270D | 573874 |

Analysis Batch: 574013

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 8270D | 573874 |

Analysis Batch: 574112

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 8270D | 573874 |

Analysis Batch: 574301

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 8270D | 573874 |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

GC/MS Semi VOA (Continued)

Analysis Batch: 574301 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 8270D | 573874 |
| 500-191460-21 | TW-8 4-6 | Total/NA | Solid | 8270D | 573874 |

Metals

Prep Batch: 574627

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 3050B | |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 3050B | |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 3050B | |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 3050B | |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 3050B | |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 3050B | |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 3050B | |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 3050B | |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 3050B | |
| 500-191460-20 | TW-7 4-6 | Total/NA | Solid | 3050B | |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 3050B | |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 3050B | |
| MB 500-574627/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCS 500-574627/2-A | Lab Control Sample | Total/NA | Solid | 3050B | |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 3050B | |
| 500-191460-2 DU | SB-19 2-4 | Total/NA | Solid | 3050B | |

Analysis Batch: 574859

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-20 | TW-7 4-6 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 6010C | 574627 |

Eurofins TestAmerica, Chicago

QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Metals (Continued)

Analysis Batch: 574859 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 6010C | 574627 |
| MB 500-574627/1-A | Method Blank | Total/NA | Solid | 6010C | 574627 |
| LCS 500-574627/2-A | Lab Control Sample | Total/NA | Solid | 6010C | 574627 |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 6010C | 574627 |
| 500-191460-2 DU | SB-19 2-4 | Total/NA | Solid | 6010C | 574627 |

Prep Batch: 575135

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 7471B | |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 7471B | |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 7471B | |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 7471B | |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 7471B | |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 7471B | |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 7471B | |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 7471B | |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 7471B | |
| 500-191460-20 | TW-7 4-6 | Total/NA | Solid | 7471B | |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 7471B | |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 7471B | |
| MB 500-575135/12-A | Method Blank | Total/NA | Solid | 7471B | |
| LCS 500-575135/13-A | Lab Control Sample | Total/NA | Solid | 7471B | |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 7471B | |
| 500-191460-2 DU | SB-19 2-4 | Total/NA | Solid | 7471B | |

Analysis Batch: 575400

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-20 | TW-7 4-6 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-23 | DUP 5 | Total/NA | Solid | 7471B | 575135 |

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QC Association Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Metals (Continued)

Analysis Batch: 575400 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|--------------------|-----------|--------|--------|------------|
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | 7471B | 575135 |
| MB 500-575135/12-A | Method Blank | Total/NA | Solid | 7471B | 575135 |
| LCS 500-575135/13-A | Lab Control Sample | Total/NA | Solid | 7471B | 575135 |
| 500-191460-2 MS | SB-19 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-2 MSD | SB-19 2-4 | Total/NA | Solid | 7471B | 575135 |
| 500-191460-2 DU | SB-19 2-4 | Total/NA | Solid | 7471B | 575135 |

General Chemistry

Analysis Batch: 573994

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 500-191460-1 | SB-17 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-2 | SB-19 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-3 | SB-14 0-2 | Total/NA | Solid | Moisture | |
| 500-191460-4 | SB-15 0-2 | Total/NA | Solid | Moisture | |
| 500-191460-5 | SB-15 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-6 | SB-18 0-2 | Total/NA | Solid | Moisture | |
| 500-191460-7 | SB-18 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-8 | SB-21 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-9 | SB-22 2.5-5 | Total/NA | Solid | Moisture | |
| 500-191460-10 | SB-22 5-6.5 | Total/NA | Solid | Moisture | |
| 500-191460-11 | VP-3 0-0.5 | Total/NA | Solid | Moisture | |
| 500-191460-12 | SB-20 0-2 | Total/NA | Solid | Moisture | |
| 500-191460-13 | TW-3 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-14 | TW-4 0-2 | Total/NA | Solid | Moisture | |
| 500-191460-15 | TW-5 2-3 | Total/NA | Solid | Moisture | |
| 500-191460-16 | TW-5 3-4 | Total/NA | Solid | Moisture | |
| 500-191460-17 | TW-6 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-18 | TW-6 4.5-6 | Total/NA | Solid | Moisture | |
| 500-191460-19 | TW-7 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-20 | TW-7 4-6 | Total/NA | Solid | Moisture | |
| 500-191460-10 DU | SB-22 5-6.5 | Total/NA | Solid | Moisture | |

Analysis Batch: 574003

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 500-191460-21 | TW-8 4-6 | Total/NA | Solid | Moisture | |
| 500-191460-22 | DUP 4 | Total/NA | Solid | Moisture | |
| 500-191460-23 | DUP 5 | Total/NA | Solid | Moisture | |
| 500-191460-25 | SB-16 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-26 | SB-23 2-4 | Total/NA | Solid | Moisture | |
| 500-191460-26 DU | SB-23 2-4 | Total/NA | Solid | Moisture | |

Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---------------------|--------------------|--|-----------------|------------------|-----------------|
| | | DCA (75-126) | BFB (72-124) | DBFM (75-120) | TOL (75-120) |
| 500-191460-1 | SB-17 2-4 | 96 | 94 | 89 | 96 |
| 500-191460-2 | SB-19 2-4 | 99 | 100 | 91 | 97 |
| 500-191460-4 | SB-15 0-2 | 99 | 97 | 89 | 96 |
| 500-191460-7 | SB-18 2-4 | 99 | 98 | 89 | 97 |
| 500-191460-12 | SB-20 0-2 | 98 | 98 | 88 | 98 |
| 500-191460-13 | TW-3 2-4 | 97 | 97 | 89 | 97 |
| 500-191460-14 | TW-4 0-2 | 101 | 100 | 90 | 98 |
| 500-191460-15 | TW-5 2-3 | 98 | 96 | 88 | 98 |
| 500-191460-17 | TW-6 2-4 | 101 | 101 | 89 | 99 |
| 500-191460-19 | TW-7 2-4 | 101 | 99 | 89 | 97 |
| 500-191460-19 MS | TW-7 2-4 | 98 | 99 | 93 | 99 |
| 500-191460-19 MSD | TW-7 2-4 | 99 | 102 | 96 | 97 |
| 500-191460-22 | DUP 4 | 99 | 98 | 89 | 97 |
| 500-191460-24 | Trip-MEOH | 96 | 98 | 88 | 99 |
| 500-191460-25 | SB-16 2-4 | 97 | 100 | 88 | 98 |
| LB3 500-573409/21-A | Method Blank | 97 | 96 | 92 | 94 |
| LB3 500-573412/21-A | Method Blank | 95 | 94 | 89 | 96 |
| LCS 500-573409/22-A | Lab Control Sample | 98 | 100 | 94 | 98 |
| LCS 500-573412/22-A | Lab Control Sample | 96 | 98 | 95 | 97 |
| LCS 500-573726/5 | Lab Control Sample | 96 | 96 | 94 | 98 |
| LCS 500-574288/4 | Lab Control Sample | 99 | 101 | 95 | 98 |
| MB 500-573726/7 | Method Blank | 98 | 97 | 93 | 96 |
| MB 500-574288/8 | Method Blank | 96 | 98 | 93 | 97 |

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | | |
|------------------|------------------|--|-----------------|------------------|
| | | FBP (43-145) | NBZ (37-147) | TPHL (42-157) |
| 500-191460-1 | SB-17 2-4 | 90 | 76 | 87 |
| 500-191460-2 | SB-19 2-4 | 90 | 61 | 94 |
| 500-191460-2 MS | SB-19 2-4 | 93 | 74 | 104 |
| 500-191460-2 MSD | SB-19 2-4 | 101 | 79 | 105 |
| 500-191460-3 | SB-14 0-2 | 77 | 59 | 133 |
| 500-191460-5 | SB-15 2-4 | 77 | 71 | 75 |
| 500-191460-6 | SB-18 0-2 | 87 | 61 | 127 |
| 500-191460-8 | SB-21 2-4 | 91 | 65 | 89 |
| 500-191460-9 | SB-22 2.5-5 | 88 | 63 | 92 |
| 500-191460-10 | SB-22 5-6.5 | 93 | 66 | 96 |
| 500-191460-11 | VP-3 0-0.5 | 96 | 73 | 153 |
| 500-191460-12 | SB-20 0-2 | 97 | 68 | 100 |
| 500-191460-14 | TW-4 0-2 | 97 | 74 | 146 |
| 500-191460-16 | TW-5 3-4 | 73 | 55 | 120 |

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Surrogate Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

| Lab Sample ID | Client Sample ID | FBP (43-145) | NBZ (37-147) | TPHL (42-157) |
|--------------------|--------------------|-----------------|-----------------|------------------|
| 500-191460-18 | TW-6 4.5-6 | 91 | 69 | 150 |
| 500-191460-21 | TW-8 4-6 | 93 | 73 | 150 |
| 500-191460-23 | DUP 5 | 88 | 63 | 92 |
| 500-191460-25 | SB-16 2-4 | 96 | 70 | 98 |
| 500-191460-26 | SB-23 2-4 | 101 | 72 | 103 |
| LCS 500-573874/2-A | Lab Control Sample | 97 | 96 | 100 |
| MB 500-573874/1-A | Method Blank | 99 | 84 | 92 |

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)

NBZ = Nitrobenzene-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LB3 500-573409/21-A
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573409

| Analyte | LB3 | LB3 | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <23 | | 50 | 23 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1,1-Trichloroethane | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1,2,2-Tetrachloroethane | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1,2-Trichloroethane | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1-Dichloroethane | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,1-Dichloropropene | <15 | | 50 | 15 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2,3-Trichlorobenzene | <23 | | 50 | 23 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2,3-Trichloropropane | <21 | | 100 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2,4-Trichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2,4-Trimethylbenzene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2-Dibromo-3-Chloropropane | <100 | | 250 | 100 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2-Dibromoethane | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2-Dichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2-Dichloroethane | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,2-Dichloropropane | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,3,5-Trimethylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,3-Dichlorobenzene | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,3-Dichloropropane | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 1,4-Dichlorobenzene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 2,2-Dichloropropane | <22 | | 50 | 22 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 2-Chlorotoluene | <16 | | 50 | 16 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 4-Chlorotoluene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Benzene | <7.3 | | 13 | 7.3 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Bromobenzene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Bromochloromethane | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Bromodichloromethane | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Bromoform | <24 | | 50 | 24 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Bromomethane | <40 | | 150 | 40 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Carbon tetrachloride | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Chlorobenzene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Chloroethane | <25 | | 50 | 25 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Chloroform | <19 | | 100 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Chloromethane | <16 | | 50 | 16 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| cis-1,2-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| cis-1,3-Dichloropropene | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Dibromochloromethane | <24 | | 50 | 24 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Dibromomethane | <14 | | 50 | 14 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Dichlorodifluoromethane | <34 | | 150 | 34 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Ethylbenzene | <9.2 | | 13 | 9.2 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Hexachlorobutadiene | <22 | | 50 | 22 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Isopropyl ether | <14 | | 50 | 14 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Isopropylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Methyl tert-butyl ether | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Methylene Chloride | <82 | | 250 | 82 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Naphthalene | <17 | | 50 | 17 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| n-Butylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| N-Propylbenzene | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-573409/21-A
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573409

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|---------------|----|-----|-------|---|----------------|----------------|---------|
| p-Isopropyltoluene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| sec-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Styrene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| tert-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Tetrachloroethene | <19 | | 50 | 19 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Toluene | <7.4 | | 13 | 7.4 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| trans-1,2-Dichloroethene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| trans-1,3-Dichloropropene | <18 | | 50 | 18 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Trichloroethene | <8.2 | | 25 | 8.2 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Trichlorofluoromethane | <21 | | 50 | 21 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Vinyl chloride | <13 | | 50 | 13 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Xylenes, Total | <11 | | 25 | 11 | ug/Kg | | 11/11/20 23:45 | 11/24/20 13:04 | 50 |

| Surrogate | LB3 %Recovery | LB3 Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------|---------------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 97 | | 75 - 126 | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| 4-Bromofluorobenzene (Surr) | 96 | | 72 - 124 | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Dibromofluoromethane (Surr) | 92 | | 75 - 120 | 11/11/20 23:45 | 11/24/20 13:04 | 50 |
| Toluene-d8 (Surr) | 94 | | 75 - 120 | 11/11/20 23:45 | 11/24/20 13:04 | 50 |

Lab Sample ID: LCS 500-573409/22-A
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573409

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1,1,1,2-Tetrachloroethane | 2500 | 2700 | | ug/Kg | | 108 | 70 - 125 |
| 1,1,1-Trichloroethane | 2500 | 2670 | | ug/Kg | | 107 | 70 - 125 |
| 1,1,1,2,2-Tetrachloroethane | 2500 | 2850 | | ug/Kg | | 114 | 62 - 140 |
| 1,1,2-Trichloroethane | 2500 | 2650 | | ug/Kg | | 106 | 71 - 130 |
| 1,1-Dichloroethane | 2500 | 2930 | | ug/Kg | | 117 | 70 - 125 |
| 1,1-Dichloroethene | 2500 | 2520 | | ug/Kg | | 101 | 67 - 122 |
| 1,1-Dichloropropene | 2500 | 2770 | | ug/Kg | | 111 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 2500 | 2490 | | ug/Kg | | 99 | 51 - 145 |
| 1,2,3-Trichloropropane | 2500 | 2820 | | ug/Kg | | 113 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 2500 | 2700 | | ug/Kg | | 108 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 2500 | 2940 | | ug/Kg | | 118 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 2500 | 2130 | | ug/Kg | | 85 | 56 - 123 |
| 1,2-Dibromoethane | 2500 | 2670 | | ug/Kg | | 107 | 70 - 125 |
| 1,2-Dichlorobenzene | 2500 | 2720 | | ug/Kg | | 109 | 70 - 125 |
| 1,2-Dichloroethane | 2500 | 2670 | | ug/Kg | | 107 | 68 - 127 |
| 1,2-Dichloropropane | 2500 | 3060 | | ug/Kg | | 122 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 2500 | 2960 | | ug/Kg | | 118 | 70 - 123 |
| 1,3-Dichlorobenzene | 2500 | 2830 | | ug/Kg | | 113 | 70 - 125 |
| 1,3-Dichloropropane | 2500 | 2720 | | ug/Kg | | 109 | 62 - 136 |
| 1,4-Dichlorobenzene | 2500 | 2730 | | ug/Kg | | 109 | 70 - 120 |
| 2,2-Dichloropropane | 2500 | 2770 | | ug/Kg | | 111 | 58 - 139 |
| 2-Chlorotoluene | 2500 | 2860 | | ug/Kg | | 115 | 70 - 125 |
| 4-Chlorotoluene | 2500 | 2820 | | ug/Kg | | 113 | 68 - 124 |
| Benzene | 2500 | 2830 | | ug/Kg | | 113 | 70 - 120 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-573409/22-A
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573409

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Bromobenzene | 2500 | 2900 | | ug/Kg | | 116 | 70 - 122 |
| Bromochloromethane | 2500 | 2640 | | ug/Kg | | 106 | 65 - 122 |
| Bromodichloromethane | 2500 | 2540 | | ug/Kg | | 102 | 69 - 120 |
| Bromoform | 2500 | 2320 | | ug/Kg | | 93 | 56 - 132 |
| Bromomethane | 2500 | 2100 | | ug/Kg | | 84 | 40 - 152 |
| Carbon tetrachloride | 2500 | 2660 | | ug/Kg | | 107 | 59 - 133 |
| Chlorobenzene | 2500 | 2650 | | ug/Kg | | 106 | 70 - 120 |
| Chloroethane | 2500 | 2650 | | ug/Kg | | 106 | 48 - 136 |
| Chloroform | 2500 | 2600 | | ug/Kg | | 104 | 70 - 120 |
| Chloromethane | 2500 | 2890 | | ug/Kg | | 116 | 56 - 152 |
| cis-1,2-Dichloroethene | 2500 | 2650 | | ug/Kg | | 106 | 70 - 125 |
| cis-1,3-Dichloropropene | 2500 | 2690 | | ug/Kg | | 108 | 64 - 127 |
| Dibromochloromethane | 2500 | 2360 | | ug/Kg | | 94 | 68 - 125 |
| Dibromomethane | 2500 | 2650 | | ug/Kg | | 106 | 70 - 120 |
| Dichlorodifluoromethane | 2500 | 1570 | | ug/Kg | | 63 | 40 - 159 |
| Ethylbenzene | 2500 | 2790 | | ug/Kg | | 112 | 70 - 123 |
| Hexachlorobutadiene | 2500 | 3050 | | ug/Kg | | 122 | 51 - 150 |
| Isopropylbenzene | 2500 | 3070 | | ug/Kg | | 123 | 70 - 126 |
| Methyl tert-butyl ether | 2500 | 2600 | | ug/Kg | | 104 | 55 - 123 |
| Methylene Chloride | 2500 | 2710 | | ug/Kg | | 108 | 69 - 125 |
| Naphthalene | 2500 | 2260 | | ug/Kg | | 91 | 53 - 144 |
| n-Butylbenzene | 2500 | 2840 | | ug/Kg | | 113 | 68 - 125 |
| N-Propylbenzene | 2500 | 2900 | | ug/Kg | | 116 | 69 - 127 |
| p-Isopropyltoluene | 2500 | 2950 | | ug/Kg | | 118 | 70 - 125 |
| sec-Butylbenzene | 2500 | 2980 | | ug/Kg | | 119 | 70 - 123 |
| Styrene | 2500 | 2770 | | ug/Kg | | 111 | 70 - 120 |
| tert-Butylbenzene | 2500 | 2960 | | ug/Kg | | 118 | 70 - 121 |
| Tetrachloroethene | 2500 | 2840 | | ug/Kg | | 114 | 70 - 128 |
| Toluene | 2500 | 2760 | | ug/Kg | | 110 | 70 - 125 |
| trans-1,2-Dichloroethene | 2500 | 2550 | | ug/Kg | | 102 | 70 - 125 |
| trans-1,3-Dichloropropene | 2500 | 2540 | | ug/Kg | | 101 | 62 - 128 |
| Trichloroethene | 2500 | 2800 | | ug/Kg | | 112 | 70 - 125 |
| Trichlorofluoromethane | 2500 | 2700 | | ug/Kg | | 108 | 55 - 128 |
| Vinyl chloride | 2500 | 2670 | | ug/Kg | | 107 | 64 - 126 |
| Xylenes, Total | 5000 | 5340 | | ug/Kg | | 107 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 100 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 94 | | 75 - 120 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 |

Lab Sample ID: LB3 500-573412/21-A
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|---------------|----|-----|-------|---|----------------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <23 | | 50 | 23 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-573412/21-A
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | LB3 | LB3 | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1-Trichloroethane | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,1,2,2-Tetrachloroethane | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,1,2-Trichloroethane | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,1-Dichloroethane | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,1-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,1-Dichloropropene | <15 | | 50 | 15 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2,3-Trichlorobenzene | <23 | | 50 | 23 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2,3-Trichloropropane | <21 | | 100 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2,4-Trichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2,4-Trimethylbenzene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2-Dibromo-3-Chloropropane | <100 | | 250 | 100 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2-Dibromoethane | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2-Dichlorobenzene | <17 | | 50 | 17 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2-Dichloroethane | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,2-Dichloropropane | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,3,5-Trimethylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,3-Dichlorobenzene | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,3-Dichloropropane | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 1,4-Dichlorobenzene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 2,2-Dichloropropane | <22 | | 50 | 22 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 2-Chlorotoluene | <16 | | 50 | 16 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 4-Chlorotoluene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Benzene | <7.3 | | 13 | 7.3 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Bromobenzene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Bromochloromethane | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Bromodichloromethane | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Bromoform | <24 | | 50 | 24 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Bromomethane | <40 | | 150 | 40 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Carbon tetrachloride | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Chlorobenzene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Chloroethane | <25 | | 50 | 25 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Chloroform | <19 | | 100 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Chloromethane | <16 | | 50 | 16 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| cis-1,2-Dichloroethene | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| cis-1,3-Dichloropropene | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Dibromochloromethane | <24 | | 50 | 24 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Dibromomethane | <14 | | 50 | 14 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Dichlorodifluoromethane | <34 | | 150 | 34 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Ethylbenzene | <9.2 | | 13 | 9.2 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Hexachlorobutadiene | <22 | | 50 | 22 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Isopropyl ether | <14 | | 50 | 14 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Isopropylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Methyl tert-butyl ether | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Methylene Chloride | <82 | | 250 | 82 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Naphthalene | <17 | | 50 | 17 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| n-Butylbenzene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| N-Propylbenzene | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| p-Isopropyltoluene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| sec-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB3 500-573412/21-A
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|------------|---------------|----|-----|-------|---|----------------|----------------|---------|
| Styrene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| tert-Butylbenzene | <20 | | 50 | 20 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Tetrachloroethene | <19 | | 50 | 19 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Toluene | <7.4 | | 13 | 7.4 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| trans-1,2-Dichloroethene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| trans-1,3-Dichloropropene | <18 | | 50 | 18 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Trichloroethene | <8.2 | | 25 | 8.2 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Trichlorofluoromethane | <21 | | 50 | 21 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Vinyl chloride | <13 | | 50 | 13 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Xylenes, Total | <11 | | 25 | 11 | ug/Kg | | 11/20/20 23:45 | 11/28/20 00:40 | 50 |

| Surrogate | LB3 %Recovery | LB3 Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|---------------|---------------|----------|----------------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 95 | | 75 - 126 | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| 4-Bromofluorobenzene (Surr) | 94 | | 72 - 124 | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Dibromofluoromethane (Surr) | 89 | | 75 - 120 | 11/20/20 23:45 | 11/28/20 00:40 | 50 |
| Toluene-d8 (Surr) | 96 | | 75 - 120 | 11/20/20 23:45 | 11/28/20 00:40 | 50 |

Lab Sample ID: LCS 500-573412/22-A
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|----------|
| 1,1,1,2-Tetrachloroethane | 2500 | 2580 | | ug/Kg | | 103 | 70 - 125 |
| 1,1,1-Trichloroethane | 2500 | 2520 | | ug/Kg | | 101 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | 2500 | 2640 | | ug/Kg | | 106 | 62 - 140 |
| 1,1,2-Trichloroethane | 2500 | 2500 | | ug/Kg | | 100 | 71 - 130 |
| 1,1-Dichloroethane | 2500 | 2730 | | ug/Kg | | 109 | 70 - 125 |
| 1,1-Dichloroethene | 2500 | 2370 | | ug/Kg | | 95 | 67 - 122 |
| 1,1-Dichloropropene | 2500 | 2600 | | ug/Kg | | 104 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 2500 | 2640 | | ug/Kg | | 106 | 51 - 145 |
| 1,2,3-Trichloropropane | 2500 | 2700 | | ug/Kg | | 108 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 2500 | 2610 | | ug/Kg | | 105 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 2500 | 2750 | | ug/Kg | | 110 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 2500 | 1850 | | ug/Kg | | 74 | 56 - 123 |
| 1,2-Dibromoethane | 2500 | 2550 | | ug/Kg | | 102 | 70 - 125 |
| 1,2-Dichlorobenzene | 2500 | 2570 | | ug/Kg | | 103 | 70 - 125 |
| 1,2-Dichloroethane | 2500 | 2510 | | ug/Kg | | 100 | 68 - 127 |
| 1,2-Dichloropropane | 2500 | 2880 | | ug/Kg | | 115 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 2500 | 2760 | | ug/Kg | | 110 | 70 - 123 |
| 1,3-Dichlorobenzene | 2500 | 2650 | | ug/Kg | | 106 | 70 - 125 |
| 1,3-Dichloropropane | 2500 | 2590 | | ug/Kg | | 104 | 62 - 136 |
| 1,4-Dichlorobenzene | 2500 | 2600 | | ug/Kg | | 104 | 70 - 120 |
| 2,2-Dichloropropane | 2500 | 2640 | | ug/Kg | | 105 | 58 - 139 |
| 2-Chlorotoluene | 2500 | 2680 | | ug/Kg | | 107 | 70 - 125 |
| 4-Chlorotoluene | 2500 | 2630 | | ug/Kg | | 105 | 68 - 124 |
| Benzene | 2500 | 2670 | | ug/Kg | | 107 | 70 - 120 |
| Bromobenzene | 2500 | 2690 | | ug/Kg | | 108 | 70 - 122 |
| Bromochloromethane | 2500 | 2530 | | ug/Kg | | 101 | 65 - 122 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-573412/22-A
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| | | | | | | | |
| Bromodichloromethane | 2500 | 2400 | | ug/Kg | | 96 | 69 - 120 |
| Bromoform | 2500 | 2240 | | ug/Kg | | 89 | 56 - 132 |
| Bromomethane | 2500 | 1890 | | ug/Kg | | 76 | 40 - 152 |
| Carbon tetrachloride | 2500 | 2510 | | ug/Kg | | 101 | 59 - 133 |
| Chlorobenzene | 2500 | 2540 | | ug/Kg | | 102 | 70 - 120 |
| Chloroethane | 2500 | 2550 | | ug/Kg | | 102 | 48 - 136 |
| Chloroform | 2500 | 2430 | | ug/Kg | | 97 | 70 - 120 |
| Chloromethane | 2500 | 2590 | | ug/Kg | | 104 | 56 - 152 |
| cis-1,2-Dichloroethene | 2500 | 2520 | | ug/Kg | | 101 | 70 - 125 |
| cis-1,3-Dichloropropene | 2500 | 2500 | | ug/Kg | | 100 | 64 - 127 |
| Dibromochloromethane | 2500 | 2290 | | ug/Kg | | 92 | 68 - 125 |
| Dibromomethane | 2500 | 2540 | | ug/Kg | | 102 | 70 - 120 |
| Dichlorodifluoromethane | 2500 | 1400 | | ug/Kg | | 56 | 40 - 159 |
| Ethylbenzene | 2500 | 2660 | | ug/Kg | | 106 | 70 - 123 |
| Hexachlorobutadiene | 2500 | 2830 | | ug/Kg | | 113 | 51 - 150 |
| Isopropylbenzene | 2500 | 2880 | | ug/Kg | | 115 | 70 - 126 |
| Methyl tert-butyl ether | 2500 | 2430 | | ug/Kg | | 97 | 55 - 123 |
| Methylene Chloride | 2500 | 2570 | | ug/Kg | | 103 | 69 - 125 |
| Naphthalene | 2500 | 2270 | | ug/Kg | | 91 | 53 - 144 |
| n-Butylbenzene | 2500 | 2640 | | ug/Kg | | 106 | 68 - 125 |
| N-Propylbenzene | 2500 | 2710 | | ug/Kg | | 109 | 69 - 127 |
| p-Isopropyltoluene | 2500 | 2730 | | ug/Kg | | 109 | 70 - 125 |
| sec-Butylbenzene | 2500 | 2770 | | ug/Kg | | 111 | 70 - 123 |
| Styrene | 2500 | 2650 | | ug/Kg | | 106 | 70 - 120 |
| tert-Butylbenzene | 2500 | 2760 | | ug/Kg | | 111 | 70 - 121 |
| Tetrachloroethene | 2500 | 2690 | | ug/Kg | | 108 | 70 - 128 |
| Toluene | 2500 | 2630 | | ug/Kg | | 105 | 70 - 125 |
| trans-1,2-Dichloroethene | 2500 | 2440 | | ug/Kg | | 98 | 70 - 125 |
| trans-1,3-Dichloropropene | 2500 | 2360 | | ug/Kg | | 94 | 62 - 128 |
| Trichloroethene | 2500 | 2680 | | ug/Kg | | 107 | 70 - 125 |
| Trichlorofluoromethane | 2500 | 2520 | | ug/Kg | | 101 | 55 - 128 |
| Vinyl chloride | 2500 | 2460 | | ug/Kg | | 98 | 64 - 126 |
| Xylenes, Total | 5000 | 5070 | | ug/Kg | | 101 | 70 - 125 |

| Surrogate | LCS LCS | | Limits |
|------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 95 | | 75 - 120 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 |

Lab Sample ID: 500-191460-19 MS
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: TW-7 2-4
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|--------------|
| | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <27 | | 3520 | 3440 | | ug/Kg | ✱ | 98 | 70 - 125 |
| 1,1,1-Trichloroethane | <22 | | 3520 | 3450 | | ug/Kg | ✱ | 98 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | <23 | | 3520 | 3710 | | ug/Kg | ✱ | 105 | 62 - 140 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191460-19 MS

Matrix: Solid

Analysis Batch: 574288

Client Sample ID: TW-7 2-4

Prep Type: Total/NA

Prep Batch: 573412

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|-----------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| 1,1,2-Trichloroethane | <21 | | 3520 | 3460 | | ug/Kg | * | 98 | 71 - 130 |
| 1,1-Dichloroethane | <24 | | 3520 | 3810 | | ug/Kg | * | 108 | 70 - 125 |
| 1,1-Dichloroethene | <23 | | 3520 | 3460 | | ug/Kg | * | 98 | 67 - 122 |
| 1,1-Dichloropropene | <18 | | 3520 | 3620 | | ug/Kg | * | 103 | 70 - 121 |
| 1,2,3-Trichlorobenzene | <27 | | 3520 | 3240 | | ug/Kg | * | 92 | 51 - 145 |
| 1,2,3-Trichloropropane | <24 | | 3520 | 3700 | | ug/Kg | * | 105 | 50 - 133 |
| 1,2,4-Trichlorobenzene | <20 | | 3520 | 3420 | | ug/Kg | * | 97 | 57 - 137 |
| 1,2,4-Trimethylbenzene | <21 | | 3520 | 3750 | | ug/Kg | * | 106 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | <120 | | 3520 | 2470 | | ug/Kg | * | 70 | 56 - 123 |
| 1,2-Dibromoethane | <23 | | 3520 | 3550 | | ug/Kg | * | 101 | 70 - 125 |
| 1,2-Dichlorobenzene | <20 | | 3520 | 3520 | | ug/Kg | * | 100 | 70 - 125 |
| 1,2-Dichloroethane | <23 | | 3520 | 3560 | | ug/Kg | * | 101 | 68 - 127 |
| 1,2-Dichloropropane | <25 | | 3520 | 3970 | | ug/Kg | * | 113 | 67 - 130 |
| 1,3,5-Trimethylbenzene | <22 | | 3520 | 3790 | | ug/Kg | * | 108 | 70 - 123 |
| 1,3-Dichlorobenzene | <24 | | 3520 | 3640 | | ug/Kg | * | 103 | 70 - 125 |
| 1,3-Dichloropropane | <21 | | 3520 | 3650 | | ug/Kg | * | 104 | 62 - 136 |
| 1,4-Dichlorobenzene | <21 | | 3520 | 3530 | | ug/Kg | * | 100 | 70 - 120 |
| 2,2-Dichloropropane | <26 | | 3520 | 3620 | | ug/Kg | * | 103 | 58 - 139 |
| 2-Chlorotoluene | <18 | | 3520 | 3660 | | ug/Kg | * | 104 | 70 - 125 |
| 4-Chlorotoluene | <21 | | 3520 | 3620 | | ug/Kg | * | 103 | 68 - 124 |
| Benzene | <8.6 | | 3520 | 3670 | | ug/Kg | * | 104 | 70 - 120 |
| Bromobenzene | <21 | | 3520 | 3750 | | ug/Kg | * | 106 | 70 - 122 |
| Bromochloromethane | <25 | | 3520 | 3610 | | ug/Kg | * | 103 | 65 - 122 |
| Bromodichloromethane | <22 | | 3520 | 3240 | | ug/Kg | * | 92 | 69 - 120 |
| Bromoform | <28 | | 3520 | 2910 | | ug/Kg | * | 82 | 56 - 132 |
| Bromomethane | <47 | | 3520 | 2290 | | ug/Kg | * | 65 | 40 - 152 |
| Carbon tetrachloride | <23 | | 3520 | 3420 | | ug/Kg | * | 97 | 59 - 133 |
| Chlorobenzene | <23 | | 3520 | 3460 | | ug/Kg | * | 98 | 70 - 120 |
| Chloroethane | <30 | | 3520 | 1980 | | ug/Kg | * | 56 | 48 - 136 |
| Chloroform | <22 | | 3520 | 3350 | | ug/Kg | * | 95 | 70 - 120 |
| Chloromethane | <19 | | 3520 | 3880 | | ug/Kg | * | 110 | 56 - 152 |
| cis-1,2-Dichloroethene | <24 | | 3520 | 3460 | | ug/Kg | * | 98 | 70 - 125 |
| cis-1,3-Dichloropropene | <24 | | 3520 | 3440 | | ug/Kg | * | 98 | 64 - 127 |
| Dibromochloromethane | <29 | | 3520 | 3070 | | ug/Kg | * | 87 | 68 - 125 |
| Dibromomethane | <16 | | 3520 | 3520 | | ug/Kg | * | 100 | 70 - 120 |
| Dichlorodifluoromethane | <40 | | 3520 | 3270 | | ug/Kg | * | 93 | 40 - 159 |
| Ethylbenzene | <11 | | 3520 | 3620 | | ug/Kg | * | 103 | 70 - 123 |
| Hexachlorobutadiene | <26 | | 3520 | 3960 | | ug/Kg | * | 113 | 51 - 150 |
| Isopropylbenzene | <23 | | 3520 | 3940 | | ug/Kg | * | 112 | 70 - 126 |
| Methyl tert-butyl ether | <23 | | 3520 | 3370 | | ug/Kg | * | 96 | 55 - 123 |
| Methylene Chloride | <96 | | 3520 | 3570 | | ug/Kg | * | 101 | 69 - 125 |
| Naphthalene | 78 | | 3520 | 3000 | | ug/Kg | * | 82 | 53 - 144 |
| n-Butylbenzene | <23 | | 3520 | 3570 | | ug/Kg | * | 101 | 68 - 125 |
| N-Propylbenzene | <24 | | 3520 | 3740 | | ug/Kg | * | 106 | 69 - 127 |
| p-Isopropyltoluene | <21 | | 3520 | 3740 | | ug/Kg | * | 106 | 70 - 125 |
| sec-Butylbenzene | <23 | | 3520 | 3800 | | ug/Kg | * | 108 | 70 - 123 |
| Styrene | <23 | | 3520 | 3570 | | ug/Kg | * | 101 | 70 - 120 |
| tert-Butylbenzene | <23 | | 3520 | 3830 | | ug/Kg | * | 109 | 70 - 121 |
| Tetrachloroethene | <22 | | 3520 | 3670 | | ug/Kg | * | 104 | 70 - 128 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191460-19 MS

Matrix: Solid

Analysis Batch: 574288

Client Sample ID: TW-7 2-4

Prep Type: Total/NA

Prep Batch: 573412

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| Toluene | 9.9 | J | 3520 | 3660 | | ug/Kg | ⊛ | 103 | 70 - 125 | |
| trans-1,2-Dichloroethene | <21 | | 3520 | 3450 | | ug/Kg | ⊛ | 98 | 70 - 125 | |
| trans-1,3-Dichloropropene | <21 | | 3520 | 3220 | | ug/Kg | ⊛ | 91 | 62 - 128 | |
| Trichloroethene | <9.6 | | 3520 | 3660 | | ug/Kg | ⊛ | 104 | 70 - 125 | |
| Trichlorofluoromethane | <25 | | 3520 | 2770 | | ug/Kg | ⊛ | 79 | 55 - 128 | |
| Vinyl chloride | <15 | | 3520 | 3350 | | ug/Kg | ⊛ | 95 | 64 - 126 | |
| Xylenes, Total | 14 | J | 7050 | 6890 | | ug/Kg | ⊛ | 98 | 70 - 125 | |
| MS MS | | | | | | | | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 | | | | | | | |
| 4-Bromofluorobenzene (Surr) | 99 | | 72 - 124 | | | | | | | |
| Dibromofluoromethane (Surr) | 93 | | 75 - 120 | | | | | | | |
| Toluene-d8 (Surr) | 99 | | 75 - 120 | | | | | | | |

Lab Sample ID: 500-191460-19 MSD

Matrix: Solid

Analysis Batch: 574288

Client Sample ID: TW-7 2-4

Prep Type: Total/NA

Prep Batch: 573412

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | Limit |
|-----------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <27 | | 3520 | 3340 | | ug/Kg | ⊛ | 95 | 70 - 125 | 3 | 30 | |
| 1,1,1-Trichloroethane | <22 | | 3520 | 3470 | | ug/Kg | ⊛ | 99 | 70 - 125 | 1 | 30 | |
| 1,1,1,2-Tetrachloroethane | <23 | | 3520 | 3770 | | ug/Kg | ⊛ | 107 | 62 - 140 | 2 | 30 | |
| 1,1,2-Trichloroethane | <21 | | 3520 | 3350 | | ug/Kg | ⊛ | 95 | 71 - 130 | 3 | 30 | |
| 1,1-Dichloroethane | <24 | | 3520 | 3760 | | ug/Kg | ⊛ | 107 | 70 - 125 | 1 | 30 | |
| 1,1-Dichloroethene | <23 | | 3520 | 3430 | | ug/Kg | ⊛ | 97 | 67 - 122 | 1 | 30 | |
| 1,1-Dichloropropene | <18 | | 3520 | 3580 | | ug/Kg | ⊛ | 102 | 70 - 121 | 1 | 30 | |
| 1,2,3-Trichlorobenzene | <27 | | 3520 | 3720 | | ug/Kg | ⊛ | 105 | 51 - 145 | 14 | 30 | |
| 1,2,3-Trichloropropane | <24 | | 3520 | 3850 | | ug/Kg | ⊛ | 109 | 50 - 133 | 4 | 30 | |
| 1,2,4-Trichlorobenzene | <20 | | 3520 | 3270 | | ug/Kg | ⊛ | 93 | 57 - 137 | 4 | 30 | |
| 1,2,4-Trimethylbenzene | <21 | | 3520 | 3620 | | ug/Kg | ⊛ | 103 | 70 - 123 | 4 | 30 | |
| 1,2-Dibromo-3-Chloropropane | <120 | | 3520 | 2810 | | ug/Kg | ⊛ | 80 | 56 - 123 | 13 | 30 | |
| 1,2-Dibromoethane | <23 | | 3520 | 3520 | | ug/Kg | ⊛ | 100 | 70 - 125 | 1 | 30 | |
| 1,2-Dichlorobenzene | <20 | | 3520 | 3420 | | ug/Kg | ⊛ | 97 | 70 - 125 | 3 | 30 | |
| 1,2-Dichloroethane | <23 | | 3520 | 3440 | | ug/Kg | ⊛ | 98 | 68 - 127 | 3 | 30 | |
| 1,2-Dichloropropane | <25 | | 3520 | 3900 | | ug/Kg | ⊛ | 111 | 67 - 130 | 2 | 30 | |
| 1,3,5-Trimethylbenzene | <22 | | 3520 | 3700 | | ug/Kg | ⊛ | 105 | 70 - 123 | 3 | 30 | |
| 1,3-Dichlorobenzene | <24 | | 3520 | 3460 | | ug/Kg | ⊛ | 98 | 70 - 125 | 5 | 30 | |
| 1,3-Dichloropropane | <21 | | 3520 | 3500 | | ug/Kg | ⊛ | 99 | 62 - 136 | 4 | 30 | |
| 1,4-Dichlorobenzene | <21 | | 3520 | 3370 | | ug/Kg | ⊛ | 96 | 70 - 120 | 5 | 30 | |
| 2,2-Dichloropropane | <26 | | 3520 | 3610 | | ug/Kg | ⊛ | 103 | 58 - 139 | 0 | 30 | |
| 2-Chlorotoluene | <18 | | 3520 | 3620 | | ug/Kg | ⊛ | 103 | 70 - 125 | 1 | 30 | |
| 4-Chlorotoluene | <21 | | 3520 | 3510 | | ug/Kg | ⊛ | 100 | 68 - 124 | 3 | 30 | |
| Benzene | <8.6 | | 3520 | 3640 | | ug/Kg | ⊛ | 103 | 70 - 120 | 1 | 30 | |
| Bromobenzene | <21 | | 3520 | 3710 | | ug/Kg | ⊛ | 105 | 70 - 122 | 1 | 30 | |
| Bromochloromethane | <25 | | 3520 | 3550 | | ug/Kg | ⊛ | 101 | 65 - 122 | 2 | 30 | |
| Bromodichloromethane | <22 | | 3520 | 3200 | | ug/Kg | ⊛ | 91 | 69 - 120 | 1 | 30 | |
| Bromoform | <28 | | 3520 | 2900 | | ug/Kg | ⊛ | 82 | 56 - 132 | 0 | 30 | |
| Bromomethane | <47 | | 3520 | 2530 | | ug/Kg | ⊛ | 72 | 40 - 152 | 10 | 30 | |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191460-19 MSD
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: TW-7 2-4
Prep Type: Total/NA
Prep Batch: 573412

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | RPD | RPD |
|---------------------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | Limits | | Limit |
| Carbon tetrachloride | <23 | | 3520 | 3410 | | ug/Kg | ✱ | 97 | 59 - 133 | 0 | 30 |
| Chlorobenzene | <23 | | 3520 | 3310 | | ug/Kg | ✱ | 94 | 70 - 120 | 4 | 30 |
| Chloroethane | <30 | | 3520 | 2330 | | ug/Kg | ✱ | 66 | 48 - 136 | 16 | 30 |
| Chloroform | <22 | | 3520 | 3350 | | ug/Kg | ✱ | 95 | 70 - 120 | 0 | 30 |
| Chloromethane | <19 | | 3520 | 4280 | | ug/Kg | ✱ | 122 | 56 - 152 | 10 | 30 |
| cis-1,2-Dichloroethene | <24 | | 3520 | 3460 | | ug/Kg | ✱ | 98 | 70 - 125 | 0 | 30 |
| cis-1,3-Dichloropropene | <24 | | 3520 | 3320 | | ug/Kg | ✱ | 94 | 64 - 127 | 3 | 30 |
| Dibromochloromethane | <29 | | 3520 | 2990 | | ug/Kg | ✱ | 85 | 68 - 125 | 3 | 30 |
| Dibromomethane | <16 | | 3520 | 3410 | | ug/Kg | ✱ | 97 | 70 - 120 | 3 | 30 |
| Dichlorodifluoromethane | <40 | | 3520 | 3690 | | ug/Kg | ✱ | 105 | 40 - 159 | 12 | 30 |
| Ethylbenzene | <11 | | 3520 | 3470 | | ug/Kg | ✱ | 98 | 70 - 123 | 4 | 30 |
| Hexachlorobutadiene | <26 | | 3520 | 3700 | | ug/Kg | ✱ | 105 | 51 - 150 | 7 | 30 |
| Isopropylbenzene | <23 | | 3520 | 3920 | | ug/Kg | ✱ | 111 | 70 - 126 | 0 | 30 |
| Methyl tert-butyl ether | <23 | | 3520 | 3370 | | ug/Kg | ✱ | 96 | 55 - 123 | 0 | 30 |
| Methylene Chloride | <96 | | 3520 | 3540 | | ug/Kg | ✱ | 100 | 69 - 125 | 1 | 30 |
| Naphthalene | 78 | | 3520 | 3370 | | ug/Kg | ✱ | 93 | 53 - 144 | 12 | 30 |
| n-Butylbenzene | <23 | | 3520 | 3310 | | ug/Kg | ✱ | 94 | 68 - 125 | 8 | 30 |
| N-Propylbenzene | <24 | | 3520 | 3620 | | ug/Kg | ✱ | 103 | 69 - 127 | 3 | 30 |
| p-Isopropyltoluene | <21 | | 3520 | 3570 | | ug/Kg | ✱ | 101 | 70 - 125 | 5 | 30 |
| sec-Butylbenzene | <23 | | 3520 | 3730 | | ug/Kg | ✱ | 106 | 70 - 123 | 2 | 30 |
| Styrene | <23 | | 3520 | 3440 | | ug/Kg | ✱ | 98 | 70 - 120 | 4 | 30 |
| tert-Butylbenzene | <23 | | 3520 | 3830 | | ug/Kg | ✱ | 109 | 70 - 121 | 0 | 30 |
| Tetrachloroethene | <22 | | 3520 | 3420 | | ug/Kg | ✱ | 97 | 70 - 128 | 7 | 30 |
| Toluene | 9.9 J | | 3520 | 3450 | | ug/Kg | ✱ | 98 | 70 - 125 | 6 | 30 |
| trans-1,2-Dichloroethene | <21 | | 3520 | 3410 | | ug/Kg | ✱ | 97 | 70 - 125 | 1 | 30 |
| trans-1,3-Dichloropropene | <21 | | 3520 | 3130 | | ug/Kg | ✱ | 89 | 62 - 128 | 3 | 30 |
| Trichloroethene | <9.6 | | 3520 | 3600 | | ug/Kg | ✱ | 102 | 70 - 125 | 2 | 30 |
| Trichlorofluoromethane | <25 | | 3520 | 3150 | | ug/Kg | ✱ | 89 | 55 - 128 | 13 | 30 |
| Vinyl chloride | <15 | | 3520 | 3770 | | ug/Kg | ✱ | 107 | 64 - 126 | 12 | 30 |
| Xylenes, Total | 14 J | | 7050 | 6610 | | ug/Kg | ✱ | 94 | 70 - 125 | 4 | 30 |

| Surrogate | MSD | MSD | Limits |
|------------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 102 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 96 | | 75 - 120 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 |

Lab Sample ID: MB 500-573726/7
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|-----|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-573726/7
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,3,5-Trimethylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/Kg | | | 11/24/20 12:13 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Benzene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Chloroethane | <0.50 | | 1.0 | 0.50 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/Kg | | | 11/24/20 12:13 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/24/20 12:13 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Ethylbenzene | <0.18 | | 0.25 | 0.18 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Isopropylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Naphthalene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 11/24/20 12:13 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/24/20 12:13 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/24/20 12:13 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Toluene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 11/24/20 12:13 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/24/20 12:13 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-573726/7
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Vinyl chloride | <0.26 | | 1.0 | 0.26 | ug/Kg | | | 11/24/20 12:13 | 1 |
| Xylenes, Total | <0.22 | | 0.50 | 0.22 | ug/Kg | | | 11/24/20 12:13 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|-----------|-----------|----------|----------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 1,2-Dichloroethane-d4 (Surr) | 98 | | 75 - 126 | | 11/24/20 12:13 | 1 |
| 4-Bromofluorobenzene (Surr) | 97 | | 72 - 124 | | 11/24/20 12:13 | 1 |
| Dibromofluoromethane (Surr) | 93 | | 75 - 120 | | 11/24/20 12:13 | 1 |
| Toluene-d8 (Surr) | 96 | | 75 - 120 | | 11/24/20 12:13 | 1 |

Lab Sample ID: LCS 500-573726/5
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec. |
|-----------------------------|-------------|--------|-----------|-------|---|------|----------|
| | | Result | Qualifier | | | | Limits |
| 1,1,1,2-Tetrachloroethane | 50.0 | 44.6 | | ug/Kg | | 89 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 46.0 | | ug/Kg | | 92 | 70 - 125 |
| 1,1,1,2-Tetrachloroethane | 50.0 | 46.4 | | ug/Kg | | 93 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 43.8 | | ug/Kg | | 88 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 49.7 | | ug/Kg | | 99 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 46.3 | | ug/Kg | | 93 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 48.8 | | ug/Kg | | 98 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 47.3 | | ug/Kg | | 95 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 45.6 | | ug/Kg | | 91 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.9 | | ug/Kg | | 98 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 48.1 | | ug/Kg | | 96 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 36.7 | | ug/Kg | | 73 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 44.9 | | ug/Kg | | 90 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 44.4 | | ug/Kg | | 89 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 44.7 | | ug/Kg | | 89 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 50.7 | | ug/Kg | | 101 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 48.4 | | ug/Kg | | 97 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 46.4 | | ug/Kg | | 93 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 45.3 | | ug/Kg | | 91 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 45.2 | | ug/Kg | | 90 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 50.5 | | ug/Kg | | 101 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 46.6 | | ug/Kg | | 93 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 46.3 | | ug/Kg | | 93 | 68 - 124 |
| Benzene | 50.0 | 47.8 | | ug/Kg | | 96 | 70 - 120 |
| Bromobenzene | 50.0 | 46.9 | | ug/Kg | | 94 | 70 - 122 |
| Bromochloromethane | 50.0 | 45.9 | | ug/Kg | | 92 | 65 - 122 |
| Bromodichloromethane | 50.0 | 42.8 | | ug/Kg | | 86 | 69 - 120 |
| Bromoform | 50.0 | 39.8 | | ug/Kg | | 80 | 56 - 132 |
| Bromomethane | 50.0 | 48.6 | | ug/Kg | | 97 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 47.2 | | ug/Kg | | 94 | 59 - 133 |
| Chlorobenzene | 50.0 | 44.4 | | ug/Kg | | 89 | 70 - 120 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-573726/5
Matrix: Solid
Analysis Batch: 573726

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Chloroethane | 50.0 | 49.2 | | ug/Kg | | 98 | 48 - 136 |
| Chloroform | 50.0 | 43.8 | | ug/Kg | | 88 | 70 - 120 |
| Chloromethane | 50.0 | 57.5 | | ug/Kg | | 115 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 44.8 | | ug/Kg | | 90 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 44.1 | | ug/Kg | | 88 | 64 - 127 |
| Dibromochloromethane | 50.0 | 40.3 | | ug/Kg | | 81 | 68 - 125 |
| Dibromomethane | 50.0 | 44.9 | | ug/Kg | | 90 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 54.2 | | ug/Kg | | 108 | 40 - 159 |
| Ethylbenzene | 50.0 | 47.3 | | ug/Kg | | 95 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 51.1 | | ug/Kg | | 102 | 51 - 150 |
| Isopropylbenzene | 50.0 | 50.2 | | ug/Kg | | 100 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 42.9 | | ug/Kg | | 86 | 55 - 123 |
| Methylene Chloride | 50.0 | 46.0 | | ug/Kg | | 92 | 69 - 125 |
| Naphthalene | 50.0 | 42.5 | | ug/Kg | | 85 | 53 - 144 |
| n-Butylbenzene | 50.0 | 48.0 | | ug/Kg | | 96 | 68 - 125 |
| N-Propylbenzene | 50.0 | 48.7 | | ug/Kg | | 97 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 48.4 | | ug/Kg | | 97 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 48.8 | | ug/Kg | | 98 | 70 - 123 |
| Styrene | 50.0 | 45.6 | | ug/Kg | | 91 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 48.6 | | ug/Kg | | 97 | 70 - 121 |
| Tetrachloroethene | 50.0 | 48.9 | | ug/Kg | | 98 | 70 - 128 |
| Toluene | 50.0 | 46.8 | | ug/Kg | | 94 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 46.1 | | ug/Kg | | 92 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 42.0 | | ug/Kg | | 84 | 62 - 128 |
| Trichloroethene | 50.0 | 48.3 | | ug/Kg | | 97 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 44.7 | | ug/Kg | | 89 | 55 - 128 |
| Vinyl chloride | 50.0 | 50.7 | | ug/Kg | | 101 | 64 - 126 |
| Xylenes, Total | 100 | 89.4 | | ug/Kg | | 89 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 96 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 94 | | 75 - 120 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 |

Lab Sample ID: MB 500-574288/8
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|--------------|-----|------|-------|---|----------|----------------|---------|
| 1,1,1,2-Tetrachloroethane | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1,1-Trichloroethane | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1,1,2,2-Tetrachloroethane | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1,2-Trichloroethane | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1-Dichloroethane | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1-Dichloroethene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,1-Dichloropropene | <0.30 | | 1.0 | 0.30 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2,3-Trichlorobenzene | <0.46 | | 1.0 | 0.46 | ug/Kg | | | 11/28/20 00:15 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
 Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574288/8
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------|-----------|------|------|-------|---|----------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| 1,2,3-Trichloropropane | <0.41 | | 2.0 | 0.41 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2,4-Trichlorobenzene | <0.34 | | 1.0 | 0.34 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2,4-Trimethylbenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2-Dibromo-3-Chloropropane | <2.0 | | 5.0 | 2.0 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2-Dibromoethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2-Dichlorobenzene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2-Dichloroethane | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,2-Dichloropropane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,3,5-Trimethylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,3-Dichlorobenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,3-Dichloropropane | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 1,4-Dichlorobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 2,2-Dichloropropane | <0.44 | | 1.0 | 0.44 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 2-Chlorotoluene | <0.31 | | 1.0 | 0.31 | ug/Kg | | | 11/28/20 00:15 | 1 |
| 4-Chlorotoluene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Benzene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Bromobenzene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Bromochloromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Bromodichloromethane | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Bromoform | <0.48 | | 1.0 | 0.48 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Bromomethane | <0.80 | | 3.0 | 0.80 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Carbon tetrachloride | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Chlorobenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Chloroethane | <0.50 | | 1.0 | 0.50 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Chloroform | <0.37 | | 2.0 | 0.37 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Chloromethane | <0.32 | | 1.0 | 0.32 | ug/Kg | | | 11/28/20 00:15 | 1 |
| cis-1,2-Dichloroethene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/28/20 00:15 | 1 |
| cis-1,3-Dichloropropene | <0.42 | | 1.0 | 0.42 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Dibromochloromethane | <0.49 | | 1.0 | 0.49 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Dibromomethane | <0.27 | | 1.0 | 0.27 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Dichlorodifluoromethane | <0.67 | | 3.0 | 0.67 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Ethylbenzene | <0.18 | | 0.25 | 0.18 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Hexachlorobutadiene | <0.45 | | 1.0 | 0.45 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Isopropyl ether | <0.28 | | 1.0 | 0.28 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Isopropylbenzene | <0.38 | | 1.0 | 0.38 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Methyl tert-butyl ether | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Methylene Chloride | <1.6 | | 5.0 | 1.6 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Naphthalene | <0.33 | | 1.0 | 0.33 | ug/Kg | | | 11/28/20 00:15 | 1 |
| n-Butylbenzene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| N-Propylbenzene | <0.41 | | 1.0 | 0.41 | ug/Kg | | | 11/28/20 00:15 | 1 |
| p-Isopropyltoluene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| sec-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Styrene | <0.39 | | 1.0 | 0.39 | ug/Kg | | | 11/28/20 00:15 | 1 |
| tert-Butylbenzene | <0.40 | | 1.0 | 0.40 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Tetrachloroethene | <0.37 | | 1.0 | 0.37 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Toluene | <0.15 | | 0.25 | 0.15 | ug/Kg | | | 11/28/20 00:15 | 1 |
| trans-1,2-Dichloroethene | <0.35 | | 1.0 | 0.35 | ug/Kg | | | 11/28/20 00:15 | 1 |
| trans-1,3-Dichloropropene | <0.36 | | 1.0 | 0.36 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Trichloroethene | <0.16 | | 0.50 | 0.16 | ug/Kg | | | 11/28/20 00:15 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-574288/8
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Method Blank
Prep Type: Total/NA

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|--------------|------|------|-------|---|----------|----------------|---------|
| Trichlorofluoromethane | <0.43 | | 1.0 | 0.43 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Vinyl chloride | <0.26 | | 1.0 | 0.26 | ug/Kg | | | 11/28/20 00:15 | 1 |
| Xylenes, Total | <0.22 | | 0.50 | 0.22 | ug/Kg | | | 11/28/20 00:15 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------------|--------------|--------------|----------|----------|----------------|---------|
| 1,2-Dichloroethane-d4 (Surr) | 96 | | 75 - 126 | | 11/28/20 00:15 | 1 |
| 4-Bromofluorobenzene (Surr) | 98 | | 72 - 124 | | 11/28/20 00:15 | 1 |
| Dibromofluoromethane (Surr) | 93 | | 75 - 120 | | 11/28/20 00:15 | 1 |
| Toluene-d8 (Surr) | 97 | | 75 - 120 | | 11/28/20 00:15 | 1 |

Lab Sample ID: LCS 500-574288/4
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|-----------------------------|-------------|------------|---------------|-------|---|------|--------------|
| 1,1,1,2-Tetrachloroethane | 50.0 | 51.3 | | ug/Kg | | 103 | 70 - 125 |
| 1,1,1-Trichloroethane | 50.0 | 51.1 | | ug/Kg | | 102 | 70 - 125 |
| 1,1,2,2-Tetrachloroethane | 50.0 | 55.4 | | ug/Kg | | 111 | 62 - 140 |
| 1,1,2-Trichloroethane | 50.0 | 51.4 | | ug/Kg | | 103 | 71 - 130 |
| 1,1-Dichloroethane | 50.0 | 55.8 | | ug/Kg | | 112 | 70 - 125 |
| 1,1-Dichloroethene | 50.0 | 51.2 | | ug/Kg | | 102 | 67 - 122 |
| 1,1-Dichloropropene | 50.0 | 52.3 | | ug/Kg | | 105 | 70 - 121 |
| 1,2,3-Trichlorobenzene | 50.0 | 49.4 | | ug/Kg | | 99 | 51 - 145 |
| 1,2,3-Trichloropropane | 50.0 | 56.3 | | ug/Kg | | 113 | 50 - 133 |
| 1,2,4-Trichlorobenzene | 50.0 | 48.7 | | ug/Kg | | 97 | 57 - 137 |
| 1,2,4-Trimethylbenzene | 50.0 | 54.9 | | ug/Kg | | 110 | 70 - 123 |
| 1,2-Dibromo-3-Chloropropane | 50.0 | 40.8 | | ug/Kg | | 82 | 56 - 123 |
| 1,2-Dibromoethane | 50.0 | 51.8 | | ug/Kg | | 104 | 70 - 125 |
| 1,2-Dichlorobenzene | 50.0 | 51.7 | | ug/Kg | | 103 | 70 - 125 |
| 1,2-Dichloroethane | 50.0 | 50.6 | | ug/Kg | | 101 | 68 - 127 |
| 1,2-Dichloropropane | 50.0 | 58.5 | | ug/Kg | | 117 | 67 - 130 |
| 1,3,5-Trimethylbenzene | 50.0 | 55.3 | | ug/Kg | | 111 | 70 - 123 |
| 1,3-Dichlorobenzene | 50.0 | 52.4 | | ug/Kg | | 105 | 70 - 125 |
| 1,3-Dichloropropane | 50.0 | 52.4 | | ug/Kg | | 105 | 62 - 136 |
| 1,4-Dichlorobenzene | 50.0 | 51.1 | | ug/Kg | | 102 | 70 - 120 |
| 2,2-Dichloropropane | 50.0 | 53.5 | | ug/Kg | | 107 | 58 - 139 |
| 2-Chlorotoluene | 50.0 | 53.6 | | ug/Kg | | 107 | 70 - 125 |
| 4-Chlorotoluene | 50.0 | 52.8 | | ug/Kg | | 106 | 68 - 124 |
| Benzene | 50.0 | 53.8 | | ug/Kg | | 108 | 70 - 120 |
| Bromobenzene | 50.0 | 54.7 | | ug/Kg | | 109 | 70 - 122 |
| Bromochloromethane | 50.0 | 52.9 | | ug/Kg | | 106 | 65 - 122 |
| Bromodichloromethane | 50.0 | 49.3 | | ug/Kg | | 99 | 69 - 120 |
| Bromoform | 50.0 | 46.0 | | ug/Kg | | 92 | 56 - 132 |
| Bromomethane | 50.0 | 50.2 | | ug/Kg | | 100 | 40 - 152 |
| Carbon tetrachloride | 50.0 | 51.4 | | ug/Kg | | 103 | 59 - 133 |
| Chlorobenzene | 50.0 | 49.7 | | ug/Kg | | 99 | 70 - 120 |
| Chloroethane | 50.0 | 50.8 | | ug/Kg | | 102 | 48 - 136 |
| Chloroform | 50.0 | 49.4 | | ug/Kg | | 99 | 70 - 120 |

Euofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-574288/4
Matrix: Solid
Analysis Batch: 574288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. Limits |
|---------------------------|-------------|------------|---------------|-------|---|------|--------------|
| Chloromethane | 50.0 | 58.3 | | ug/Kg | | 117 | 56 - 152 |
| cis-1,2-Dichloroethene | 50.0 | 51.0 | | ug/Kg | | 102 | 70 - 125 |
| cis-1,3-Dichloropropene | 50.0 | 50.9 | | ug/Kg | | 102 | 64 - 127 |
| Dibromochloromethane | 50.0 | 46.8 | | ug/Kg | | 94 | 68 - 125 |
| Dibromomethane | 50.0 | 51.9 | | ug/Kg | | 104 | 70 - 120 |
| Dichlorodifluoromethane | 50.0 | 49.8 | | ug/Kg | | 100 | 40 - 159 |
| Ethylbenzene | 50.0 | 51.6 | | ug/Kg | | 103 | 70 - 123 |
| Hexachlorobutadiene | 50.0 | 57.4 | | ug/Kg | | 115 | 51 - 150 |
| Isopropylbenzene | 50.0 | 58.6 | | ug/Kg | | 117 | 70 - 126 |
| Methyl tert-butyl ether | 50.0 | 49.3 | | ug/Kg | | 99 | 55 - 123 |
| Methylene Chloride | 50.0 | 53.6 | | ug/Kg | | 107 | 69 - 125 |
| Naphthalene | 50.0 | 46.6 | | ug/Kg | | 93 | 53 - 144 |
| n-Butylbenzene | 50.0 | 50.7 | | ug/Kg | | 101 | 68 - 125 |
| N-Propylbenzene | 50.0 | 54.5 | | ug/Kg | | 109 | 69 - 127 |
| p-Isopropyltoluene | 50.0 | 53.8 | | ug/Kg | | 108 | 70 - 125 |
| sec-Butylbenzene | 50.0 | 55.7 | | ug/Kg | | 111 | 70 - 123 |
| Styrene | 50.0 | 51.0 | | ug/Kg | | 102 | 70 - 120 |
| tert-Butylbenzene | 50.0 | 56.3 | | ug/Kg | | 113 | 70 - 121 |
| Tetrachloroethene | 50.0 | 52.7 | | ug/Kg | | 105 | 70 - 128 |
| Toluene | 50.0 | 52.0 | | ug/Kg | | 104 | 70 - 125 |
| trans-1,2-Dichloroethene | 50.0 | 50.6 | | ug/Kg | | 101 | 70 - 125 |
| trans-1,3-Dichloropropene | 50.0 | 47.7 | | ug/Kg | | 95 | 62 - 128 |
| Trichloroethene | 50.0 | 53.8 | | ug/Kg | | 108 | 70 - 125 |
| Trichlorofluoromethane | 50.0 | 44.5 | | ug/Kg | | 89 | 55 - 128 |
| Vinyl chloride | 50.0 | 50.3 | | ug/Kg | | 101 | 64 - 126 |
| Xylenes, Total | 100 | 98.0 | | ug/Kg | | 98 | 70 - 125 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|------------------------------|---------------|---------------|----------|
| 1,2-Dichloroethane-d4 (Surr) | 99 | | 75 - 126 |
| 4-Bromofluorobenzene (Surr) | 101 | | 72 - 124 |
| Dibromofluoromethane (Surr) | 95 | | 75 - 120 |
| Toluene-d8 (Surr) | 98 | | 75 - 120 |

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-573874/1-A
Matrix: Solid
Analysis Batch: 574007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573874

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------------------|-----------|--------------|----|-----|-------|---|----------------|----------------|---------|
| 1-Methylnaphthalene | <8.1 | | 67 | 8.1 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| 2-Methylnaphthalene | <6.1 | | 67 | 6.1 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Acenaphthene | <6.0 | | 33 | 6.0 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Acenaphthylene | <4.4 | | 33 | 4.4 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Anthracene | <5.6 | | 33 | 5.6 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Benzo[a]anthracene | <4.5 | | 33 | 4.5 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Benzo[a]pyrene | <6.4 | | 33 | 6.4 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Benzo[b]fluoranthene | <7.2 | | 33 | 7.2 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Benzo[g,h,i]perylene | <11 | | 33 | 11 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |

Eurofins TestAmerica, Chicago

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-573874/1-A
Matrix: Solid
Analysis Batch: 574007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 573874

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Benzo[k]fluoranthene | <9.8 | | 33 | 9.8 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Chrysene | <9.1 | | 33 | 9.1 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Dibenz(a,h)anthracene | <6.4 | | 33 | 6.4 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Fluoranthene | <6.2 | | 33 | 6.2 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Fluorene | <4.7 | | 33 | 4.7 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Indeno[1,2,3-cd]pyrene | <8.6 | | 33 | 8.6 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Naphthalene | <5.1 | | 33 | 5.1 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Phenanthrene | <4.6 | | 33 | 4.6 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Pyrene | <6.6 | | 33 | 6.6 | ug/Kg | | 11/24/20 16:02 | 11/25/20 12:13 | 1 |

| Surrogate | MB | MB | Limits | Prepared | Analyzed | Dil Fac |
|-------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| 2-Fluorobiphenyl (Surr) | 99 | | 43 - 145 | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Nitrobenzene-d5 (Surr) | 84 | | 37 - 147 | 11/24/20 16:02 | 11/25/20 12:13 | 1 |
| Terphenyl-d14 (Surr) | 92 | | 42 - 157 | 11/24/20 16:02 | 11/25/20 12:13 | 1 |

Lab Sample ID: LCS 500-573874/2-A
Matrix: Solid
Analysis Batch: 574007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 573874

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | Limits |
|------------------------|-------------|--------|-----------|-------|---|------|----------|
| | | Result | Qualifier | | | | |
| 1-Methylnaphthalene | 1330 | 1230 | | ug/Kg | | 92 | 68 - 111 |
| 2-Methylnaphthalene | 1330 | 1260 | | ug/Kg | | 94 | 69 - 112 |
| Acenaphthene | 1330 | 1280 | | ug/Kg | | 96 | 65 - 124 |
| Acenaphthylene | 1330 | 1250 | | ug/Kg | | 94 | 68 - 120 |
| Anthracene | 1330 | 1250 | | ug/Kg | | 94 | 70 - 114 |
| Benzo[a]anthracene | 1330 | 1260 | | ug/Kg | | 95 | 67 - 122 |
| Benzo[a]pyrene | 1330 | 1230 | | ug/Kg | | 92 | 65 - 133 |
| Benzo[b]fluoranthene | 1330 | 1330 | | ug/Kg | | 100 | 69 - 129 |
| Benzo[g,h,i]perylene | 1330 | 1200 | | ug/Kg | | 90 | 72 - 131 |
| Benzo[k]fluoranthene | 1330 | 1310 | | ug/Kg | | 98 | 68 - 127 |
| Chrysene | 1330 | 1260 | | ug/Kg | | 95 | 63 - 120 |
| Dibenz(a,h)anthracene | 1330 | 1260 | | ug/Kg | | 94 | 64 - 131 |
| Fluoranthene | 1330 | 1390 | | ug/Kg | | 104 | 62 - 120 |
| Fluorene | 1330 | 1230 | | ug/Kg | | 92 | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | 1330 | 1270 | | ug/Kg | | 96 | 68 - 130 |
| Naphthalene | 1330 | 1240 | | ug/Kg | | 93 | 63 - 110 |
| Phenanthrene | 1330 | 1240 | | ug/Kg | | 93 | 62 - 120 |
| Pyrene | 1330 | 1280 | | ug/Kg | | 96 | 61 - 128 |

| Surrogate | LCS | LCS | Limits |
|-------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl (Surr) | 97 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 96 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 100 | | 42 - 157 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191460-2 MS

Matrix: Solid

Analysis Batch: 574112

Client Sample ID: SB-19 2-4

Prep Type: Total/NA

Prep Batch: 573874

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|----------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| 1-Methylnaphthalene | <49 | | 1550 | 1470 | | ug/Kg | * | 95 | | 68 - 111 |
| 2-Methylnaphthalene | <37 | | 1550 | 1500 | | ug/Kg | * | 97 | | 69 - 112 |
| Acenaphthene | <36 | | 1550 | 1420 | | ug/Kg | * | 92 | | 65 - 124 |
| Acenaphthylene | <27 | | 1550 | 1490 | | ug/Kg | * | 96 | | 68 - 120 |
| Anthracene | <34 | | 1550 | 1560 | | ug/Kg | * | 101 | | 70 - 114 |
| Benzo[a]anthracene | <27 | | 1550 | 1430 | | ug/Kg | * | 92 | | 67 - 122 |
| Benzo[a]pyrene | <39 | | 1550 | 1500 | | ug/Kg | * | 97 | | 65 - 133 |
| Benzo[b]fluoranthene | <44 | | 1550 | 1570 | | ug/Kg | * | 102 | | 69 - 129 |
| Benzo[g,h,i]perylene | <65 | F1 | 1550 | 831 | F1 | ug/Kg | * | 54 | | 72 - 131 |
| Benzo[k]fluoranthene | <60 | | 1550 | 1680 | | ug/Kg | * | 108 | | 68 - 127 |
| Chrysene | <55 | | 1550 | 1440 | | ug/Kg | * | 93 | | 63 - 120 |
| Dibenz(a,h)anthracene | <39 | | 1550 | 1040 | | ug/Kg | * | 67 | | 64 - 131 |
| Fluoranthene | <37 | | 1550 | 1680 | | ug/Kg | * | 108 | | 62 - 120 |
| Fluorene | <28 | | 1550 | 1500 | | ug/Kg | * | 97 | | 62 - 120 |
| Indeno[1,2,3-cd]pyrene | <52 | F1 | 1550 | 1020 | F1 | ug/Kg | * | 66 | | 68 - 130 |
| Naphthalene | <31 | | 1550 | 1400 | | ug/Kg | * | 91 | | 63 - 110 |
| Phenanthrene | <28 | | 1550 | 1510 | | ug/Kg | * | 97 | | 62 - 120 |
| Pyrene | <40 | | 1550 | 1590 | | ug/Kg | * | 103 | | 61 - 128 |

| Surrogate | MS | MS | Limits |
|-------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl (Surr) | 93 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 74 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 104 | | 42 - 157 |

Lab Sample ID: 500-191460-2 MSD

Matrix: Solid

Analysis Batch: 574112

Client Sample ID: SB-19 2-4

Prep Type: Total/NA

Prep Batch: 573874

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | Limit |
|------------------------|--------|-----------|-------|--------|-----------|-------|---|------|-------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | | |
| 1-Methylnaphthalene | <49 | | 1580 | 1530 | | ug/Kg | * | 97 | | 68 - 111 | 4 | 30 |
| 2-Methylnaphthalene | <37 | | 1580 | 1540 | | ug/Kg | * | 98 | | 69 - 112 | 2 | 30 |
| Acenaphthene | <36 | | 1580 | 1430 | | ug/Kg | * | 91 | | 65 - 124 | 1 | 30 |
| Acenaphthylene | <27 | | 1580 | 1540 | | ug/Kg | * | 98 | | 68 - 120 | 3 | 30 |
| Anthracene | <34 | | 1580 | 1500 | | ug/Kg | * | 95 | | 70 - 114 | 4 | 30 |
| Benzo[a]anthracene | <27 | | 1580 | 1480 | | ug/Kg | * | 94 | | 67 - 122 | 4 | 30 |
| Benzo[a]pyrene | <39 | | 1580 | 1560 | | ug/Kg | * | 99 | | 65 - 133 | 4 | 30 |
| Benzo[b]fluoranthene | <44 | | 1580 | 1720 | | ug/Kg | * | 109 | | 69 - 129 | 9 | 30 |
| Benzo[g,h,i]perylene | <65 | F1 | 1580 | 1000 | F1 | ug/Kg | * | 63 | | 72 - 131 | 19 | 30 |
| Benzo[k]fluoranthene | <60 | | 1580 | 1780 | | ug/Kg | * | 113 | | 68 - 127 | 6 | 30 |
| Chrysene | <55 | | 1580 | 1410 | | ug/Kg | * | 90 | | 63 - 120 | 2 | 30 |
| Dibenz(a,h)anthracene | <39 | | 1580 | 1150 | | ug/Kg | * | 73 | | 64 - 131 | 10 | 30 |
| Fluoranthene | <37 | | 1580 | 1690 | | ug/Kg | * | 107 | | 62 - 120 | 0 | 30 |
| Fluorene | <28 | | 1580 | 1490 | | ug/Kg | * | 94 | | 62 - 120 | 1 | 30 |
| Indeno[1,2,3-cd]pyrene | <52 | F1 | 1580 | 1080 | | ug/Kg | * | 68 | | 68 - 130 | 5 | 30 |
| Naphthalene | <31 | | 1580 | 1470 | | ug/Kg | * | 93 | | 63 - 110 | 4 | 30 |
| Phenanthrene | <28 | | 1580 | 1500 | | ug/Kg | * | 95 | | 62 - 120 | 1 | 30 |
| Pyrene | <40 | | 1580 | 1700 | | ug/Kg | * | 108 | | 61 - 128 | 7 | 30 |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-191460-2 MSD
Matrix: Solid
Analysis Batch: 574112

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 573874

| Surrogate | MSD MSD | | Limits |
|-------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| 2-Fluorobiphenyl (Surr) | 101 | | 43 - 145 |
| Nitrobenzene-d5 (Surr) | 79 | | 37 - 147 |
| Terphenyl-d14 (Surr) | 105 | | 42 - 157 |

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 500-574627/1-A
Matrix: Solid
Analysis Batch: 574859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 574627

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-------|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Arsenic | <0.34 | | 1.0 | 0.34 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Barium | <0.11 | | 1.0 | 0.11 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Cadmium | <0.036 | | 0.20 | 0.036 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Chromium | <0.50 | | 1.0 | 0.50 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Lead | <0.23 | | 0.50 | 0.23 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Selenium | <0.59 | | 1.0 | 0.59 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |
| Silver | <0.13 | | 0.50 | 0.13 | mg/Kg | | 12/01/20 06:30 | 12/01/20 19:26 | 1 |

Lab Sample ID: LCS 500-574627/2-A
Matrix: Solid
Analysis Batch: 574859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 574627

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec. | |
|----------|-------------|------------|---------------|-------|---|------|----------|--|
| | | | | | | | Limits | |
| Arsenic | 10.0 | 9.41 | | mg/Kg | | 94 | 80 - 120 | |
| Barium | 200 | 198 | | mg/Kg | | 99 | 80 - 120 | |
| Cadmium | 5.00 | 4.63 | | mg/Kg | | 93 | 80 - 120 | |
| Chromium | 20.0 | 19.3 | | mg/Kg | | 96 | 80 - 120 | |
| Lead | 10.0 | 9.49 | | mg/Kg | | 95 | 80 - 120 | |
| Selenium | 10.0 | 8.81 | | mg/Kg | | 88 | 80 - 120 | |
| Silver | 5.00 | 4.54 | | mg/Kg | | 91 | 80 - 120 | |

Lab Sample ID: 500-191460-2 MS
Matrix: Solid
Analysis Batch: 574859

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 574627

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec. | |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|--|
| | | | | | | | | | Limits | |
| Arsenic | 4.3 | | 10.7 | 13.2 | | mg/Kg | ☼ | 84 | 75 - 125 | |
| Barium | 76 | V F1 F2 | 213 | 251 | | mg/Kg | ☼ | 82 | 75 - 125 | |
| Cadmium | <0.039 | F1 F2 | 5.33 | 3.49 | F1 | mg/Kg | ☼ | 65 | 75 - 125 | |
| Chromium | 19 | F1 | 21.3 | 38.7 | | mg/Kg | ☼ | 95 | 75 - 125 | |
| Lead | 11 | F1 | 10.7 | 22.5 | | mg/Kg | ☼ | 105 | 75 - 125 | |
| Selenium | <0.63 | F1 F2 | 10.7 | 7.03 | F1 | mg/Kg | ☼ | 66 | 75 - 125 | |
| Silver | <0.14 | F1 F2 | 5.33 | 3.51 | F1 | mg/Kg | ☼ | 66 | 75 - 125 | |

QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 500-191460-2 MSD
Matrix: Solid
Analysis Batch: 574859

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 574627

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | Limit |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | | |
| Arsenic | 4.3 | | 11.2 | 13.3 | | mg/Kg | ⊛ | 80 | 75 - 125 | 1 | 20 | |
| Barium | 76 | V F1 F2 | 225 | 369 | F1 F2 | mg/Kg | ⊛ | 130 | 75 - 125 | 38 | 20 | |
| Cadmium | <0.039 | F1 F2 | 5.62 | 4.87 | F2 | mg/Kg | ⊛ | 87 | 75 - 125 | 33 | 20 | |
| Chromium | 19 | F1 | 22.5 | 34.1 | F1 | mg/Kg | ⊛ | 69 | 75 - 125 | 13 | 20 | |
| Lead | 11 | F1 | 11.2 | 25.9 | F1 | mg/Kg | ⊛ | 131 | 75 - 125 | 14 | 20 | |
| Selenium | <0.63 | F1 F2 | 11.2 | 9.53 | F2 | mg/Kg | ⊛ | 85 | 75 - 125 | 30 | 20 | |
| Silver | <0.14 | F1 F2 | 5.62 | 4.80 | F2 | mg/Kg | ⊛ | 85 | 75 - 125 | 31 | 20 | |

Lab Sample ID: 500-191460-2 DU
Matrix: Solid
Analysis Batch: 574859

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 574627

| Analyte | Sample | Sample | DU | DU | Unit | D | RPD | Limit |
|----------|--------|-----------|--------|-----------|-------|---|-----|-------|
| | Result | Qualifier | Result | Qualifier | | | | |
| Arsenic | 4.3 | | 4.28 | | mg/Kg | ⊛ | 0.5 | 20 |
| Barium | 76 | V F1 F2 | 79.9 | | mg/Kg | ⊛ | 5 | 20 |
| Cadmium | <0.039 | F1 F2 | <0.042 | | mg/Kg | ⊛ | NC | 20 |
| Chromium | 19 | F1 | 18.3 | | mg/Kg | ⊛ | 1 | 20 |
| Lead | 11 | F1 | 10.3 | | mg/Kg | ⊛ | 9 | 20 |
| Selenium | <0.63 | F1 F2 | <0.69 | | mg/Kg | ⊛ | NC | 20 |
| Silver | <0.14 | F1 F2 | <0.15 | | mg/Kg | ⊛ | NC | 20 |

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-575135/12-A
Matrix: Solid
Analysis Batch: 575400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 575135

| Analyte | MB | MB | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|---------|-----------|-------|--------|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Mercury | <0.0056 | | 0.017 | 0.0056 | mg/Kg | | 12/03/20 13:15 | 12/04/20 09:52 | 1 |

Lab Sample ID: LCS 500-575135/13-A
Matrix: Solid
Analysis Batch: 575400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 575135

| Analyte | Spike Added | LCS | LCS | Unit | D | %Rec | %Rec. | Limits |
|---------|-------------|--------|-----------|-------|---|------|----------|--------|
| | | Result | Qualifier | | | | | |
| Mercury | 0.167 | 0.154 | | mg/Kg | | 92 | 80 - 120 | |

Lab Sample ID: 500-191460-2 MS
Matrix: Solid
Analysis Batch: 575400

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 575135

| Analyte | Sample | Sample | Spike | MS | MS | Unit | D | %Rec | %Rec. | Limits |
|---------|--------|-----------|--------|--------|-----------|-------|---|------|----------|--------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | |
| Mercury | 0.057 | | 0.0953 | 0.133 | | mg/Kg | ⊛ | 80 | 75 - 125 | |

Lab Sample ID: 500-191460-2 MSD
Matrix: Solid
Analysis Batch: 575400

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 575135

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | %Rec. | Limits | RPD | Limit |
|---------|--------|-----------|--------|--------|-----------|-------|---|------|----------|--------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | | |
| Mercury | 0.057 | | 0.0959 | 0.130 | | mg/Kg | ⊛ | 76 | 75 - 125 | 3 | 20 | |

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QC Sample Results

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 500-191460-2 DU
Matrix: Solid
Analysis Batch: 575400

Client Sample ID: SB-19 2-4
Prep Type: Total/NA
Prep Batch: 575135

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | Limit |
|---------|---------------|------------------|-----------|--------------|-------|---|-----|-------|
| Mercury | 0.057 | | 0.0481 | | mg/Kg | * | 17 | 20 |

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Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-17 2-4
Date Collected: 11/16/20 10:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-1
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-17 2-4
Date Collected: 11/16/20 10:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-1
Matrix: Solid
Percent Solids: 92.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 10:25 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 01:31 | PMF | TAL CHI |
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574007 | 11/25/20 16:39 | AJD | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 19:33 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:00 | MJG | TAL CHI |

Client Sample ID: SB-19 2-4
Date Collected: 11/16/20 11:45
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-2
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-19 2-4
Date Collected: 11/16/20 11:45
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-2
Matrix: Solid
Percent Solids: 81.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 11:45 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 01:56 | PMF | TAL CHI |
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 5 | 574112 | 11/26/20 02:16 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 19:37 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:03 | MJG | TAL CHI |

Client Sample ID: SB-14 0-2
Date Collected: 11/16/20 12:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-3
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-14 0-2

Lab Sample ID: 500-191460-3

Date Collected: 11/16/20 12:10

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574301 | 11/28/20 06:04 | SS | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 19:53 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:11 | MJG | TAL CHI |

Client Sample ID: SB-15 0-2

Lab Sample ID: 500-191460-4

Date Collected: 11/16/20 12:35

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-15 0-2

Lab Sample ID: 500-191460-4

Date Collected: 11/16/20 12:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 86.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 12:35 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 02:20 | PMF | TAL CHI |

Client Sample ID: SB-15 2-4

Lab Sample ID: 500-191460-5

Date Collected: 11/16/20 12:25

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-15 2-4

Lab Sample ID: 500-191460-5

Date Collected: 11/16/20 12:25

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 83.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574007 | 11/25/20 17:32 | AJD | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 19:56 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:23 | MJG | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-18 0-2
Date Collected: 11/16/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-6
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-18 0-2
Date Collected: 11/16/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-6
Matrix: Solid
Percent Solids: 89.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574112 | 11/26/20 04:12 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:06 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:25 | MJG | TAL CHI |

Client Sample ID: SB-18 2-4
Date Collected: 11/16/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-7
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-18 2-4
Date Collected: 11/16/20 13:10
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-7
Matrix: Solid
Percent Solids: 91.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 13:10 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 02:45 | PMF | TAL CHI |

Client Sample ID: SB-21 2-4
Date Collected: 11/16/20 13:20
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-8
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-21 2-4
Date Collected: 11/16/20 13:20
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-8
Matrix: Solid
Percent Solids: 80.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 16:28 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:09 | EEN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-21 2-4

Lab Sample ID: 500-191460-8

Date Collected: 11/16/20 13:20

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 80.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:27 | MJG | TAL CHI |

Client Sample ID: SB-22 2.5-5

Lab Sample ID: 500-191460-9

Date Collected: 11/16/20 13:30

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-22 2.5-5

Lab Sample ID: 500-191460-9

Date Collected: 11/16/20 13:30

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 87.9

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 15:30 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:12 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:29 | MJG | TAL CHI |

Client Sample ID: SB-22 5-6.5

Lab Sample ID: 500-191460-10

Date Collected: 11/16/20 13:35

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-22 5-6.5

Lab Sample ID: 500-191460-10

Date Collected: 11/16/20 13:35

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 96.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 13:33 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:16 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:31 | MJG | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: VP-3 0-0.5
Date Collected: 11/16/20 14:55
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-11
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: VP-3 0-0.5
Date Collected: 11/16/20 14:55
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-11
Matrix: Solid
Percent Solids: 85.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 5 | 574301 | 11/28/20 04:35 | SS | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 5 | 574859 | 12/01/20 20:19 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:33 | MJG | TAL CHI |

Client Sample ID: SB-20 0-2
Date Collected: 11/16/20 15:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-12
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: SB-20 0-2
Date Collected: 11/16/20 15:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-12
Matrix: Solid
Percent Solids: 89.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 15:25 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 03:10 | PMF | TAL CHI |
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 14:02 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:22 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:35 | MJG | TAL CHI |

Client Sample ID: TW-3 2-4
Date Collected: 11/17/20 13:20
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-13
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-3 2-4

Date Collected: 11/17/20 13:20

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-13

Matrix: Solid

Percent Solids: 79.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/17/20 13:20 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 03:35 | PMF | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:26 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:37 | MJG | TAL CHI |

Client Sample ID: TW-4 0-2

Date Collected: 11/17/20 15:45

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-14

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-4 0-2

Date Collected: 11/17/20 15:45

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-14

Matrix: Solid

Percent Solids: 88.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/17/20 15:45 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 04:00 | PMF | TAL CHI |
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574301 | 11/28/20 05:05 | SS | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:29 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:40 | MJG | TAL CHI |

Client Sample ID: TW-5 2-3

Date Collected: 11/18/20 09:20

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-15

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-5 2-3

Date Collected: 11/18/20 09:20

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-15

Matrix: Solid

Percent Solids: 88.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/18/20 09:20 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 04:25 | PMF | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-5 3-4

Date Collected: 11/18/20 09:25

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-16

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-5 3-4

Date Collected: 11/18/20 09:25

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-16

Matrix: Solid

Percent Solids: 84.7

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574301 | 11/28/20 05:34 | SS | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:33 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:44 | MJG | TAL CHI |

Client Sample ID: TW-6 2-4

Date Collected: 11/18/20 11:30

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-17

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-6 2-4

Date Collected: 11/18/20 11:30

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-17

Matrix: Solid

Percent Solids: 86.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/18/20 11:30 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 04:50 | PMF | TAL CHI |

Client Sample ID: TW-6 4.5-6

Date Collected: 11/18/20 11:32

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-18

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-6 4.5-6

Date Collected: 11/18/20 11:32

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-18

Matrix: Solid

Percent Solids: 81.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574301 | 11/28/20 03:36 | SS | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:36 | EEN | TAL CHI |

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Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-6 4.5-6

Lab Sample ID: 500-191460-18

Date Collected: 11/18/20 11:32

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 81.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:51 | MJG | TAL CHI |

Client Sample ID: TW-7 2-4

Lab Sample ID: 500-191460-19

Date Collected: 11/18/20 13:55

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-7 2-4

Lab Sample ID: 500-191460-19

Date Collected: 11/18/20 13:55

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 85.3

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573412 | 11/18/20 13:55 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 05:15 | PMF | TAL CHI |

Client Sample ID: TW-7 4-6

Lab Sample ID: 500-191460-20

Date Collected: 11/18/20 14:00

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 573994 | 11/25/20 08:04 | LWN | TAL CHI |

Client Sample ID: TW-7 4-6

Lab Sample ID: 500-191460-20

Date Collected: 11/18/20 14:00

Matrix: Solid

Date Received: 11/20/20 09:40

Percent Solids: 80.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:45 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:53 | MJG | TAL CHI |

Client Sample ID: TW-8 4-6

Lab Sample ID: 500-191460-21

Date Collected: 11/18/20 14:35

Matrix: Solid

Date Received: 11/20/20 09:40

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 574003 | 11/25/20 08:55 | LWN | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: TW-8 4-6

Date Collected: 11/18/20 14:35

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-21

Matrix: Solid

Percent Solids: 89.8

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574301 | 11/28/20 04:05 | SS | TAL CHI |

Client Sample ID: DUP 4

Date Collected: 11/18/20 13:57

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-22

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 574003 | 11/25/20 08:55 | LWN | TAL CHI |

Client Sample ID: DUP 4

Date Collected: 11/18/20 13:57

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-22

Matrix: Solid

Percent Solids: 85.2

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/18/20 13:57 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 05:40 | PMF | TAL CHI |

Client Sample ID: DUP 5

Date Collected: 11/16/20 13:22

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-23

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 574003 | 11/25/20 08:55 | LWN | TAL CHI |

Client Sample ID: DUP 5

Date Collected: 11/16/20 13:22

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-23

Matrix: Solid

Percent Solids: 83.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 15:59 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:49 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:55 | MJG | TAL CHI |

Client Sample ID: Trip-MEOH

Date Collected: 11/16/20 00:00

Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-24

Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 00:00 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 01:05 | PMF | TAL CHI |

Lab Chronicle

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Client Sample ID: SB-16 2-4
Date Collected: 11/16/20 16:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-25
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 574003 | 11/25/20 08:55 | LWN | TAL CHI |

Client Sample ID: SB-16 2-4
Date Collected: 11/16/20 16:25
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-25
Matrix: Solid
Percent Solids: 89.4

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 5035 | | | 573409 | 11/16/20 16:25 | WRE | TAL CHI |
| Total/NA | Analysis | 8260B | | 50 | 574288 | 11/28/20 06:05 | PMF | TAL CHI |
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 14:31 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:52 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:57 | MJG | TAL CHI |

Client Sample ID: SB-23 2-4
Date Collected: 11/16/20 13:50
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-26
Matrix: Solid

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 574003 | 11/25/20 08:55 | LWN | TAL CHI |

Client Sample ID: SB-23 2-4
Date Collected: 11/16/20 13:50
Date Received: 11/20/20 09:40

Lab Sample ID: 500-191460-26
Matrix: Solid
Percent Solids: 94.0

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3541 | | | 573874 | 11/24/20 16:02 | JP1 | TAL CHI |
| Total/NA | Analysis | 8270D | | 1 | 574013 | 11/25/20 15:01 | NRJ | TAL CHI |
| Total/NA | Prep | 3050B | | | 574627 | 12/01/20 06:30 | LMN | TAL CHI |
| Total/NA | Analysis | 6010C | | 1 | 574859 | 12/01/20 20:55 | EEN | TAL CHI |
| Total/NA | Prep | 7471B | | | 575135 | 12/03/20 13:15 | MJG | TAL CHI |
| Total/NA | Analysis | 7471B | | 1 | 575400 | 12/04/20 10:59 | MJG | TAL CHI |

Laboratory References:

TAL CHI = Eurofins TestAmerica, Chicago, 2417 Bond Street, University Park, IL 60484, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corp.
Project/Site: WB Brew - 193707897

Job ID: 500-191460-1

Laboratory: Eurofins TestAmerica, Chicago

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Wisconsin | State | 999580010 | 08-31-21 |

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Eurofins TestAmerica, Chicago

2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

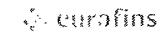
eurofins

Client Information: ENG, Fredrick, Sandie. Analysis Requested: Standard (11/30/20). Sample Identification: SB-17, SB-19, SB-14, SB-15, SB-18, SB-21, SB-22, VP-3. Sample Disposal: Disposal By Lab.

Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

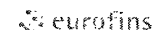


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|--|------------------------------|---|---|----------------------------------|---|-----------------------------------|------------------------------|---|---------------------|----------------------------|--------------|-------------|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Client Information | | Sampler: ZNG | Lab PA# Fredrick, Sandie | Carrier Tracking No(s) | CCS No 500-87145-39227 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Client Contact Erin Gross | | Phone 608 628 6278 | E-Mail sandra.fredrick@eurofinset.com | | Page Page 2 of 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Company Stantec Consulting Corp. | | Analysis Requested | | | Job # 500-191460 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address 12075 Corporate Pkwy, Suite 200 | | Due Date Requested: 11/30/2020 | <table border="1"> <tr> <td>Field Filtered Sample (Yes or No)</td> <td>Perforin (MS/MS) (Yes or No)</td> <td>8260B - VOC</td> <td>6010C, 7471B, 8270D</td> <td>8260B - VOC</td> <td>6020A, 7470A</td> <td>8270D - PAH</td> <td rowspan="5" style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Number of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | Field Filtered Sample (Yes or No) | Perforin (MS/MS) (Yes or No) | 8260B - VOC | 6010C, 7471B, 8270D | 8260B - VOC | 6020A, 7470A | 8270D - PAH | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Field Filtered Sample (Yes or No) | Perforin (MS/MS) (Yes or No) | 8260B - VOC | | | | 6010C, 7471B, 8270D | 8260B - VOC | 6020A, 7470A | 8270D - PAH | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: Mequon | | TAT Requested (days): standard (invoice by 11/30/20) | Preservation Codes: A - HCl M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2S2O3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSF Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State Zip: WI, 53092 | | PO # 193707897 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: 608 628 6278 | | Add project number here | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email erin.gross@stantec.com | | WG # | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name WB Brewery | | Project # 50006565 | Other: Special Instructions/Note: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: WB Brew | | SSOW# | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sample Identification | | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=wastewater) | BT=Tissue Analyte | Preservation Code: | Field Filtered Sample (Yes or No) Perforin (MS/MS) (Yes or No) 8260B - VOC 6010C, 7471B, 8270D 8260B - VOC 6020A, 7470A 8270D - PAH 26010C, 7471B (CREA metals) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | SB-20 0-2 | 11/16/20 | 15:25 | C | Solid | | | | | N N A D N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | TW-3 2-4 | 11/17/20 | 13:20 | C | Solid | | | | | X X X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | TW-4 0-2 | 11/17/20 | 15:45 | C | Solid | | | | | X X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | TW-5 2-3 | 11/18/20 | 9:20 | C | Solid | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | TW-5 3-4 | | 9:25 | C | Solid | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | TW-6 2-4 | | 11:30 | C | Solid | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | TW-6 4.5-6 | | 11:32 | C | Solid | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | TW-7 2-4 | | 13:55 | C | Solid | | | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | TW-7 4-6 | | 14:00 | C | Solid | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | TW-8 4-6 | | 14:35 | C | Solid | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | DUP 4 | | 13:57 | C | Solid | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Possible Hazard Identification | | <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliverable Requested I, II, III, IV, Other (specify) | | Special Instructions/QC Requirements | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Empty Kit Relinquished by | | Date/Time | Time | Method of Shipment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by Erin Gross | | Date/Time 11/19/20 13:45 | Company stantec | Received by Shirley Scott | | Date/Time 11/20/20 0940 | Company BDA CHE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by | | Date/Time | Company | Received by | | Date/Time | Company | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by | | Date/Time | Company | Received by | | Date/Time | Company | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | Custody Seal No. | Cooler Temperature(s) °C and Other Remarks | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Eurofins TestAmerica, Chicago

2417 Bond Street
 University Park, IL 60484
 Phone: 708-534-5200 Fax: 708-534-5211

Chain of Custody Record



| Client Information | | | | Sampler ENG | | Lab PM Fredrick Sandie | | Carrier Tracking No(s): | | COC No: 500-87145-39227.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------|-----------------------------------|---------------------------------|--|-----------------------------------|--|---------------------|---|--------------|------------------------------|----------------------------|-----------------------|-------------|-------------|---------------------------------|--|-----------------------------------|----------------------------|--|--|--|--|----------------------------|-------------|---------------------|-------------|--------------|-------------|--|--|--|--|--|--|---|---|---|---|---|--|-------------------|----------|-------|---|-------|---|---|--|--|--|--|--|----------|----------|-------|---|-------|---|---|---|--|--|--|--|-------------------|----------|-------|---|-------|---|---|---|--|--|--|--|----------------|-------------|-----|---|-------|---|---|--|--|--|--|--|--------------|----------|-------|--|-------|--|---|---|--|--|--|--|--------------|---|------|--|-------|--|--|---|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Client Contact Erin Gross | | | | Phone: 608 628 6278 | | E-Mail sandra.fredrick@eurofinset.com | | | | Page Page 3 of 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Company Stantec Consulting Corp. | | | | | | Analysis Requested | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address 12075 Corporate Pkwy, Suite 200 | | | | | | Due Date Requested: 11/30/20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City Mequon | | | | | | TAT Requested (days): Standard (invoice by 11/30/20) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State, Zip WI, 53092 | | | | | | PC # 193707997 Add project number here | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone: 608 628 6278 | | | | | | WC #: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Email erin.gross@stantec.com | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name WB Brewery | | | | | | Project # 50006565 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site: WB Brew | | | | | | SSCWA#: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Sample Identification</th> <th rowspan="2">Sample Date</th> <th rowspan="2">Sample Time</th> <th rowspan="2">Sample Type (C=Comp, G=grab)</th> <th rowspan="2">Matrix (W=Water, S=Solid, O=Water/Oil, ET=Tissue, AA=Air)</th> <th rowspan="2">Field Filtered Sample (Yes or No)</th> <th colspan="5">Perform MS/MSD (Yes or No)</th> <th rowspan="2">Total Number of Containers</th> </tr> <tr> <th>8260B - VOC</th> <th>6010C, 7471B, 8270D</th> <th>8260B - VOC</th> <th>6020A, 7470A</th> <th>8270D - PAH</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>N</td> <td>N</td> <td>A</td> <td>D</td> <td>N</td> <td></td> </tr> <tr> <td>19 TW-7 2-4 MSMSD</td> <td>11/18/20</td> <td>13:58</td> <td>C</td> <td>Solid</td> <td>N</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>23 DUP S</td> <td>11/16/20</td> <td>13:22</td> <td>C</td> <td>Solid</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2 SB-19 2-4 MSMSD</td> <td>11/16/20</td> <td>11:47</td> <td>C</td> <td>Solid</td> <td>N</td> <td>N</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>24 Trip - MEQH</td> <td>11/16-19/20</td> <td>N/A</td> <td>C</td> <td>Solid</td> <td>N</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>25 SB-16 2-4</td> <td>11/16/20</td> <td>16:25</td> <td></td> <td>Solid</td> <td></td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>26 SB-23 2-4</td> <td>↓</td> <td>1350</td> <td></td> <td>Solid</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td>Solid</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td>Solid</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td>Water</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td>Water</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td>Water</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> | | | | | | | | | | | | Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=Water, S=Solid, O=Water/Oil, ET=Tissue, AA=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | | | | | Total Number of Containers | 8260B - VOC | 6010C, 7471B, 8270D | 8260B - VOC | 6020A, 7470A | 8270D - PAH | | | | | | | N | N | A | D | N | | 19 TW-7 2-4 MSMSD | 11/18/20 | 13:58 | C | Solid | N | X | | | | | | 23 DUP S | 11/16/20 | 13:22 | C | Solid | N | N | X | | | | | 2 SB-19 2-4 MSMSD | 11/16/20 | 11:47 | C | Solid | N | N | X | | | | | 24 Trip - MEQH | 11/16-19/20 | N/A | C | Solid | N | X | | | | | | 25 SB-16 2-4 | 11/16/20 | 16:25 | | Solid | | X | X | | | | | 26 SB-23 2-4 | ↓ | 1350 | | Solid | | | X | | | | | | | | | Solid | | | | | | | | | | | | Solid | | | | | | | | | | | | Water | | | | | | | | | | | | Water | | | | | | | | | | | | Water | | | | | | | | | | | | | | | | | | | |
| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=Water, S=Solid, O=Water/Oil, ET=Tissue, AA=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | | | | | Total Number of Containers | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 8260B - VOC | 6010C, 7471B, 8270D | 8260B - VOC | 6020A, 7470A | 8270D - PAH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | N | N | A | D | N | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 TW-7 2-4 MSMSD | 11/18/20 | 13:58 | C | Solid | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 DUP S | 11/16/20 | 13:22 | C | Solid | N | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 SB-19 2-4 MSMSD | 11/16/20 | 11:47 | C | Solid | N | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 Trip - MEQH | 11/16-19/20 | N/A | C | Solid | N | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 SB-16 2-4 | 11/16/20 | 16:25 | | Solid | | X | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 SB-23 2-4 | ↓ | 1350 | | Solid | | | X | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | Water | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological | | | | | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deliverable Requested: I, II, III, IV, Other (specify) | | | | | | Special Instructions/OC Requirements: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Empty Kit Relinquished by: _____ Date: _____ Time: _____ | | | | | | Date/Time of Shipment: 11/20/20 0940 FedEx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: Erin Gross | | Date/Time: 11/19/20, 13:45 | | Company: stantec | | Received by: Alan Scott | | Date/Time: 11/20/20 0940 | | Company: BFA OEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Relinquished by: | | Date/Time: | | Company: | | Received by: | | Date/Time: | | Company: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | | Custody Seal No.: | | | | Cooler Temperature(s) °C and Other Remarks: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

19
23
2
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26

Added by TA

Login Sample Receipt Checklist

Client: Stantec Consulting Corp.

Job Number: 500-191460-1

Login Number: 191460

List Source: Eurofins TestAmerica, Chicago

List Number: 1

Creator: Scott, Sherri L

| Question | Answer | Comment |
|---|--------|---|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | True | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 0.7,0.9 |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | False | Received extra samples not listed on COC. |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4"). | N/A | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

ATTACHMENT C

Soil Boring Logs and Monitoring Well Construction Forms

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|--|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment | |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | | |

| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
|--|--|---|--|---|--|---|--|
| County Washington | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | | Facility Name WB Brewery Building LLC Parcels | |
| Latitude / Longitude (see instructions) 43°25'43.78" N 88°11'4.92" W | | Format Code <input type="checkbox"/> DD <input checked="" type="checkbox"/> DDM | | Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | | Facility ID (FID or PWS) 267213870 | |
| 1/4 / 1/4 SE / SE or Gov't Lot # | | Section 11 | | Township 11 N | | Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 445-485 North Main Street | | | | Original Well Owner WB Brewery Building LLC | | | |
| Well City, Village or Town West Bend | | | | Well ZIP Code 53090 | | | |
| Subdivision Name | | | | Lot # | | Mailing Address of Present Owner 1423 Schloemer Drive | |
| Reason for Removal from Service Investigation Complete | | | | WI Unique Well # of Replacement Well _____ | | City of Present Owner West Bend | |
| | | | | | | State WI | |
| | | | | | | ZIP Code 53095 | |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | | | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | | | |
|--|--|--|--|---|--|--|--|--|--|
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 11/16/2020 | | Pump and piping removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | Liner(s) removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | | | Liner(s) perforated? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Direct-push | | | | Screen removed? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | | | Casing left in place? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Total Well Depth From Ground Surface (ft.) 4 | | Casing Diameter (in.) 2 | | Was casing cut off below surface? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Lower Drillhole Diameter (in.) | | Casing Depth (ft.) | | Did sealing material rise to surface? | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | | Did material settle after 24 hours? | | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | |
| If yes, to what depth (feet)? | | Depth to Water (feet) > 4 ft | | If yes, was hole retopped? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| | | | | If bentonite chips were used, were they hydrated with water from a known safe source? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| | | | | Required Method of Placing Sealing Material | | | | | |
| | | | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped | | | | | |
| | | | | <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | | | |
| | | | | Sealing Materials | | | | | |
| | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete | | | | | |
| | | | | <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | | | |
| | | | | For Monitoring Wells and Monitoring Well Boreholes Only: | | | | | |
| | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout | | | | | |
| | | | | <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | | | |

| 5. Material Used to Fill Well / Drillhole | | | |
|---|----------|---|-------------------------|
| From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips |
| | | | |
| | | | |

6. Comments
SB-14

| 7. Supervision of Work | | | | DNR Use Only | |
|---|--------------------|--------------------------|---|----------------------------------|----------|
| Name of Person or Firm Doing Filling & Sealing Stantec Consulting | | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 11/16/2020 | Date Received | Noted By |
| Street or Route 12075 Corporate Pkwy, Suite 200 | | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092 | Signature of Person Doing Work <i>Erin Deas</i> | Date Signed 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
|--|--|---|--|---|--|---|--|
| County Washington | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | | Facility Name WB Brewery Building LLC Parcels | |
| Latitude / Longitude (see instructions) 43°25'42.63" N 88°11'4.23" W | | Format Code <input type="checkbox"/> DD <input checked="" type="checkbox"/> DDM | | Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | | Facility ID (FID or PWS) 267213870 | |
| 1/4 / 1/4 SE 1/4 SE or Gov't Lot # | | Section 11 | | Township 11 N | | Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 445-485 North Main Street | | | | Present Well Owner Chris Schmidt | | | |
| Well City, Village or Town West Bend | | | | Well ZIP Code 53090 | | | |
| Subdivision Name | | | | Lot # | | Mailing Address of Present Owner 1423 Schloemer Drive | |
| | | | | | | City of Present Owner West Bend | |
| | | | | | | State WI | |
| | | | | | | ZIP Code 53095 | |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | |
|---|--|--|--|--|--|
| Reason for Removal from Service Investigation Complete | | WI Unique Well # of Replacement Well _____ | | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 11/16/2020 | | Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | | | Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Construction Type: | | | | Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug | | | | Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input checked="" type="checkbox"/> Other (specify): Direct-push | | | | Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Formation Type: | | | | Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | | | If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Total Well Depth From Ground Surface (ft.) 4 | | Casing Diameter (in.) 2 | | If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Lower Drillhole Diameter (in.) | | Casing Depth (ft.) | | Required Method of Placing Sealing Material | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped | |
| If yes, to what depth (feet)? | | Depth to Water (feet) > 4 ft | | <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |
| | | | | Sealing Materials | |
| | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete | |
| | | | | <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |
| | | | | For Monitoring Wells and Monitoring Well Boreholes Only: | |
| | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout | |
| | | | | <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |

| 5. Material Used to Fill Well / Drillhole | | | |
|---|----------|---|-------------------------|
| From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips |
| | | | |

6. Comments
SB-15

| 7. Supervision of Work | | | | DNR Use Only | |
|--|-------------|-------------------|--|---------------------------|----------|
| Name of Person or Firm Doing Filling & Sealing Stantec Consulting | | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 11/16/2020 | Date Received | Noted By |
| Street or Route 12075 Corporate Pkwy, Suite 200 | | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092 | Signature of Person Doing Work <i>Eoin Scoss</i> | Date Signed 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

Verification Only of Fill and Seal

1. Well Location Information **2. Facility / Owner Information**

County: Washington WI Unique Well # of Removed Well: _____ Hicap #: _____
 Latitude / Longitude (see instructions):
 43°25'42.91" N Format Code: DD Method Code: GPS008
 88°11'6.96" W DDM SCR002
 _____ OTH001
 ¼ / ¼ SE ¼ SE Section: 11 Township: 11 N Range: 19 E W
 or Gov't Lot #: _____
 Well Street Address: 445-485 North Main Street
 Well City, Village or Town: West Bend Well ZIP Code: 53090
 Subdivision Name: _____ Lot #: _____

Facility Name: WB Brewery Building LLC Parcels
 Facility ID (FID or PWS): 267213870
 License/Permit/Monitoring #: _____
 Original Well Owner: WB Brewery Building LLC
 Present Well Owner: Chris Schmidt
 Mailing Address of Present Owner: 1423 Schloemer Drive
 City of Present Owner: West Bend State: WI ZIP Code: 53095

Reason for Removal from Service Investigation Complete WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): 11/16/2020
 Water Well If a Well Construction Report is available, please attach: _____
 Borehole / Drillhole
 Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Direct-push
 Formation Type:
 Unconsolidated Formation Bedrock
 Total Well Depth From Ground Surface (ft.): 4 Casing Diameter (in.): 2
 Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____
 Was well annular space grouted? Yes No Unknown
 If yes, to what depth (feet)? _____ Depth to Water (feet): > 4 ft

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A
 Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____
 Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips
 For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

| 5. Material Used to Fill Well / Drillhole | | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|--|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | | Surface | 4 | 0.25 bags of chips | |
| | | | | | |

6. Comments

SB-16

| 7. Supervision of Work | | | | DNR Use Only | |
|--|------------------|--|--------------------------------|--------------|--|
| Name of Person or Firm Doing Filling & Sealing | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) | Date Received | Noted By | |
| Stantec Consulting | | 11/16/2020 | | | |
| Street or Route | Telephone Number | | Comments | | |
| 12075 Corporate Pkwy, Suite 200 | (608) 628-6278 | | | | |
| City | State | ZIP Code | Signature of Person Doing Work | Date Signed | |
| Mequon | WI | 53092 | <i>Evin Scoss</i> | 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|--|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment | |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | | |

| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
|--|--|---|--|---|--|---|--|
| County Washington | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | | Facility Name WB Brewery Building LLC Parcels | |
| Latitude / Longitude (see instructions) 43°25'41.86" N 88°11'6.15" W | | Format Code <input type="checkbox"/> DD <input checked="" type="checkbox"/> DDM | | Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | | Facility ID (FID or PWS) 267213870 | |
| ¼ / ¼ SE ¼ SE or Gov't Lot # | | Section 11 | | Township 11 N | | Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 445-485 North Main Street | | | | Original Well Owner WB Brewery Building LLC | | | |
| Well City, Village or Town West Bend | | | | Well ZIP Code 53090 | | | |
| Subdivision Name | | | | Lot # | | Mailing Address of Present Owner 1423 Schloemer Drive | |
| City of Present Owner West Bend | | | | State WI | | ZIP Code 53095 | |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | |
|---|--|--|--|--|--|
| Reason for Removal from Service Investigation Complete | | WI Unique Well # of Replacement Well _____ | | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 11/16/2020 | | Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Direct-push</u> | | Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | Total Well Depth From Ground Surface (ft.) 4 | | Casing Diameter (in.) 2 | |
| Casing Depth (ft.) _____ | | Lower Drillhole Diameter (in.) _____ | | Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | Depth to Water (feet) > 4 ft | | Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| If yes, to what depth (feet)? _____ | | Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| 5. Material Used to Fill Well / Drillhole | | Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | |
| bentonite chips, 3/8 | | For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |
| From (ft.) Surface | | To (ft.) 4 | | No. Yards, Sacks Sealant or Volume (circle one) 0.25 bags of chips | |
| Mix Ratio or Mud Weight | | | | | |

| 5. Material Used to Fill Well / Drillhole | | | |
|---|--|--|--|
| bentonite chips, 3/8 | | | |
| | | | |
| | | | |

6. Comments
SB-17

| 7. Supervision of Work | | | | DNR Use Only | |
|--|--|--------------------------------------|--|---|---------------|
| Name of Person or Firm Doing Filling & Sealing Stantec Consulting | | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 11/16/2020 | | Date Received |
| Street or Route 12075 Corporate Pkwy, Suite 200 | | Telephone Number (608) 628-6278 | | Noted By | |
| City Mequon | | State WI | ZIP Code 53092 | Signature of Person Doing Work <i>Evin Deoss</i> | |
| | | | | Date Signed 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Washington
 WI Unique Well # of Removed Well: _____
 Hicap #: _____

Facility Name: WB Brewery Building LLC Parcels

Latitude / Longitude (see instructions):
 43°25'41.53" N
 88°11'3.65" W
 Format Code: DD DDM
 Method Code: GPS008 SCR002 OTH001

Facility ID (FID or PWS): 267213870

1/4 / 1/4 SE 1/4 SE Section 11 Township 11 N Range 19 E W

License/Permit/Monitoring #

Well Street Address: 445-485 North Main Street

Original Well Owner: WB Brewery Building LLC

Well City, Village or Town: West Bend Well ZIP Code: 53090

Present Well Owner: Chris Schmidt

Subdivision Name: _____ Lot #: _____

Mailing Address of Present Owner: 1423 Schloemer Drive

Reason for Removal from Service Investigation Complete
 WI Unique Well # of Replacement Well: _____

City of Present Owner: West Bend State: WI ZIP Code: 53095

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole
 Original Construction Date (mm/dd/yyyy): 11/16/2020
 If a Well Construction Report is available, please attach.

4. Pump, Liner, Screen, Casing & Sealing Material

- Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Direct-push

Required Method of Placing Sealing Material

- Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 4 Casing Diameter (in.): 2

Sealing Materials

- Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

For Monitoring Wells and Monitoring Well Boreholes Only:

- Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): > 4 ft

5. Material Used to Fill Well / Drillhole

| Material | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|----------------------|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips | |

6. Comments

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7. Supervision of Work **DNR Use Only**

| | | | | |
|--|------------------|--|----------------------------------|----------|
| Name of Person or Firm Doing Filling & Sealing: Stantec Consulting | License #: _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy): 11/16/2020 | Date Received | Noted By |
| Street or Route: 12075 Corporate Pkwy, Suite 200 | City: Mequon | State: WI ZIP Code: 53092 | Telephone Number: (608) 628-6278 | Comments |
| Signature of Person Doing Work: <i>Erin Deas</i> | | | Date Signed: 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: **Washington**
 WI Unique Well # of Removed Well: _____ Hicap #: _____
 Latitude / Longitude (see instructions):
 43°25'40.72" N
 88°11'5.03" W
 Format Code: DD DDM OTH001
 Method Code: GPS008 SCR002 OTH001
 ¼ / ¼ SE ¼ SE Section: **11** Township: **11 N** Range: **19** E W
 or Gov't Lot #: _____

Facility Name: **WB Brewery Building LLC Parcels**
 Facility ID (FID or PWS): **267213870**
 License/Permit/Monitoring #: _____
 Original Well Owner: **WB Brewery Building LLC**

Well Street Address: **445-485 North Main Street**

Present Well Owner: **Chris Schmidt**

Well City, Village or Town: **West Bend** Well ZIP Code: **53090**

Mailing Address of Present Owner: **1423 Schloemer Drive**

Subdivision Name: _____ Lot #: _____

City of Present Owner: **West Bend** State: **WI** ZIP Code: **53095**

Reason for Removal from Service Investigation Complete WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole
 Original Construction Date (mm/dd/yyyy): **11/16/2020**
 If a Well Construction Report is available, please attach.

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): **Direct-push**

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): **4** Casing Diameter (in.): **2**

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): **> 4 ft**

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

| Material | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|----------------------|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips | |
| | | | | |

6. Comments

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7. Supervision of Work **DNR Use Only**

| | | | | |
|---|--|---|--------------------------------|-----------------|
| Name of Person or Firm Doing Filling & Sealing: Stantec Consulting | License #: _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy): 11/16/2020 | Date Received: _____ | Noted By: _____ |
| Street or Route: 12075 Corporate Pkwy, Suite 200 | Telephone Number: (608) 628-6278 | Comments: _____ | | |
| City: Mequon State: WI ZIP Code: 53092 | Signature of Person Doing Work: <i>Erin Deas</i> | | Date Signed: 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|--|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment | |
| <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | | |

| 1. Well Location Information | | | | 2. Facility / Owner Information | | | |
|--|--|---|--|---|--|---|--|
| County Washington | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | | Facility Name WB Brewery Building LLC Parcels | |
| Latitude / Longitude (see instructions) 43°25'39.44" N 88°11'4.71" W | | Format Code <input type="checkbox"/> DD <input checked="" type="checkbox"/> DDM | | Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | | Facility ID (FID or PWS) 267213870 | |
| 1/4 / 1/4 SE / SE or Gov't Lot # | | Section 11 | | Township 11 N | | Range 19 <input checked="" type="checkbox"/> E <input type="checkbox"/> W | |
| Well Street Address 445-485 North Main Street | | | | Original Well Owner WB Brewery Building LLC | | | |
| Well City, Village or Town West Bend | | | | Well ZIP Code 53090 | | | |
| Subdivision Name | | | | Lot # | | Mailing Address of Present Owner 1423 Schloemer Drive | |
| Reason for Removal from Service Investigation Complete | | | | WI Unique Well # of Replacement Well _____ | | City of Present Owner West Bend | |
| | | | | | | State WI | |
| | | | | | | ZIP Code 53095 | |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | | | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | | | |
|--|--|--|--|---|--|--|--|--|--|
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 11/16/2020 | | Pump and piping removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | Liner(s) removed? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | | | Liner(s) perforated? | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Direct-push | | | | Screen removed? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | | | Casing left in place? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Total Well Depth From Ground Surface (ft.) 3 | | Casing Diameter (in.) 2 | | Was casing cut off below surface? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| Lower Drillhole Diameter (in.) | | Casing Depth (ft.) | | Did sealing material rise to surface? | | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | | Did material settle after 24 hours? | | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | |
| If yes, to what depth (feet)? | | Depth to Water (feet) > 3 ft | | If yes, was hole retopped? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| | | | | If bentonite chips were used, were they hydrated with water from a known safe source? | | | | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| | | | | Required Method of Placing Sealing Material | | | | | |
| | | | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped | | | | | |
| | | | | <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | | | |
| | | | | Sealing Materials | | | | | |
| | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete | | | | | |
| | | | | <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | | | |
| | | | | For Monitoring Wells and Monitoring Well Boreholes Only: | | | | | |
| | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout | | | | | |
| | | | | <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | | | |

| 5. Material Used to Fill Well / Drillhole | | | |
|---|----------|---|-------------------------|
| From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
| bentonite chips, 3/8 | Surface | 3 | 0.25 bags of chips |
| | | | |

6. Comments
SB-20

| 7. Supervision of Work | | | | DNR Use Only | |
|---|--------------------|--------------------------|---|----------------------------------|----------|
| Name of Person or Firm Doing Filling & Sealing Stantec Consulting | | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 11/16/2020 | Date Received | Noted By |
| Street or Route 12075 Corporate Pkwy, Suite 200 | | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092 | Signature of Person Doing Work <i>Evin Deoss</i> | Date Signed 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Washington
 WI Unique Well # of Removed Well: _____
 Hicap #: _____

Facility Name: WB Brewery Building LLC Parcels

Latitude / Longitude (see instructions):
 43°25'39.41" N
 88°11'2.52" W
 Format Code: DD DDM
 Method Code: GPS008 SCR002 OTH001

Facility ID (FID or PWS): 267213870
 License/Permit/Monitoring #: _____

1/4 / 1/4 SE 1/4 SE Section 11 Township 11 N Range 19 E
 or Gov't Lot # W

Original Well Owner: WB Brewery Building LLC

Well Street Address: 445-485 North Main Street

Present Well Owner: Chris Schmidt

Well City, Village or Town: West Bend Well ZIP Code: 53090

Mailing Address of Present Owner: 1423 Schloemer Drive

Subdivision Name: _____ Lot #: _____

City of Present Owner: West Bend State: WI ZIP Code: 53095

Reason for Removal from Service Investigation Complete WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well Original Construction Date (mm/dd/yyyy): 11/16/2020
 Water Well If a Well Construction Report is available, please attach.
 Borehole / Drillhole

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Direct-push

Formation Type:
 Unconsolidated Formation Bedrock

Total Well Depth From Ground Surface (ft.): 4 Casing Diameter (in.): 2

Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____ Depth to Water (feet): > 4 ft

4. Pump, Liner, Screen, Casing & Sealing Material

- Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips
 For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

| 5. Material Used to Fill Well / Drillhole | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips | |
| | | | | |

6. Comments

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7. Supervision of Work **DNR Use Only**

| | | | | |
|--|------------------|--|----------------------------------|-----------------|
| Name of Person or Firm Doing Filling & Sealing: Stantec Consulting | License #: _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy): 11/16/2020 | Date Received: _____ | Noted By: _____ |
| Street or Route: 12075 Corporate Pkwy, Suite 200 | City: Mequon | State: WI ZIP Code: 53092 | Telephone Number: (608) 628-6278 | Comments: _____ |
| Signature of Person Doing Work: <i>Erin Deas</i> | | | Date Signed: 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|---|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| | <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| | <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | |

| 1. Well Location Information | | | 2. Facility / Owner Information | | |
|------------------------------|---|------------------|--|--|--|
| County Washington | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name WB Brewery Building LLC Parcels | | |

| | | | | | |
|--|---|---|---------------------------------------|--|--|
| Latitude / Longitude (see instructions) 43°25'37.13" N 88°11'3.41" W | Format Code <input type="checkbox"/> DD <input checked="" type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input checked="" type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | Facility ID (FID or PWS) 267051620 | | |
|--|---|---|---------------------------------------|--|--|

| | | | | | | | | |
|----------------------------|------|---------------|------------------|-------------|---|--|--|--|
| ¼ / ¼ SE or Gov't Lot # | ¼ SE | Section 11 | Township 11 N | Range 19 | E <input checked="" type="checkbox"/> W <input type="checkbox"/> | Original Well Owner WB Brewery Building LLC | | |
|----------------------------|------|---------------|------------------|-------------|---|--|--|--|

| | | | | | |
|--|--|--|-------------------------------------|--|--|
| Well Street Address 445-485 North Main Street | | | Present Well Owner Chris Schmidt | | |
|--|--|--|-------------------------------------|--|--|

| | | | | | | | | |
|---|--|--|------------------------|--|--|--|--|--|
| Well City, Village or Town West Bend | | | Well ZIP Code 53090 | | | Mailing Address of Present Owner 1423 Schloemer Drive | | |
|---|--|--|------------------------|--|--|--|--|--|

| | | | | | | | | | | |
|------------------|--|--|-------|--|--|------------------------------------|--|-------------|-------------------|--|
| Subdivision Name | | | Lot # | | | City of Present Owner West Bend | | State WI | ZIP Code 53095 | |
|------------------|--|--|-------|--|--|------------------------------------|--|-------------|-------------------|--|

| Reason for Removal from Service Investigation Complete | | WI Unique Well # of Replacement Well _____ | | 4. Pump, Liner, Screen, Casing & Sealing Material | | | | | | | |
|--|--|---|--|---|--|--|--|--|--|--|--|
|--|--|---|--|---|--|--|--|--|--|--|--|

| 3. Filled & Sealed Well / Drillhole / Borehole Information | | | | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | | | | | |
|--|--|--|--|---|--|--|--|--|--|--|--|
| <input type="checkbox"/> Monitoring Well | | Original Construction Date (mm/dd/yyyy) 11/16/2020 | | Required Method of Placing Sealing Material | | | | | | | |
| <input type="checkbox"/> Water Well | | If a Well Construction Report is available, please attach. | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | | | | | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | | | Sealing Materials | | | | | | | |
| Construction Type: | | | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | | | | | |
| <input type="checkbox"/> Drilled | | <input type="checkbox"/> Driven (Sandpoint) | | <input type="checkbox"/> Dug | | <input checked="" type="checkbox"/> Other (specify): Direct-push | | For Monitoring Wells and Monitoring Well Boreholes Only: | | | |
| Formation Type: | | | | <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | | | | | |
| <input checked="" type="checkbox"/> Unconsolidated Formation | | <input type="checkbox"/> Bedrock | | | | | | | | | |

| | | | | | | | | | | | |
|---|--|----------------------------|--|--|--|--|--|--|--|--|--|
| Total Well Depth From Ground Surface (ft.) 4 | | Casing Diameter (in.) 2 | | | | | | | | | |
|---|--|----------------------------|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | |
|--------------------------------|--|--------------------|--|--|--|--|--|--|--|--|--|
| Lower Drillhole Diameter (in.) | | Casing Depth (ft.) | | | | | | | | | |
|--------------------------------|--|--------------------|--|--|--|--|--|--|--|--|--|

| | | | | | | | | | | | |
|---|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown | | | | | | | | | | | |
| If yes, to what depth (feet)? | | Depth to Water (feet) > 4 ft | | | | | | | | | |

| 5. Material Used to Fill Well / Drillhole | | | | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|--|--|--|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | | | | Surface | 4 | 0.25 bags of chips | |
| | | | | | | | |

| 6. Comments | | | | | | | |
|-------------|--|--|--|--|--|--|--|
| SB-22 | | | | | | | |

| 7. Supervision of Work | | | | | | DNR Use Only | |
|--|--|-------------|-------------------|--|--|---------------|---------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec Consulting | | | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 11/16/2020 | | Date Received | Noted By |
| Street or Route 12075 Corporate Pkwy, Suite 200 | | | | Telephone Number (608) 628-6278 | | Comments | |
| City Mequon | | State WI | ZIP Code 53092 | | Signature of Person Doing Work <i>Evin Deas</i> | | Date Signed 12/17/2020 |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Washington
 WI Unique Well # of Removed Well: _____
 Hicap #: _____
 Latitude / Longitude (see instructions):
 43°25'39.00" N
 88°11'3.78" W
 Format Code: DD DDM
 Method Code: GPS008 SCR002 OTH001
 ¼ / ¼ SE ¼ SE Section: 11 Township: 11 N Range: 19 E W
 Well Street Address: 445-485 North Main Street
 Well City, Village or Town: West Bend Well ZIP Code: 53090
 Subdivision Name: _____ Lot #: _____

Facility Name: WB Brewery Building LLC Parcels
 Facility ID (FID or PWS): 267051620
 License/Permit/Monitoring #: _____
 Original Well Owner: WB Brewery Building LLC
 Present Well Owner: Chris Schmidt
 Mailing Address of Present Owner: 1423 Schloemer Drive
 City of Present Owner: West Bend State: WI ZIP Code: 53095

Reason for Removal from Service Investigation Complete
 WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

Monitoring Well
 Water Well
 Borehole / Drillhole
 Original Construction Date (mm/dd/yyyy): 11/16/2020
 If a Well Construction Report is available, please attach.
 Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Direct-push
 Formation Type:
 Unconsolidated Formation Bedrock
 Total Well Depth From Ground Surface (ft.): 4 Casing Diameter (in.): 2
 Lower Drillhole Diameter (in.): _____ Casing Depth (ft.): _____
 Was well annular space grouted? Yes No Unknown
 If yes, to what depth (feet)? _____ Depth to Water (feet): > 4 ft

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed? Yes No N/A
 Liner(s) removed? Yes No N/A
 Liner(s) perforated? Yes No N/A
 Screen removed? Yes No N/A
 Casing left in place? Yes No N/A
 Was casing cut off below surface? Yes No N/A
 Did sealing material rise to surface? Yes No N/A
 Did material settle after 24 hours? Yes No N/A
 If yes, was hole retopped? Yes No N/A
 If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A
 Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____
 Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips
 For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

| 5. Material Used to Fill Well / Drillhole | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|------------|----------|---|-------------------------|
| bentonite chips, 3/8 | Surface | 4 | 0.25 bags of chips | |
| | | | | |

6. Comments

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7. Supervision of Work **DNR Use Only**

| | | | | |
|--|------------------|--|----------------------------------|---|
| Name of Person or Firm Doing Filling & Sealing: Stantec Consulting | License #: _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy): 11/16/2020 | Date Received | Noted By |
| Street or Route: 12075 Corporate Pkwy, Suite 200 | City: Mequon | State: WI ZIP Code: 53092 | Telephone Number: (608) 628-6278 | Signature of Person Doing Work: <i>Evin Deoss</i> |
| Comments | | | Date Signed: 12/17/2020 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|---|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| | <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| | <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | |

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|--|--|---|
| County Washington | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name Former West Bend Brewing Property |
| Latitude / Longitude (see instructions) _____ N _____ W | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | Facility ID (FID or PWS) _____ |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | License/Permit/Monitoring # _____ |
| Well Street Address 415, 445 & 447 North Main St | Range <input type="checkbox"/> E <input type="checkbox"/> W | Original Well Owner WB Brewery Building LLC | Present Well Owner WB Brewery Building LLC |
| Well City, Village or Town City of West Bend | Well ZIP Code 53095 | Mailing Address of Present Owner 1423 Schloemer Drive | |
| Subdivision Name | Lot # | City of Present Owner City of West Bend | State WI |
| | | | ZIP Code 53095 |

3. Filled & Sealed Well / Drillhole / Borehole Information **4. Pump, Liner, Screen, Casing & Sealing Material**

| | | | |
|--|--|---|--|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Monitoring Well | Original Construction Date (mm/dd/yyyy) 09/13/2019 | Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | |
| <input type="checkbox"/> Water Well | If a Well Construction Report is available, please attach. | Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push | Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches | From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 10 1/2 sack | |
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown | Depth to Water (feet) N/A | | |

5. Material Used to Fill Well / Drillhole

| | | | | |
|-----------------------------|------------------------------|-----------------------|--|-------------------------|
| 3/8" bentonite chips | From (ft.) Surface | To (ft.) 10 | No. Yards, Sacks Sealant or Volume (circle one) 1/2 sack | Mix Ratio or Mud Weight |
| | | | | |

6. Comments

SB-1

7. Supervision of Work **DNR Use Only**

| | | | | |
|--|--|---|---|----------------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | Telephone Number (608) 628-6278 | Comments | | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information 2. Facility / Owner Information

| | | | | | |
|---|---|--|------------------------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | | Hicap # _____ | |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | |
| ¼ / ¼ or Govt Lot # | ¼ | Section | Township N | Range | <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | | | |
| Well City, Village or Town City of West Bend | | | Well ZIP Code 53095 | | |
| Subdivision Name | | | Lot # | | |

| | | |
|--|--|-------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | | State WI |
| | | ZIP Code 53095 |

| | |
|--|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|--|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|--|---|
| <input type="checkbox"/> Monitoring Well | Original Construction Date (mm/dd/yyyy) 09/13/2019 |
| <input type="checkbox"/> Water Well | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | If a Well Construction Report is available, please attach. _____ |

| | | |
|--|---|------------------------------|
| Construction Type: | | |
| <input type="checkbox"/> Drilled | <input type="checkbox"/> Driven (Sandpoint) | <input type="checkbox"/> Dug |
| <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push | | |

| | |
|--|----------------------------------|
| Formation Type: | |
| <input checked="" type="checkbox"/> Unconsolidated Formation | <input type="checkbox"/> Bedrock |

| | |
|--|-----------------------------------|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown | |
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |

5. Material Used to Fill Well / Drillhole

| | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|----------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 7.5 | 1/2 sack | |
| | | | | |

6. Comments

SB-2

7. Supervision of Work

| | | | | | |
|---|--------------------|--|---|---------------------------|--|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | DNR Use Only | | |
| | | | Date Received | Noted By | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments | | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Stoss</i> | Date Signed 10/17/2019 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | Hicap # _____ |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| ¼ / ¼ or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|---|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

Construction Type:

Drilled Driven (Sandpoint) Dug
 Other (specify): **Geoprobe: Direct-push**

Formation Type:

Unconsolidated Formation Bedrock

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

Was well annular space grouted? Yes No Unknown

| | |
|-------------------------------|--------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) 10.5 |
|-------------------------------|--------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|--|---|
| Pump and piping removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |

Required Method of Placing Sealing Material

Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Sealing Materials

Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

5. Material Used to Fill Well / Drillhole

| | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 13.5 | 1/2 sack | |
| | | | | |

6. Comments

SB-3

7. Supervision of Work

| | | | | |
|--|-------------------------------|---|--|----------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | DNR Use Only | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | | Date Received | Noted By |
| City Mequon | | | Telephone Number (608) 628-6278 | Comments |
| State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | |
|--|---|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: <input type="checkbox"/> Drinking Water <input type="checkbox"/> Watershed/Wastewater <input checked="" type="checkbox"/> Remediation/Redevelopment <input type="checkbox"/> Waste Management <input type="checkbox"/> Other: _____ |
|--|---|

| 1. Well Location Information | 2. Facility / Owner Information |
|------------------------------|---------------------------------|
|------------------------------|---------------------------------|

| | | | | | |
|---|---|------------------|--|--|-----------------------------------|
| County Washington | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name Former West Bend Brewing Property | | |
| Latitude / Longitude (see instructions) _____ N _____ W | | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | Facility ID (FID or PWS) _____ |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W | License/Permit/Monitoring # _____ | |
| Well Street Address 415, 445 & 447 North Main St | | | Original Well Owner WB Brewery Building LLC | | |
| Well City, Village or Town City of West Bend | | | Well ZIP Code 53095 | | |
| Subdivision Name | | | Lot # | Present Well Owner WB Brewery Building LLC | |
| Reason for Removal from Service Temporary | | | Mailing Address of Present Owner 1423 Schloemer Drive | | |
| WI Unique Well # of Replacement Well _____ | | | City of Present Owner City of West Bend | | State WI |
| | | | | | ZIP Code 53095 |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | 4. Pump, Liner, Screen, Casing & Sealing Material |
|--|---|
|--|---|

| | | | | | |
|--|---|---|--|--|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Geoprobe: Direct-push</u> | | Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | |
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches | For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A | From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 4 1/2 sack | | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown | Depth to Water (feet) N/A | | | | |

| 5. Material Used to Fill Well / Drillhole | 6. Comments |
|---|-------------|
|---|-------------|

| | |
|----------------------|--|
| 3/8" bentonite chips | |
|----------------------|--|

| 7. Supervision of Work | DNR Use Only |
|------------------------|--------------|
|------------------------|--------------|

| | | | | |
|---|------------------------|--|-------------------------------------|---------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | | | Telephone Number (608) 628-6278 | |
| City Mequon | | | Comments | |
| State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | | Date Signed 10/17/2019 |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Washington
WI Unique Well # of Removed Well: _____
Hicap #: _____

Facility Name: Former West Bend Brewing Property
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 or Govt Lot #: _____
Section: _____ Township: _____ Range: E W

Original Well Owner: WB Brewery Building LLC

Well Street Address: 415, 445 & 447 North Main St

Present Well Owner: WB Brewery Building LLC

Well City, Village or Town: City of West Bend
Well ZIP Code: 53095

Mailing Address of Present Owner: 1423 Schloemer Drive

Subdivision Name: _____ Lot #: _____

City of Present Owner: City of West Bend
State: WI ZIP Code: 53095

Reason for Removal from Service: Temporary
WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

4. Pump, Liner, Screen, Casing & Sealing Material

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 09/13/2019
If a Well Construction Report is available, please attach.

Pump and piping removed? Yes No N/A
Liner(s) removed? Yes No N/A
Liner(s) perforated? Yes No N/A
Screen removed? Yes No N/A
Casing left in place? Yes No N/A

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Geoprobe: Direct-push

Was casing cut off below surface? Yes No N/A
Did sealing material rise to surface? Yes No N/A
Did material settle after 24 hours? Yes No N/A
If yes, was hole retopped? Yes No N/A
If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Formation Type:
 Unconsolidated Formation Bedrock

Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Total Well Depth From Ground Surface (ft.): N/A
Casing Diameter (in.): 2-inches

Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

Lower Drillhole Diameter (in.): 2-inches
Casing Depth (ft.): N/A

For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____
Depth to Water (feet): N/A

5. Material Used to Fill Well / Drillhole

| Material | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|----------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |
| | | | | |

6. Comments

SB-5

7. Supervision of Work **DNR Use Only**

| Supervision of Work | | | DNR Use Only | |
|---|-------------|--|---|---------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 |

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| | | | |
|--|---|---|---|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| | <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| | <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | |

| 1. Well Location Information | 2. Facility / Owner Information |
|------------------------------|---------------------------------|
|------------------------------|---------------------------------|

| | | | | | |
|---|---|--|--|--------------------------------------|---|
| County Washington | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name Former West Bend Brewing Property | | |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | Facility ID (FID or PWS) _____ | |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W | License/Permit/Monitoring # _____ | |
| Well Street Address 415, 445 & 447 North Main St | | | Original Well Owner WB Brewery Building LLC | | |
| Well City, Village or Town City of West Bend | | | Well ZIP Code 53095 | | |
| Subdivision Name | | | Lot # | | Present Well Owner WB Brewery Building LLC |
| Reason for Removal from Service Temporary | | | WI Unique Well # of Replacement Well _____ | | |
| Well Street Address 415, 445 & 447 North Main St | | | Mailing Address of Present Owner 1423 Schloemer Drive | | |
| Well City, Village or Town City of West Bend | | | Well ZIP Code 53095 | | City of Present Owner City of West Bend |
| Subdivision Name | | | Lot # | | State WI |
| Reason for Removal from Service Temporary | | | WI Unique Well # of Replacement Well _____ | | ZIP Code 53095 |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | 4. Pump, Liner, Screen, Casing & Sealing Material |
|--|---|
|--|---|

| | | | | | |
|--|--|---|--|--|--|
| <input type="checkbox"/> Monitoring Well | Original Construction Date (mm/dd/yyyy) 09/13/2019 | Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Liner(s) perforated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Water Well | If a Well Construction Report is available, please attach. | | | | |
| <input checked="" type="checkbox"/> Borehole / Drillhole | | Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | |
| Construction Type: <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): <u>Geoprobe: Direct-push</u> | | Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | |
| Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches | | | | |
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) 7 | | | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown | | | | | |
| If yes, to what depth (feet)? | Depth to Water (feet) 6 | | | | |

| 5. Material Used to Fill Well / Drillhole | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|---|------------|----------|---|-------------------------|
|---|------------|----------|---|-------------------------|

| | | | | |
|----------------------|---------|----|----------|--|
| 3/8" bentonite chips | Surface | 12 | 1/2 sack | |
| | | | | |

| 6. Comments |
|-------------|
|-------------|

SB-6 / TW-1

| 7. Supervision of Work | DNR Use Only |
|------------------------|--------------|
|------------------------|--------------|

| | | | | |
|---|--------------------|--|---|---------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

| | | | |
|--|---|---|---|
| <input type="checkbox"/> Verification Only of Fill and Seal | Route to DNR Bureau: | | |
| | <input type="checkbox"/> Drinking Water | <input type="checkbox"/> Watershed/Wastewater | <input checked="" type="checkbox"/> Remediation/Redevelopment |
| | <input type="checkbox"/> Waste Management | <input type="checkbox"/> Other: _____ | |

| 1. Well Location Information | 2. Facility / Owner Information |
|------------------------------|---------------------------------|
|------------------------------|---------------------------------|

| | | | | | |
|--|---|--|--|--------------------------------------|--|
| County Washington | WI Unique Well # of Removed Well _____ | Hicap # _____ | Facility Name Former West Bend Brewing Property | | |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 | Facility ID (FID or PWS) _____ | |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W | License/Permit/Monitoring # _____ | |
| Well Street Address 415, 445 & 447 North Main St | | | Original Well Owner WB Brewery Building LLC | | |
| Well City, Village or Town City of West Bend | | | Present Well Owner WB Brewery Building LLC | | |
| Subdivision Name | | | Mailing Address of Present Owner 1423 Schloemer Drive | | |
| Well ZIP Code 53095 | | | City of Present Owner City of West Bend | | |
| Lot # | | | State WI | ZIP Code 53095 | |

| 3. Filled & Sealed Well / Drillhole / Borehole Information | 4. Pump, Liner, Screen, Casing & Sealing Material |
|--|---|
|--|---|

| | | | | | |
|--|---|---|--|--|--|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ | <input type="checkbox"/> Pump and piping removed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Liner(s) removed? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Liner(s) perforated? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Screen removed? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Casing left in place? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | | | |
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. | | | |
| Construction Type: | | Required Method of Placing Sealing Material | | | |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push | | <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | | | |
| Formation Type: | | Sealing Materials | | | |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock | | <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | | | |
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches | For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | | | |
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) 10 | From (ft.) To (ft.) No. Yards, Sacks Sealant or Volume (circle one) Mix Ratio or Mud Weight Surface 15 1/2 sack | | | |
| Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown | Depth to Water (feet) 14.5 | | | | |

| 5. Material Used to Fill Well / Drillhole | 6. Comments |
|---|-------------|
|---|-------------|

| | |
|-----------------------------|--|
| 3/8" bentonite chips | |
| | |

| 7. Supervision of Work | DNR Use Only |
|------------------------|--------------|
|------------------------|--------------|

| | | | | | |
|--|--------------------|---|---|-------------------|--|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received _____ | Noted By _____ | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments _____ | | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | | |
| | | | Date Signed 10/17/2019 | | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | Hicap # _____ |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|---|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

| |
|--|
| Construction Type: |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push |

| |
|---|
| Formation Type: |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock |

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

| | |
|---------------------------------|--|
| Was well annular space grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
|---------------------------------|--|

| | |
|-------------------------------|-------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |
|-------------------------------|-------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|--|---|
| Pump and piping removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |

| | |
|---|--|
| Required Method of Placing Sealing Material | |
| <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |

| | |
|---|--|
| Sealing Materials | |
| <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |

| | |
|--|--|
| For Monitoring Wells and Monitoring Well Boreholes Only: | |
| <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |

5. Material Used to Fill Well / Drillhole

| Material | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |

6. Comments

SB-8

7. Supervision of Work

| | | | | | |
|--|--|-----------------------|---|---|----------------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | DNR Use Only | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | City Mequon | State WI | Telephone Number (608) 628-6278 | Date Received |
| City Mequon | | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Noted By |
| | | | | Comments | Date Signed 10/17/2019 |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | Hicap # _____ |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|---|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

| |
|--|
| Construction Type: |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push |

| |
|---|
| Formation Type: |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock |

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

| | |
|---------------------------------|--|
| Was well annular space grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
|---------------------------------|--|

| | |
|-------------------------------|-------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |
|-------------------------------|-------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | |
|---|--|
| Pump and piping removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |

| | |
|---|--|
| Required Method of Placing Sealing Material | |
| <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |

| | |
|---|--|
| Sealing Materials | |
| <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |

| | |
|--|--|
| For Monitoring Wells and Monitoring Well Boreholes Only: | |
| <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |

5. Material Used to Fill Well / Drillhole

| | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |
| | | | | |

6. Comments

SB-9

7. Supervision of Work **DNR Use Only**

| | | | | |
|--|--------------------|---|---|----------------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 |

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Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

County: Washington
WI Unique Well # of Removed Well: _____
Hicap #: _____

Facility Name: Former West Bend Brewing Property
Facility ID (FID or PWS): _____

Latitude / Longitude (see instructions): _____ N _____ W
Format Code: DD DDM
Method Code: GPS008 SCR002 OTH001

License/Permit/Monitoring #: _____

1/4 / 1/4 or Govt Lot #: _____
Section: _____ Township: _____ Range: E W

Original Well Owner: WB Brewery Building LLC

Well Street Address: 415, 445 & 447 North Main St

Present Well Owner: WB Brewery Building LLC

Well City, Village or Town: City of West Bend
Well ZIP Code: 53095

Mailing Address of Present Owner: 1423 Schloemer Drive

Subdivision Name: _____ Lot #: _____

City of Present Owner: City of West Bend
State: WI ZIP Code: 53095

Reason for Removal from Service: Temporary
WI Unique Well # of Replacement Well: _____

3. Filled & Sealed Well / Drillhole / Borehole Information

4. Pump, Liner, Screen, Casing & Sealing Material

Monitoring Well
 Water Well
 Borehole / Drillhole
Original Construction Date (mm/dd/yyyy): 09/13/2019
If a Well Construction Report is available, please attach.

Pump and piping removed? Yes No N/A
Liner(s) removed? Yes No N/A
Liner(s) perforated? Yes No N/A
Screen removed? Yes No N/A
Casing left in place? Yes No N/A
Was casing cut off below surface? Yes No N/A
Did sealing material rise to surface? Yes No N/A
Did material settle after 24 hours? Yes No N/A
If yes, was hole retopped? Yes No N/A
If bentonite chips were used, were they hydrated with water from a known safe source? Yes No N/A

Construction Type:
 Drilled Driven (Sandpoint) Dug
 Other (specify): Geoprobe: Direct-push

Required Method of Placing Sealing Material:
 Conductor Pipe-Gravity Conductor Pipe-Pumped
 Screened & Poured (Bentonite Chips) Other (Explain): _____

Formation Type:
 Unconsolidated Formation Bedrock

Sealing Materials:
 Neat Cement Grout Concrete
 Sand-Cement (Concrete) Grout Bentonite Chips

Total Well Depth From Ground Surface (ft.): N/A
Casing Diameter (in.): 2-inches

Lower Drillhole Diameter (in.): 2-inches
Casing Depth (ft.): N/A

For Monitoring Wells and Monitoring Well Boreholes Only:
 Bentonite Chips Bentonite - Cement Grout
 Granular Bentonite Bentonite - Sand Slurry

Was well annular space grouted? Yes No Unknown

If yes, to what depth (feet)? _____
Depth to Water (feet): N/A

5. Material Used to Fill Well / Drillhole

| From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|------------|----------|---|-------------------------|
| Surface | 4 | 1/2 sack | |
| | | | |

3/8" bentonite chips

6. Comments

SB-10

7. Supervision of Work **DNR Use Only**

| | | | | |
|---|------------------|--|-------------------------|----------------------------------|
| Name of Person or Firm Doing Filling & Sealing: Stantec | License #: _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy): 09/13/2019 | Date Received: _____ | Noted By: _____ |
| Street or Route: 12075 Corporate Parkway, Suite 200 | City: Mequon | State: WI | ZIP Code: 53092-2649 | Telephone Number: (608) 628-6278 |
| Signature of Person Doing Work: <i>Erin Deoss</i> | | | Date Signed: 10/17/2019 | |

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Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | Hicap # _____ |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|---|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

| |
|--|
| Construction Type: |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push |

| |
|---|
| Formation Type: |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock |

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

| | |
|---------------------------------|--|
| Was well annular space grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
|---------------------------------|--|

| | |
|-------------------------------|-------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |
|-------------------------------|-------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|--|---|
| Pump and piping removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |

| |
|---|
| Required Method of Placing Sealing Material |
| <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ |

| |
|---|
| Sealing Materials |
| <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips |

| |
|--|
| For Monitoring Wells and Monitoring Well Boreholes Only: |
| <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry |

5. Material Used to Fill Well / Drillhole

| | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |
| | | | | |

6. Comments

SB-11

7. Supervision of Work

| | | | | |
|--|-------------------------------|---|--|----------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # _____ | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | DNR Use Only | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | | Date Received | Noted By |
| City Mequon | | | Telephone Number (608) 628-6278 | Comments |
| State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well _____ | Hicap # _____ |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) _____ | | |
| License/Permit/Monitoring # _____ | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|---|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well _____ |
|---|---|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

| |
|--|
| Construction Type: |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push |

| |
|---|
| Formation Type: |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock |

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

| | |
|---------------------------------|--|
| Was well annular space grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
|---------------------------------|--|

| | |
|-------------------------------|-------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |
|-------------------------------|-------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | |
|---|--|
| Pump and piping removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |

| | |
|---|--|
| Required Method of Placing Sealing Material | |
| <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |

| | |
|---|--|
| Sealing Materials | |
| <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |

| | |
|--|--|
| For Monitoring Wells and Monitoring Well Boreholes Only: | |
| <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |

5. Material Used to Fill Well / Drillhole

| | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |
| | | | | |

6. Comments

SB-12

7. Supervision of Work

| | | | | | |
|--|--|---|---|----------------------------------|---------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | DNR Use Only | |
| Street or Route 12075 Corporate Parkway, Suite 200 | | City Mequon | State WI | ZIP Code 53092-2649 | Date Received |
| Telephone Number (608) 628-6278 | | Signature of Person Doing Work <i>Evan Deoss</i> | | Noted By | |
| Comments | | | | Date Signed 10/17/2019 | |

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

- Drinking Water Watershed/Wastewater Remediation/Redevelopment
 Waste Management Other: _____

1. Well Location Information **2. Facility / Owner Information**

| | | | |
|--|---------|--|--|
| County Washington | | WI Unique Well # of Removed Well | Hicap # |
| Latitude / Longitude (see instructions) _____ N _____ W | | Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM | Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001 |
| 1/4 / 1/4 or Govt Lot # | Section | Township N | Range <input type="checkbox"/> E <input type="checkbox"/> W |
| Well Street Address 415, 445 & 447 North Main St | | | |
| Well City, Village or Town City of West Bend | | Well ZIP Code 53095 | |
| Subdivision Name | | Lot # | |

| | | |
|---|--------------------|--------------------------|
| Facility Name Former West Bend Brewing Property | | |
| Facility ID (FID or PWS) | | |
| License/Permit/Monitoring # | | |
| Original Well Owner WB Brewery Building LLC | | |
| Present Well Owner WB Brewery Building LLC | | |
| Mailing Address of Present Owner 1423 Schloemer Drive | | |
| City of Present Owner City of West Bend | State WI | ZIP Code 53095 |

| | |
|---|--------------------------------------|
| Reason for Removal from Service Temporary | WI Unique Well # of Replacement Well |
|---|--------------------------------------|

3. Filled & Sealed Well / Drillhole / Borehole Information

| | |
|---|--|
| <input type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input checked="" type="checkbox"/> Borehole / Drillhole | Original Construction Date (mm/dd/yyyy) 09/13/2019 If a Well Construction Report is available, please attach. |
|---|--|

| |
|--|
| Construction Type: |
| <input type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input checked="" type="checkbox"/> Other (specify): Geoprobe: Direct-push |

| |
|---|
| Formation Type: |
| <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock |

| | |
|--|--|
| Total Well Depth From Ground Surface (ft.) N/A | Casing Diameter (in.) 2-inches |
|--|--|

| | |
|---|----------------------------------|
| Lower Drillhole Diameter (in.) 2-inches | Casing Depth (ft.) N/A |
|---|----------------------------------|

| | |
|---------------------------------|--|
| Was well annular space grouted? | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown |
|---------------------------------|--|

| | |
|-------------------------------|-------------------------------------|
| If yes, to what depth (feet)? | Depth to Water (feet) N/A |
|-------------------------------|-------------------------------------|

4. Pump, Liner, Screen, Casing & Sealing Material

| | | | |
|---|---|--|---|
| Pump and piping removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Liner(s) perforated? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Screen removed? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Casing left in place? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| Was casing cut off below surface? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did sealing material rise to surface? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Did material settle after 24 hours? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No | <input type="checkbox"/> N/A |
| If yes, was hole retopped? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |
| If bentonite chips were used, were they hydrated with water from a known safe source? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input checked="" type="checkbox"/> N/A |

| | |
|---|--|
| Required Method of Placing Sealing Material | |
| <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____ | |

| | |
|---|--|
| Sealing Materials | |
| <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips | |

| | |
|--|--|
| For Monitoring Wells and Monitoring Well Boreholes Only: | |
| <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry | |

5. Material Used to Fill Well / Drillhole

| Material | From (ft.) | To (ft.) | No. Yards, Sacks Sealant or Volume (circle one) | Mix Ratio or Mud Weight |
|-----------------------------|------------|----------|---|-------------------------|
| 3/8" bentonite chips | Surface | 4 | 1/2 sack | |
| | | | | |

6. Comments

SB-13

7. Supervision of Work **DNR Use Only**

| | | | | |
|--|--------------------|---|---|----------------------------------|
| Name of Person or Firm Doing Filling & Sealing Stantec | License # | Date of Filling & Sealing or Verification (mm/dd/yyyy) 09/13/2019 | Date Received | Noted By |
| Street or Route 12075 Corporate Parkway, Suite 200 | | Telephone Number (608) 628-6278 | Comments | |
| City Mequon | State WI | ZIP Code 53092-2649 | Signature of Person Doing Work <i>Evan Deoss</i> | Date Signed 10/17/2019 |

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-1 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat ° ' " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long ° ' " | | Feet <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | | |
|------------------------------|---------------------------------|-------------|---------------|---|---------|----------------|-----------------|---------|-------------------------|---------------------|-----------------|---------------------|-------|------------------|--|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | | |
| (0-0.5) | 6 | | | Topsoil, dark brown, moist, no odor | | | | 0.0 | | | | | | | | |
| (0.5-1.5) | 12 | | | Sand and gravel with some clay, dark grayish brown, medium to coarse, firm, moist, no odor, angular, well graded, some black flecks | | | | 0.0 | | | | | | | | |
| (1.5-3) | 18 | | 1.5 | | | | | | 0.0 | | | | | | | |
| (3-4) | 12 | | 3.0 | | | | | | 0.0 | | | | | | | |
| (4-6) | 24 | | 4.5 | | | | | | 0.0 | | | | | | | |
| (6-8) | 24 | | 6.0 | | | | | 0.0 | | | | | | | | |
| (8-10) | 24 | | 7.5 | | | | | 0.0 | | | | | | | | |
| (10-11.5) | 18 | | 9.0 | SILTY SAND with gravel, dark grayish brown, fine to medium, firm, moist, no odor, angular, well graded | SC | | | 0.0 | | | | | | | | |
| (11.5-12) | 6 | | | Clayey sand with some gravel, yellowish brown, fine to medium, firm, saturated, no odor, angular, well graded | | | | 0.0 | | | | | | | | |
| (12-13.5) | 18 | | | End of Borehole @ 10 feet below grade | | | | 0.0 | | | | | | | | |
| (13.5-14.5) | 12 | | | | | | | 0.0 | | | | | | | | |

Refusal @ 10 feet

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--------------------------------|--|---|
| Signature <i>Eoin Dooss</i> | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--------------------------------|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-2 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-0.5) | 6 | | | Crumbly concrete, white, dry, no odor, | | | | 0.0 | | | | | | |
| (0.5-2.5) | 30 | | 1.5 | Sand with gravel, grayish brown, find to medium, slightly moist, slight odor, no staining, subrounded, well graded, small plant roots | GW | | | 0.0 | | | | | | |
| (2.5-3.5) | 12 | | 3.0 | Clayey sand and gravel, dark brown, medium grain, moist, no odor, subangular, well graded, some plant roots | SC | | | 0.0 | | | | | | |
| (4-6) | 24 | | 4.5 | Crumbly fill, white, slightly moist, no odor, some plant roots | | | | 0.0 | | | | | | |
| (6-7.5) | 18 | | 6.0 | End of Borehole @ 7.5 feet below grade | | | | 0.0 | | | | | | |
| | | | 7.5 | | | | | | | | | | | |

Refusal @ 7.5 feet

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Eoin Deas* Firm **Stantec Consulting Services, Inc.** 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 Tel:(608) 628-6278 Fax: (262) 241-4901

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-3 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat ° ' " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long ° ' " | | Feet <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| (0-1.0) | 12 | | | Pulverised Concrete, some medium sand (yellow-brown), dry, no odor | | | | 0.0 | | | | | | | |
| (1-3.0) | 24 | | 1.5 | Clayey Sand & Gravel, brown sand, fine to medium grain, sub-angular, dry, no odor | | | | 2.0 | | | | | | | |
| (3.0-5.0) | 24 | | 3.0 | | SC | | | 0.0 | | | | | | | |
| (5.0-6.0) | 12 | | 4.5 | Peaty Clay, dark brown, organic material, no odor, trace gravel, lean, soft, moist | | | | 0.0 | | | | | | | |
| (6.0-8.0) | 24 | | 6.0 | Clayey Silt, brown, stiff, no odor, moist | CL-ML | | | 0.0 | | | | | | | |
| (8.0-10.0) | 24 | | 7.5 | | | | | 0.0 | | | | | | | |
| (10.0-11.0) | 12 | | 9.0 | Clayey/Silty sand & Gravel, most, no odor, moist, angular, fine to medium grain | CL-ML | | | 0.0 | | | | | | | |
| (10.0-11.0) | 12 | | 10.5 | Clayey Sand, moist, brown, some cobbles (white), no odor | SC | | | 0.0 | | | | | | | |
| (11.0-12.0) | 12 | | 12.0 | Sand, saturated, yellow-brown, medium to coarse grained, rounded, no odor | SW | | | 0.0 | | | | | | | |
| (12.0-13.5) | 18 | | 12.0 | Stone, sucrose texture | | | | 0.0 | | | | | | | |
| | | | 13.5 | End of Borehole @ 13.5 feet below grade | | | | | | | | | | | |

Refusal @ 13.5 feet

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--------------------------------|--|---|
| Signature <i>Eoin Scoss</i> | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--------------------------------|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-4 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| (0.0-0.5) | 6 | | | Asphalt, black, asphalt odor, dry | | | | - | | | | | | | |
| (0.5-1.0) | 6 | | | Pulverized concrete, white, dry, no odor | | | | 0.0 | | | | | | | |
| (1.0-2.0) | 12 | | 1.5 | Sand & Gravel, brown, rounded, medium to coarse, no odor | SW | | | 0.0 | | | | | | | |
| (2.0-4.0) | 24 | | 3.0 | SILTY CLAY, homogeneous, high plasticity, dark brown (10YR3/3), no odor, moist | SC | | | 0.0 | | | | | | | |
| | | | | End of Borehole @ 4 feet below grade | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evin Scoss* Firm **Stantec Consulting Services, Inc.** Tel:(608) 628-6278
12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 Fax: (262) 241-4901

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-5 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat ° ' " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long ° ' " | | Feet <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| (0.0-1.0) | 12 | | | TOPSOIL with organics, dark brown, moist, no odor | | | | 0.0 | | | | | | | |
| (3.5-5.0) | 12 | | 1.5 | Sand, dark brown, moist, some roots, no odor | SW | | | 0.0 | | | | | | | |
| (6.0-7.5) | 24 | | 3.0 | Fine sand, tan, wet, no odor, trace gravel | SW | | | 0.0 | | | | | | | |
| | | | | End of Borehole @ 4 feet below grade | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-6 / TW-1 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name TW1 | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ " _____ " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-2) | 6 | | | Topsoil, organics, dark brown, no odor, moist | SC | | | 0.0 | | | | | | |
| (2-4) | 6 | | | | | | | 0.0 | | | | | | |
| (4-6) | 24 | | 1.5 | Clayey sand & gravel, medium to coarse, rounded, some roots, moist, no odor | | | | 0.0 | | | | | | |
| (6-8) | 24 | | 3.0 | Loamy clay, wet, soft, becomes stiffer but more plastic with depth, grades from dark brown to brown, some sand, no odor | CH | | | 0.0 | | | | | | |
| (8-10) | 12 | | 4.5 | | | | | 0.0 | | | | | | |
| (10-12) | 12 | | 6.0 | Sand, saturated, very faint hydrocarbon odor, rounded, coarse to medium, brown | SW | | | - | | | | | | |
| (12-14) | 24 | | 7.5 | Sand, saturated, strong hydrocarbon odor, black @ 7' bgs, grades to grey with depth, sheen noted on black surfaces | SW | | | 36.2 | | | | | | |
| | | | 9.0 | Gravel & sand, tan, hydrocarbon odor, fine to medium, rounded, saturated | GW | | | | | | | | | |
| | | | 10.5 | Sand, tan, saturated, fine to coarse, becomes clayey from 11.5-12' bgs | SW | | | | | | | | | |
| | | | 12.0 | End of Borehole @ 12 feet below grade | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Eoin Scoss* Firm **Stantec Consulting Services, Inc.** 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 Tel:(608) 628-6278 Fax: (262) 241-4901

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-7 / TW-2 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Borehole Diameter 2.0 inches | |
| Common Well Name TW2 | | Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Long _____ ° _____ ' _____ " | | County 68 | | County Code | |
| Facility ID | | Civil Town/City/ or Village West Bend | | | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|---------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-0.5) | 6 | | | Asphalt, black, dry, asphalt odor | | | | 0.0 | | | | | | |
| (0.5-1.5) | 12 | | | Fill, granular, black and brown, pieces of coal and ash, no odor, dry, some black pieces | | | | 0.0 | | | | | | |
| (1.5-3) | 18 | | 1.5 | | | | | 0.0 | | | | | | |
| (3-4) | 12 | | 3.0 | Silty sand, brown, moist, trace black pieces (coad), no odor | SM | | | 0.0 | | | | | | |
| (4-6) | 24 | | 4.5 | Brick material, red/orange, mixed color from 4-10, no odor | | | | 0.0 | | | | | | |
| (6-8) | 24 | | 6.0 | | | | | 0.0 | | | | | | |
| (8-10) | 24 | | 7.5 | | | | | 0.0 | | | | | | |
| (10-11.5) | 18 | | 10.5 | Sandy clay, brown, wet, soft, somewhat plastic, no odor | CL | | | 0.0 | | | | | | |
| (11.5-12) | 6 | | 12.0 | As above but moist w/gravel | CL | | | 0.0 | | | | | | |
| (12-13.5) | 18 | | | Coarse fill/sand, olive colored, no odor | | | | 0.0 | | | | | | |
| (13.5-14.5) | 12 | | 13.5 | Sand and gravel, medium to coarse grain, tan, no odor | GW | | | 0.0 | | | | | | |
| (14.5-16) | 18 | | 15.0 | Gravel with silty sand, saturated, no odor | GW-GM | | | 0.0 | | | | | | |
| | | | | End of Borehole @ 15 feet below grade | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evin Goss* Firm **Stantec Consulting Services, Inc.** Tel:(608) 628-6278
12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 Fax: (262) 241-4901

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|--|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-8 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat <u> </u> ° <u> </u> ' <u> </u> " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long <u> </u> ° <u> </u> ' <u> </u> " | | Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------------|---------------------------------|-------------|---------------|--|---------|----------------|-----------------|---------|-------------------------|---------------------|-----------------|---------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-2) | 6 | | | Topsoil, rooted, brown, moist, no odor | | | | 0.0 | | | | | | |
| (2-4) | 18 | | 1.5 | Silty sand and gravel mixed with topsoil, moist, no odor, brown, fine to coarse | SM | | | 0.0 | | | | | | |
| (4-6) | 12 | | | Concrete (possibly stone), white, competant, dry, no odor | | | | 0.0 | | | | | | |
| (6-8) | 12 | | 3.0 | Sand and clay, brown, moist, some black and red granuals, no odor | SC | | | 0.0 | | | | | | |
| | | | | End of Borehole @ 4 feet below grade | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-9 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat ° ' " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long ° ' " | | Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| (0-0.5) | 8 | | | Asphalt, grey-black, asphalt odor, dry | | | | 0.3 | | | | | | | |
| (0.5-1) | 6 | | | Sand and gravel, tan, rounded, fine to medium, moist, no oor | | | | 0.0 | | | | | | | |
| (1-3) | 24 | | 1.5 | | | | | | 0.0 | | | | | | |
| (3-3.5) | 6 | | | Fill, coal and cinders, some glass, dark brown/black, red layer @ 2.75-3', no odor, wet | | | | 0.0 | | | | | | | |
| (3.5-4) | 6 | | 3.0 | | | | | | 0.0 | | | | | | |
| | | | | Sand, coarse, tan, rounded, wet, no odor | | | | | | | | | | | |
| | | | | Clayey sand, brown/dark brown, wet, soft, no odor | | | | | | | | | | | |
| | | | | End of borehole @ 4 feet below grade | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-10 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|--|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-0.5) | 16 | | | Asphalt, black, asphalt odor, dry | | | | 0.0 | | | | | | |
| (0.5-2) | 16 | | 1.5 | Gravel with sand, dry, fine to coarse, no odor | | | | 0.0 | | | | | | |
| (2-4) | 24 | | 3.0 | Glass, amber broken beer bottles | | | | 0.0 | | | | | | |
| | | | | Cinders and Slag, black with some large pieces and metallic luster, no odor, moist | | | | | | | | | | |
| | | | | End of borehole @ 4 feet below grade | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|--|--|--|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-11 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Lat <u> </u> ° <u> </u> ' <u> </u> " | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Long <u> </u> ° <u> </u> ' <u> </u> " | | Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-0.5) | 16 | | | Asphalt, black, dry, asphalt odor | SP | | | 0.0 | | | | | | |
| (0.5-2) | 16 | | 1.5 | Sand with gravel, dry, dark grey, some glass, no odor | SM | | | 0.0 | | | | | | |
| (2-4) | 24 | | 3.0 | Clayey sand with gravel, moist, tan, coarse gravel, no odor | | | | 0.0 | | | | | | |
| | | | | End of borehole @ 4 feet below grade | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|---|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-12 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| WI Unique Well No. | | DNR Well ID No. | | Common Well Name | |
| Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | | Borehole Diameter 2.0 inches | |
| Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " _____" Long _____ ° _____ ' _____ " _____" | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| (0-2) | 24 | | 1.5 | Rooted topsoil, dark brown, most, some gravel | | | | 0.0 | | | | | | |
| (2-3) | 12 | | | Sand and stone, tan, dry, no odor | | | | 0.0 | | | | | | |
| (3-4) | 12 | | 3.0 | Fill, black/dark brown, black pieces, metallic luster, no odor, moist End of Borehole @ 4 feet below grade | | | | 0.0 | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Eoin Scoss* Firm **Stantec Consulting Services, Inc.** Tel:(608) 628-6278
12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 Fax: (262) 241-4901

Route To: Watershed/Wastewater Waste Management
Remediation/Redevelopment Other

| | | | | | |
|---|--|--|--|---|--|
| Facility/Project Name Former West Bend Brewing | | License/Permit/Monitoring Number . | | Boring Number SB-13 | |
| Boring Drilled By: Name of crew chief (first, last) and Firm Dan Bendorf Probe Technologies, Inc. | | Date Drilling Started 9/13/2019 | | Date Drilling Completed 9/13/2019 | |
| Drilling Method Direct Push | | WI Unique Well No. | | DNR Well ID No. | |
| Common Well Name | | Final Static Water Level Feet MSL | | Surface Elevation Feet MSL | |
| Borehole Diameter 2.0 inches | | Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/>) or Boring Location <input type="checkbox"/> State Plane N, E S/C/N | | Local Grid Location <input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W | |
| SE 1/4 of SE 1/4 of Section 11, T 11 N, R 19 | | Lat _____ ° _____ ' _____ " | | Long _____ ° _____ ' _____ " | |
| Facility ID | | County 68 | | County Code | |
| | | | | Civil Town/City/ or Village West Bend | |

| Sample Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties | | | | | RQD/ Comments | |
|------------------------|------------------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|------------------|--|
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | | |
| (0-2) | 24 | | 1.5 | Topsoil with roots, dark brown, wet, no odor | | | | 0.0 | | | | | | | |
| (2-4) | 24 | | 3.0 | Sand and gravel, moist, tan, medium grain, no odor | | | | 0.0 | | | | | | | |
| | | | | End of Borehole @ 4 feet below grade | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

| | | |
|--|--|---|
| Signature  | Firm Stantec Consulting Services, Inc. 12075 Corporate Parkway, Suite 200 Mequon, WI 53092-2649 | Tel:(608) 628-6278 Fax: (262) 241-4901 |
|--|--|---|

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-14 | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------------------|---|------|------------------------------------|--------------|--------------------------------|------------------|-------|-----|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 895 | | Borehole Dia. 2-inch | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'43.78"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | RQD/Comments |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | | | | | Plasticity Index | P 200 | | | |
| SB-14 0 - 2 (PAH / Metals) | 48/48 | | -1 | Grass & topsoil to 6" | SM | | N/A | 0.2 | N/A | M | N/A | N/A | N/A | | |
| | | | -2 | SILTY SAND, brown-dark brown, fine sand, little small subangular gravel, moist, no odor/staining | | | | | | | | | | | |
| | | | -3 | wet at 3' | 0.3 | W | | | | | | | | | |
| | | | -4 | GRAVEL, white, small, moist, no odor, subrounded | GP | | | | | M | | | | | |
| | | | -5 | End of boring @ 4 feet | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | | |
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| | | | -14 | | | | | | | | | | | | |
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| | | | -18 | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | | | Firm STANTEC | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-15 | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------------------|---|------|------------------------------------|--------------|--------------------------------|------------------|-------|-----|--|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 895 | | Borehole Dia. 2-inch | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'42.63"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | | RQD/Comments |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | | | | | Plasticity Index | p 200 | | | | |
| SB-15 0 - 2 (VOC) SB-15 2 - 4 (PAH / Metals) | 48/48 | | -1 | Grass & topsoil to 6" | SM | | N/A | 0.3 | N/A | M | N/A | N/A | N/A | | | |
| | | | -2 | SILTY SAND, lt brown-brown, fine sand, moist, no odor/staining | | | | | | | | | | | | |
| | | | -3 | little small angular gravel | | | | | | | | | | | | |
| | | | -4 | CLAY, brown-gray, low plasticity, moist, no odor/staining | CL | | | 0.4 | | M | | | | | | |
| | | | -5 | End of boring @ 4 feet | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | | | |
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| | | | -14 | | | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | | | Firm STANTEC | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-16 | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------------------|---|------|------------------------------------|--------------|--------------------------------|------------------|-------|-----|--|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 902 | | Borehole Dia. 2-inch | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'42.91"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | |
| SAMPLE | | SOIL PROPERTIES | | | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | | ROD/Comments |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | | | | | Plasticity Index | P 200 | | | | |
| SB-16 2 - 4 (VOC / PAH / Metals) | 48/48 | | -1 | Concrete to 6" | CL | | N/A | 0.0 | N/A | M | N/A | N/A | N/A | | | |
| | | | -2 | CLAY, brown, trace fine sand, low plasticity, moist, no odor/staining | | | | | | | | | | | | |
| | | | -3 | SAND, brown, fine-med. sand, some angular sm. gravel, moist-wet, no odor/staining, poorly graded | SP | | | 0.0 | M-W | | | | | | | |
| | | | -4 | End of boring @ 4 feet | | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | | |
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| | | | -11 | | | | | | | | | | | | | |
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| | | | -17 | | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | | |
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| | | | -22 | | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | Firm STANTEC | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-17 | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|------------------|---|------------------|------------------------------------|-------------|--------------------------------|---------|-----------------|--|--|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 901 | | Borehole Dia. 2-inch | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'41.86"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | |
| SAMPLE | | | | SOIL PROPERTIES | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | ROD/Comments |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | | | | | P 200 | | | | |
| SB-17 2 - 4 (VOC / PAH / Metals) | 48/48 | | -1 | Concrete to 6" | SP | | N/A | | | | | | | | | |
| | | | -1.5 | SAND, tan, medium grained, moist, no odor | CL | | 0.1 | N/A | M | | | | | | | |
| | | | -2 | CLAY, brown, trace very fine sand, low plasticity, dry-moist, no odor | CL | | | | | D-M | | | | | | |
| | | | -2.5 | SAND, tan, some large angular gravel, trace clay, dry, slight odor, poorly graded | SP | | 0.3 | | | D | | | | | | |
| | | | -4 | End of boring @ 4 feet | | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | | |
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| | | | -19 | | | | | | | | | | | | | |
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| | | | -23 | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | Firm STANTEC | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-18 | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|-------------|---|------------------------|------------------------------------|------------------|--------------------------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 894 | | Borehole Dia. 2-inch | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'41.53"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | |
| SAMPLE | | | | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | SOIL PROPERTIES | | | | | RQD/Comments |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | |
| SB-18 0 - 2 (PAH / Metals) SB-18 2 - 4 (VOC) | 48/48 | | -1 | SM | | N/A | 0.2 | N/A | M | N/A | N/A | N/A | |
| | | | -2 | | | | 0.4 | | | | | | |
| | | | -3 | | | | | | | | | | |
| | | | -4 | | | | | | | | | | |
| | | | -5 | | | | | | | | | | |
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| | | | -22 | | | | | | | | | | |
| | | | -23 | | | | | | | | | | |
| | | | -24 | | | | | | | | | | |
| | | | -25 | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | Firm STANTEC | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-19 | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------------------|---|------|------------------------------------|--------------|--------------------------------|------------------|-------|-----|--|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 904 | | Borehole Dia. 2-inch | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'40.72"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | | ROD/Comments |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | | | | | Plasticity Index | P 200 | | | | |
| SB-19 2 - 4 (VOC / PAH / Metals) | 36/48 | | -1 | Asphalt | SP | | N/A | 0.2 | N/A | D | N/A | N/A | N/A | | | |
| | | | -2 | SAND, gray-tan, some small angular gravel, dry, no odor/staining, poorly graded | | | | | | | | | | | | |
| | | | -3 | CLAYEY SILT, reddish brown, trace fine sand, low plasticity, moist, no odor/staining | ML | | | | | 0.2 | | M | | | | |
| | | | -4 | End of boring @ 4 feet | | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | | |
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| | | | -22 | | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | Firm STANTEC | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-20 | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------|---|------------------------|------------------------------------|----------------------|--------------------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 807 | | Borehole Dia. 2-inch | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'39.44"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P-200 | RQD/Comments |
| SB-20 0 - 2 (VOC / PAH / Metals) | 24/48 | | -1 | About 6" of concrete in the basement SAND, tan, coarse, saturated, no odor/staining, poorly graded | SP | | N/A | 0.0 | N/A | W | N/A | N/A | N/A | |
| | | | -2 | NO RECOVERY | | | | | | | | | | |
| | | | -3 | End of boring @ 3 feet (refusal) | | | | | | | | | | |
| | | | -4 | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | |
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| | | | -10 | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | Firm STANTEC | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-21 | | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------------------|---|------------------|------------------------------------|-------------|--------------------------------|---------|-----------------|-----|-----|-----|--------------|--|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 895 | | Borehole Dia. 2-inch | | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'39.41"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | | |
| SAMPLE | | | | SOIL PROPERTIES | | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | RQD/Comments | |
| | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | | | | | P 200 | | | | | |
| SB-21 2 - 4 (PAH / Metals) | 48/48 | | -1 | Asphalt | SP | | N/A | | | 0.1 | N/A | M | N/A | N/A | N/A | | |
| | | | -2 | SAND, light brown-tan, some angular small gravel, trace clay, moist, no odor/staining, poorly graded | | | | | | | | | | | | | |
| | | | -3 | CLAYEY SILT, brown, low plasticity, moist, no odor/staining | ML | | | | | | 0.1 | | M | | | | |
| | | | -4 | CLAY, brown, low plasticity, moist, no odor/staining | CL | | | | | | | | M | | | | |
| | | | -5 | End of boring @ 4 feet | | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | | Firm STANTEC | | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-22 | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|-------------|---|---------|------------------------------------|------------------|--------------------------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 905 | | Borehole Dia. 2-inch | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'37.13"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | |
| Facility Id. 267051620 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | |
| SAMPLE | | | | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | SOIL PROPERTIES | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| SB-22 2.5 - 5 (PAH / Metals) SB-22 5 - 6.5 (PAH / Metals) | 48/48 | | -1 | Asphalt | SP / Fill | | N/A | N/A | D | N/A | N/A | N/A | |
| | | | -2 | SAND, FILL, gray-white, little small gravel, dry no odor/staining, poorly graded | GP / Fill | | | 0.3 | D-M | | | | |
| | 48/48 | | -3 | GRAVEL, FILL, tan, large, some sand, dry-moist, no odor/staining, poorly graded | | | | 0.3 | | | | | |
| | | | -4 | CLAYEY SILT, brown, low plasticity, no odor | ML | | | | M | | | | |
| | | | -5 | SAND, tan, medium-course sand, trace rounded small gravel, moist, no odor/staining, poorly graded | SP | | | 0.4 | M | | | | |
| | | -6 | | | | | | | | | | | |
| | | -7 | | | | | 0.2 | | | | | | |
| | | -8 | | SILT, tan, trace very fine sand, moist, no odor | MH | | | | M | | | | |
| | | -9 | End of boring @ 8 feet | | | | | | | | | | |
| | | | -10 | | | | | | | | | | |
| | | | -11 | | | | | | | | | | |
| | | | -12 | | | | | | | | | | |
| | | | -13 | | | | | | | | | | |
| | | | -14 | | | | | | | | | | |
| | | | -15 | | | | | | | | | | |
| | | | -16 | | | | | | | | | | |
| | | | -17 | | | | | | | | | | |
| | | | -18 | | | | | | | | | | |
| | | | -19 | | | | | | | | | | |
| | | | -20 | | | | | | | | | | |
| | | | -21 | | | | | | | | | | |
| | | | -22 | | | | | | | | | | |
| | | | -23 | | | | | | | | | | |
| | | | -24 | | | | | | | | | | |
| | | | -25 | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | Firm STANTEC | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number SB-23 | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|------------------|---|-------------|------------------------------------|---------|--------------------------------|------------------|-------|-----|--|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 906 | | Borehole Dia. 2-inch | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'39.00"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | |
| Facility Id. 267051620 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | USCS | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES | | | | | RQD/Comments |
| | | | | Compressive Strength | Moisture Content | | | | | Liquid Limit | Plasticity Index | p 200 | | | |
| SB-23 2 - 4 (PAH / Metals) | 48/48 | | -1 | Asphalt | SM | | N/A | 0.1 | N/A | M | N/A | N/A | N/A | | |
| | | | -2 | SILTY SAND, brown, some medium-small angular gravel, moist, no odor/staining | | | | | | | | | | | |
| | | | -3 | SAND, tan, some angular medium gravel, moist, no odor/staining, poorly graded | SP | | | | 0.1 | | M | | | | |
| | | | -4 | End of boring @ 4 feet | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | | |
| | | | -6 | | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evan Deoss* Firm **STANTEC**

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-3 | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------|---|--------------|--|----------------------|--|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/17/2020 M/D/Y | | Date Drilling Completed 11/17/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | | |
| WI Unique Well No. | | DNR Well Id No. | | Well Name TW-3 | | Final Static Water Level 5.26 | | Surface Elevation 900 | | Borehole Dia. 2-inch / 4.25-inch | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'43.09"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | Long 88°11'6.66"W | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| TW-3-2 - 4 (VOC / Metals) | 48/48 | N/A | -1 | Grass with topsoil CLAYEY SAND, some medium to course gravel, trace roots, moist, no odor, rounded | SC | | | 0.0 | N/A | M | N/A | N/A | N/A | |
| | | | -2 | | | | | | | | | | | |
| | 48/48 | N/A | -3 | SAND, brown, medium to course, saturated, slight solvent odor, no staining, rounded black-gray, strong solvent odor, sheen on black surfaces | SW | | | 0.0 | 0.0 | W | W | W | W | |
| | | | -4 | | | | | | | | | | | |
| | | | -5 | | | | | | | | | | | |
| | 48/48 | N/A | -6 | GRAVEL, some sand, tan, fine-medium, saturated, solvent odor, no staining, rounded | GW | | | 0.0 | 0.0 | W | W | W | W | |
| | | | -7 | | | | | | | | | | | |
| 36/36 | N/A | N/A | -8 | SAND, tan, fine-course, saturated, solvent odor, no staining becomes clayey 11.5-12 feet | SW | | | 36.2 | 0.0 | W | W | W | | |
| | | | -9 | | | | | | | | | | | |
| | | | -10 | SILTY SAND, brown, little gravel, wet, no odor | SM | | | | | W | | | | |
| | | | -11 | End of boring @ 15 feet Well set at 13.4 feet | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | |
| Signature <i>Eoin Doon</i> | | | | | | | | | | Firm STANTEC | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-4 | | | | | |
|--|------------------------------|--------------------------------|--------------------------------------|---|-------------|---|---------|--|--|--|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/17/2020 M/D/Y | | Date Drilling Completed 11/17/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | |
| WI Unique Well No. | | DNR Well Id No. TW-4 | | Well Name | | Final Static Water Level 5.26 | | Surface Elevation 897 | | Borehole Dia. 2-inch / 4.25-inch | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'43.17"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | Long 88°11'5.60"W | | | | | |
| Facility Id. 267213870 | | | County Washington County | | | County Code 68 | | | Civil Town/City/or Village City of West Bend | | | | |
| SAMPLE | | | | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | SOIL PROPERTIES | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| TW-40 - 2 (VOC / PAH/ Metals) | 48/48 | N/A | -1 | SM / Fill | | | 0.2 | N/A | M | N/A | N/A | N/A | |
| | | | -2 | | | | GP | | | | | | |
| | -3 | GM | | | W | | | | | | | | |
| | -4 | | | | | | | | | | | | |
| | 48/48 | | -5 | | | | | | | | | | |
| | 48/48 | | -6 | | | | | | | | | | |
| | 48/48 | | -7 | | | | | | | | | | |
| | 48/48 | | -8 | | | | | | | | | | |
| | 48/48 | | -9 | | | | | | | | | | |
| | 48/48 | | -10 | | | | | | | | | | |
| | 48/48 | | -11 | | | | | | | | | | |
| | 48/48 | | -12 | | | | | | | | | | |
| | 48/48 | | -13 | | | | | | | | | | |
| | 48/48 | | -14 | | | | | | | | | | |
| | 48/48 | | -15 | | | | | | | | | | |
| | 48/48 | | -16 | | | | | | | | | | |
| | 48/48 | | -17 | | | | | | | | | | |
| | 48/48 | | -18 | | | | | | | | | | |
| | 48/48 | | -19 | | | | | | | | | | |
| | 48/48 | | -20 | | | | | | | | | | |
| | 48/48 | | -21 | | | | | | | | | | |
| | 48/48 | | -22 | | | | | | | | | | |
| | 48/48 | | -23 | | | | | | | | | | |
| | 48/48 | | -24 | | | | | | | | | | |
| | 48/48 | | -25 | | | | | | | | | | |
| | 36/36 | | -13 | | | | | | | | | | |
| | 36/36 | | -14 | | | | | | | | | | |
| | 36/36 | | -15 | | | | | | | | | | |
| | 36/36 | | -16 | | | | | | | | | | |
| | 36/36 | | -17 | | | | | | | | | | |
| | 36/36 | | -18 | | | | | | | | | | |
| | 36/36 | | -19 | | | | | | | | | | |
| | 36/36 | | -20 | | | | | | | | | | |
| | 36/36 | | -21 | | | | | | | | | | |
| | 36/36 | | -22 | | | | | | | | | | |
| | 36/36 | | -23 | | | | | | | | | | |
| | 36/36 | | -24 | | | | | | | | | | |
| | 36/36 | | -25 | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | |

Signature: *Eoin Doon* Firm: **STANTEC**

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-5 | | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|---|---|--------------|--|----------------------|--|--------------|------------------|-------|--------------|--|--|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/18/2020 M/D/Y | | Date Drilling Completed 11/18/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | | | | |
| WI Unique Well No. | | DNR Well Id No. | | Well Name TW-5 | | Final Static Water Level 6.60 | | Surface Elevation 898 | | Borehole Dia. 2-inch / 4.25-inch | | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'42.46"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | Long 88°11'4.72"W | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | | |
| SAMPLE | | SOIL PROPERTIES | | | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | | | | | | RQD/Comments | | |
| | | | | | | | | | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | p 200 | | | |
| TW-5-2 - 3 (VOC) TW-5-3 - 4 (PAH / Metals) | 48/48 | N/A | -1 | Grass | SM | | | 0.3 | N/A | D-M | N/A | N/A | N/A | | | |
| | | | -2 | SILTY SAND, brown, trace gravel, dry-moist, no odor | | | | 0.1 | | | | | | | | |
| | | | -3 | little clay, moist | | | | 2.2 | | | | | | | | |
| | 12/48 | N/A | N/A | -4 | SILTY SAND, FILL, brown/gray with black, moist, glass, pieces of coal, some slag, no odor | SM / Fill | | | 0.3 | M | M | W | M | W | | |
| | | | | -5 | CLAY, FILL, black, trace gravel, trace brick and glass, moist, no odor | | | | CL / Fill | | | | | | | |
| | | | | -6 | CLAYEY SAND, FILL, brown, trace gravel, trace glass pieces, wet, no odor | | | | SC / Fill | | | | | | | |
| | 12/48 | N/A | N/A | -7 | CLAY, FILL, dark brown with black, trace gravel, trace glass, moist, no odor | CL / Fill | | | | M | W | M | W | | | |
| -8 | | | | SILTY SAND, dark brown, some glass, saturated, no odor | SM | | | | | | | | | | | |
| -9 | | | | GRAVEL, gray-brown, some sand, trace silt, medium grained sand, wet, no odor/staining, subrounded gravel, poorly graded | GP | | | | | | | | | | | |
| 12/48 | N/A | N/A | -10 | | | | 0.4 | | | | | | | | | |
| | | | -11 | End of boring @ 16 feet | | | | | | | | | | | | |
| | | | -12 | Well set at 14.1 feet | | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | | | |
| | | | -15 | | | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | | | |
| | | | -17 | | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | | |
| | | | -19 | | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | | |
| | | | -21 | | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | | |
| Signature <i>Evan Deas</i> | | | | | | Firm STANTEC | | | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-6 | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|---|---|--------------|--|----------------------|--|--------------|------------------|-------|--------------|--|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/18/2020 M/D/Y | | Date Drilling Completed 11/18/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | | | |
| WI Unique Well No. | | DNR Well Id No. | | Well Name TW-6 | | Final Static Water Level 9.40 | | Surface Elevation 899 | | Borehole Dia. 2-inch / 4.25-inch | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'41.69"N | | Local Grid Location (If applicable) _____ Feet N _____ Feet E _____ Feet S _____ Feet W | | Long 88°11'4.50"W | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | |
| SAMPLE | | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | p 200 | RQD/Comments | |
| TW-6 2 - 4 (VOC) TW-6 4, 5 - 6 (PAH / Metals) | 48/48 | N/A | -1 | Asphalt | SM / Fill | | | 0.3 | N/A | W | N/A | N/A | N/A | | |
| | | | -2 | SILTY SAND, FILL, dark brown-black, coarse sand, trace sm angular gravel, glass, wet, no odor | | | | | | | | | | | |
| | 48/48 | N/A | N/A | -3 | black, some sand, coal, small angular gravel, moist | | | | 0.7 | | M | | | | |
| | | | | -4 | | | | | | | | | | | |
| | 48/48 | N/A | N/A | -5 | SILT, light brown, trace fine sand, moist, no odor | ML | | | 0.5 | | M | | | | |
| | | | | -6 | | | | | | | | | | | |
| | 48/48 | N/A | N/A | -7 | SAND, tan, coarse, moist, no odor, p. graded | SP | | | 0.4 | | M | | | | |
| | | | | -8 | | | | | | | | | | | |
| | 12/48 | N/A | N/A | -9 | SILT, brown, little clay, trace very fine sand, low plasticity, moist, no odor/staining | ML | | | 0.3 | | M | | | | |
| | | | | -10 | | | | | | | | | | | |
| 12/48 | N/A | N/A | -11 | GRAVEL, tan, some coarse sand, saturated, no odor/staining, angular gravel | GP | | | 0.3 | | W | | | | | |
| | | | -12 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -13 | SILTY GRAVEL, brown, little sand, saturated, no odor/staining | GM | | | 0.3 | | W | | | | | |
| | | | -14 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -15 | End of boring @ 20feet Well set at 19.0feet | | | | | | | | | | | |
| | | | -16 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -17 | | | | | | | | | | | | |
| | | | -18 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -19 | | | | | | | | | | | | |
| | | | -20 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -21 | | | | | | | | | | | | |
| | | | -22 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -23 | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | |
| 12/48 | N/A | N/A | -25 | | | | | | | | | | | | |
| | | | -26 | | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: *Eoin Doon* Firm: **STANTEC**

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-7 | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|-------------|---|---------|--|------------------|--|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/18/2020 M/D/Y | | Date Drilling Completed 11/18/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | |
| WI Unique Well No. | | DNR Well Id No. | | Well Name TW-7 | | Final Static Water Level 13.83 | | Surface Elevation 909 | | Borehole Dia. 2-inch / 4.25-inch | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'40.67"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | Long 88°11'5.98"W | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | |
| SAMPLE | | | | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | SOIL PROPERTIES | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RCD/Comments |
| TW-7 2 - 4 (VOC) TW-7 4, 4 - 6 (Metals) | 48/48 | N/A | -1 | GC / Fill | | | 0.5 | N/A | M | N/A | N/A | N/A | |
| | | | -2 | | | | 1.3 | | | | | | |
| | 48/48 | N/A | -5 | CL | | 0.6 | M | | | | | | |
| | | | -6 | GP | | 0.9 | M | | | | | | |
| | 12/48 | N/A | -10 | SP | | 0.5 | M | | | | | | |
| | | | -13 | GP | | 1.0 | W | | | | | | |
| | 12/48 | N/A | -18 | GM | | 324.8 | W | | | | | | |
| -20 | | | | | | | | | | | | | |
| End of boring @ 20feet Well set at 18.6feet | | | | | | | | | | | | | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

 Signature *Eoin Doon*

 Firm **STANTEC**

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number TW-8 | | | | | |
|--|------------------------------|------------------------------------|--|--|-------------|---|---------|--|------------------|--|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/18/2020 M/D/Y | | Date Drilling Completed 11/18/2020 M/D/Y | | Drilling Method Geoprobe / HSA | | | | | |
| WI Unique Well No. | | DNR Well Id No. | | Well Name TW-8 | | Final Static Water Level 16.14 | | Surface Elevation 904 | | Borehole Dia. 2-inch / 4.25-inch | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'39.79"N | | Local Grid Location (If applicable) _____ Feet N _____ Feet E _____ Feet S _____ Feet W | | Long 88°11'3.30"W | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | |
| SAMPLE | | | | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | | | | SOIL PROPERTIES | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RCD/Comments |
| TW-8 4 - 6 (PAH / Metals) | 48/48 | N/A | -1 | SP / Fill | | | 1.9 | N/A | D | N/A | N/A | N/A | |
| | 48/48 | | -2 | Asphalt SAND, FILL, black, coal, glass, brick, slag, dry no odor/staining | | | 4.0 | | | | | | |
| | 48/48 | | -3 | | | | 1.5 | | | | | | |
| | 48/48 | | -4 | | | | 6.3 | | | | | | |
| | 36/48 | | -5 | | | | 4.8 | | W | | | | |
| | 36/48 | | -6 | CLAYEY SILT, brown, trace fine sand, trace small angular gravel, low plasticity, wet, no odor/staining | ML | | | 1.5 | | M | | | |
| 36/48 | | -7 | CLAY, brown, trace silt, low plasticity, moist, no odor/staining | CL | | | | | W | | | | |
| 12/48 | | -8 | GRAVEL, brown, some sand, wet, no odor | GP | | | | | W | | | | |
| 12/48 | | -9 | SILTY SAND, brown, some gravel, wet, no odor | SM | | | | | W | | | | |
| | | | -10 | | | | | | | | | | |
| | | | -11 | | | | | | | | | | |
| | | | -12 | | | | | | | | | | |
| | | | -13 | | | | | | | | | | |
| | | | -14 | | | | | | | | | | |
| | | | -15 | | | | | | | | | | |
| | | | -16 | | | | | | | | | | |
| | | | -17 | | | | | | | | | | |
| | | | -18 | | | | | | | | | | |
| | | | -19 | | | | | | | | | | |
| | | | -20 | | | | | | | | | | |
| | | | -21 | | | | | | | | | | |
| | | | -22 | | | | | | | | | | |
| | | | -23 | | | | | | | | | | |
| | | | -24 | | | | | | | | | | |
| | | | -25 | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | |
| Signature <i>Eoin Doon</i> | | | | | | Firm STANTEC | | | | | | | |



GESTRA Engineering Inc.
191 W. Edgerton Avenue
Milwaukee, WI 53207
Phone: 414-933-7444, Fax: 414-933-7844

SOIL BORING LOG

PAGE NUMBER

1 of 1

PROJECT NAME
West Bend Mixed Use

DATE DRILLING STARTED
11/17/2020

BORING NUMBER
GB-24/TW-9

PROJECT LOCATION
West Bend, WI

DATE DRILLING ENDED
11/17/2020

PROJECT NUMBER
20337-10

DRILLING RIG
CME 75 (International)

BORING DRILLED BY

FIELD LOG

LATITUDE

DRILLING METHOD

FIRM: GESTRA
CREW CHIEF: S. Gonyer

LAB LOG / QC

K. Turner

LONGITUDE

3 1/4" HSA

R. Haque

908 ft

| Number and Type | Recovery (in) | Blow Counts | N - Value | Depth (ft) | Elevation | Soil Description and Geological Origin for Each Major Unit | USCS Classification | Graphic | Well Diagram | Unconfined Comp. Strength (Q _u or Q _p) (tsf) | Liquid Limit | Plasticity Index | Moisture Content (%) | Comments |
|-----------------|---------------|----------------------|-----------|------------|-----------|--|---------------------|---------|--------------|---|--------------|------------------|----------------------|--|
| SS - 1 | 12 | 5 6 | | | | ASPHALT (2.5-inches) | | | | | | | | Sample SS-1 affected by pavement section; SPT-value may not be representative. |
| | | | | | | BASE COURSE (7-inches) | | | | | | | | |
| SS - 2 | 16 | 4 4 4 4 | 8 | | 905.0 | SILTY SAND, brown, moist, loose to medium dense | | | | | | | | With reddish brown clay lenses in sample SS-2 |
| | | | | | | | | | | | | | | |
| SS - 3 | 11 | 5 6 8 11 | 14 | 5 | | Brown with gray, trace gravel in sample SS-3 | | | | | | | | Driller noted possible large gravels and/or cobbles between 5 feet and 6 feet |
| | | | | | | | | | | | | | | |
| SS - 4 | 11 | 8 10 7 6 | 17 | | 900.0 | SANDY SILT, brown, moist to very moist, medium dense, trace gravel | | | | | | | | P200 = 61.8% |
| | | | | | | | | | | | | | | |
| SS - 5 | 17 | 6 6 9 12 | 15 | 10 | | | | | | | | | | 19 |
| | | | | | | | | | | | | | | |
| SS - 6 | 20 | 7 7 7 7 | 14 | | | | | | | | | | | Driller noted possible large gravels and/or cobbles between 12 and 16 feet |
| | | | | | | | | | | | | | | |
| SS - 7 | 8 | 10 50/5" | R | | 895.0 | Wet seam at 12.2 feet | | | | | | | | Driller noted possible large gravels and/or cobbles between 12 and 16 feet |
| | | | | | | GRAVEL WITH SILT AND SAND, gray with brown, moist, very dense | | | | | | | | |
| SS - 8 | 4 | 15 50/1" | R | 15 | | GRAVEL, gray, moist, very dense | | | | | | | | Driller noted hard drilling and rig chatter from 12 to 16 feet |
| | | | | | | | | | | | | | | |
| SS - 9 | 17 | 29 37 21 21 | 58 | | 890.0 | | | | | | | | | Blind drilled from 20 to 25 feet and installed monitoring well in borehole |
| | | | | | | | | | | | | | | |
| SS - 10 | 15 | 16 20 25 42 | 45 | 20 | | Wet at 18 feet | | | | | | | | End of Boring at 20.0 ft. |
| | | | | | | | | | | | | | | |
| | | | | | 885.0 | | | | | | | | | |
| | | | | | 25 | | | | | | | | | |

WATER & CAVE-IN OBSERVATION DATA

| | | | | |
|---|---|---|-------------------------------|------------------------------|
| ▽ | WATER ENCOUNTERED DURING DRILLING: 18 ft. | ☒ | CAVE DEPTH AT COMPLETION: NMR | WET <input type="checkbox"/> |
| ▽ | WATER LEVEL AT COMPLETION: NMR | | CAVE DEPTH AFTER 0 HOURS: NMR | DRY <input type="checkbox"/> |
| ▽ | WATER LEVEL AFTER 0 HOURS: NMR | | | WET <input type="checkbox"/> |
| | | | | DRY <input type="checkbox"/> |

NOTE: Stratification lines between soil types represent the approximate boundary; gradual transition between in-situ soil layers should be expected.

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number VP-2 | | | | | | |
|--|------------------------------|------------------------------------|--|--|---------|---|--------------|------------------------------------|----------------------|--------------------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 899 | | Borehole Dia. 2-inch | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'42.40"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| | 36/36 | | -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25 | Asphalt GRAVELLY SAND, FILL, brick, glass, some coal, moist, small-medium gravel, no odor, tan-black End of boring @ 3 feet | SP/FILL | | N/A | | N/A | M | N/A | N/A | N/A | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | |
| Signature <i>Eoin Deas</i> | | | | | | Firm STANTEC | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number VP-3 | | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|--|------|---|--------------|------------------------------------|----------------------|--------------------------------|--------------|------------------|-------|--------------|--|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 902 | | Borehole Dia. 2-inch | | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'41.26"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments | |
| VP-3.0 - 0.5 (PAH & metals) | 60/60 | | -1 | Asphalt | FILL | | N/A | | N/A | D M | N/A | N/A | N/A | | |
| | | | -2 | FILL, coal, dry, no odor | FILL | | | | | | | | | | |
| | | | -3 | SILTY SAND, some medium subrounded gravel, moist, no odor, light brown | SM | | | | | | | | | | |
| | | | -6 | End of boring @ 5 feet | | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | | |
| | | | -12 | | | | | | | | | | | | |
| | | | -13 | | | | | | | | | | | | |
| | | | -14 | | | | | | | | | | | | |
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| | | | -16 | | | | | | | | | | | | |
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| | | | -22 | | | | | | | | | | | | |
| | | | -23 | | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | | |
| Signature <i>Eoin Deas</i> | | | | | | Firm STANTEC | | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number VP-6 | | | | | | |
|--|------------------------------|------------------------------------|--------------------------------------|---|------|---|--------------|------------------------------------|----------------------|--------------------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 908 | | Borehole Dia. 2-inch | | | | |
| Local Grid Origin (estimated:) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'38.43"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| | 60/60 | | -1 | Asphalt SAND, some angular sm-med gravel, moist, no odor, tan | SP | | N/A | | N/A | M | N/A | N/A | N/A | |
| | | | -2 | | | | | | | | | | | |
| | | | -3 | | | | | | | | | | | |
| | | | -4 | SILT, trace small gravel, moist, no odor, brown | ML | | | | | M | | | | |
| | | | -5 | | | | | | | | | | | |
| | | | -6 | End of boring @ 5 feet | | | | | | | | | | |
| | | | -7 | | | | | | | | | | | |
| | | | -8 | | | | | | | | | | | |
| | | | -9 | | | | | | | | | | | |
| | | | -10 | | | | | | | | | | | |
| | | | -11 | | | | | | | | | | | |
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| | | | -23 | | | | | | | | | | | |
| | | | -24 | | | | | | | | | | | |
| | | | -25 | | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | |
| Signature <i>Eoin Deas</i> | | | | | | Firm STANTEC | | | | | | | | |

Route to:
 Watershed/Wastewater Waste Management
 Remediation/Redevelopment Other

| Facility/Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | | | | License/Permit/Monitoring Number | | | | Boring Number VP-7 | | | | | | |
|--|------------------------------|-----------------------------|--|--|------|---|-----------------|-----------------------------|----------------------|-------------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm First Name: Steve & Keith Last Name: Firm: GESTRA Engineering, Inc. | | | | Date Drilling Started 11/16/2020 M/D/Y | | Date Drilling Completed 11/16/2020 M/D/Y | | Drilling Method Geoprobe | | | | | | |
| Unique Well No. | | Well Id No. | | Well Name | | Final Static Water Level N/A | | Surface Elevation 908 | | Borehole Dia. 2-inch | | | | |
| Local Grid Origin (estimated) or Boring Location State Plane _____ N, _____ E SE ¼ of the SE ¼ of Section 11, T 11 N, R 19 E | | | | Lat. 43°25'37.82"N | | Local Grid Location (If applicable) _____ Feet " N _____ Feet " E _____ Feet " S _____ Feet " W | | | | | | | | |
| Facility Id. 267213870 | | County Washington County | | County Code 68 | | Civil Town/City/or Village City of West Bend | | | | | | | | |
| SAMPLE | | | SOIL PROPERTIES | | | | | | | | | | | |
| Number and Type | Length Att. & Recovered (in) | Blow Counts | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT | USCS | Graphic Log | Well Diagram | PID/FID | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| | 60/60 | | -1 -2 -3 -4 -5 -6 -7 -8 -9 -10 -11 -12 -13 -14 -15 -16 -17 -18 -19 -20 -21 -22 -23 -24 -25 | Asphalt SAND, dry, medium grained, poorly graded, no odor, tan | SP | | N/A | | N/A | D | N/A | N/A | N/A | |
| | | | -6 | End of boring @ 5 feet | | | | | | | | | | |
| I hereby certify that the information on this form is true and correct to the best of my knowledge. | | | | | | | | | | | | | | |
| Signature <i>Evan Deoss</i> | | | | | | | Firm STANTEC | | | | | | | |

| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ ft. _____ S. _____ ft. _____ W. | Well Name TW-3 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'43.09"N Long. 88°11'6.66"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/17/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|--|---|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 900.4 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP _____ GM _____ GC _____ GW <input checked="" type="checkbox"/> SW <input checked="" type="checkbox"/> SP _____ SM <input checked="" type="checkbox"/> SC _____ ML _____ MH _____ CL _____ CH <input checked="" type="checkbox"/> | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. _____ 20 |
| E. Bentonite seal, top _____ ft. MSL or 0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 2.4 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 2.4 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 3.4 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 _____ Other <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 13.4 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 13.9 ft. | |
| K. Borehole, bottom _____ ft. MSL or 13.9 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evin Deoss* Firm Stantec

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| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ S. _____ ft. _____ W. | Well Name TW-4 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'43.17"N Long. 88°11'5.60"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/17/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|---|---|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 897.1 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM <input checked="" type="checkbox"/> GC _____ GW _____ SW _____ SP _____ SM _____ SC _____ ML _____ MH _____ CL _____ CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. 20 |
| E. Bentonite seal, top _____ ft. MSL or 0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 2.4 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 2.4 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 3.4 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 13.4 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 13.9 ft. | |
| K. Borehole, bottom _____ ft. MSL or 13.9 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evan Deoss* Firm Stantec

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| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ ft. _____ S. _____ ft. _____ W. | Well Name TW-5 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'42.46"N Long. 88°11'4.72"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/18/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|---|--|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 897.6 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM _____ GC _____ GW _____ SW _____ SP _____ SM <input checked="" type="checkbox"/> SC <input checked="" type="checkbox"/> ML _____ MH _____ CL <input checked="" type="checkbox"/> CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. _____ 20 |
| E. Bentonite seal, top _____ ft. MSL or 0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 3.1 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 3.1 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 4.1 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> _____ |
| I. Well bottom _____ ft. MSL or 14.1 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 14.6 ft. | |
| K. Borehole, bottom _____ ft. MSL or 14.6 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evan Deoss* Firm **Stantec**

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| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ ft. _____ S. _____ ft. _____ W. | Well Name TW-6 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'41.69"N Long. 88°11'4.50"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/18/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|---|--|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 899.3 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM <input checked="" type="checkbox"/> GC _____ GW _____ SW _____ SP <input checked="" type="checkbox"/> SM _____ SC _____ ML <input checked="" type="checkbox"/> MH _____ CL _____ CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. _____ 20 |
| E. Bentonite seal, top _____ ft. MSL or 0.0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 8.0 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 8.0 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 9.0 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 19.0 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 19.5 ft. | |
| K. Borehole, bottom _____ ft. MSL or 19.5 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evin Deoss* Firm **Stantec**

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| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ S. _____ ft. _____ W. | Well Name TW-7 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'40.67"N Long. 88°11'5.98"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/18/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|---|--|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 909.1 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM <input checked="" type="checkbox"/> GC _____ GW _____ SW _____ SP <input checked="" type="checkbox"/> SM _____ SC _____ ML _____ MH _____ CL _____ CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. _____ 20 |
| E. Bentonite seal, top _____ ft. MSL or 0.0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 7.6 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 7.6 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 8.6 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 18.6 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 19.1 ft. | |
| K. Borehole, bottom _____ ft. MSL or 19.1 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

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| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ ft. _____ S. _____ ft. _____ W. | Well Name TW-8 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'39.79"N Long. 88°11'3.30"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/18/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|---|---|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 904.2 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM _____ GC _____ GW _____ SW _____ SP <input checked="" type="checkbox"/> SM <input checked="" type="checkbox"/> SC _____ ML <input checked="" type="checkbox"/> MH _____ CL <input checked="" type="checkbox"/> CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. 20 |
| E. Bentonite seal, top _____ ft. MSL or 0.0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 7.9 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 7.9 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 8.9 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 18.9 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 19.4 ft. | |
| K. Borehole, bottom _____ ft. MSL or 19.4 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Evan Deoss Firm Stantec

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147, and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instruction for more information including where the completed form should be sent.

| | | |
|---|--|---|
| Facility /Project Name WB Brewery Building, LLC Parcels, 415, 445 - 485 North Main Street, West Bend, WI | Local Grid Location of Well _____ ft. _____ N. _____ ft. _____ E. _____ ft. _____ S. _____ ft. _____ W. | Well Name TW-9 |
| Facility License, Permit or Monitoring Number | Grid Origin Location Lat. 43°25'38.14"N Long. 88°11'4.33"W | Wis. Unique Well Number _____ DNR Well Number _____ |
| Type of Well Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer _____ 12 | St. Plane _____ ft. N. _____ ft. E. | Date Well Installed 11/18/2020 |
| Distance Well Is From Waste/Source Boundary _____ ft. | Section Location of Waste/Source | Well Installed By: (Person's Name and Firm) GESTRA Engineering, Inc. |
| Is Well A Point of Enforcement Std. Application? <input checked="" type="checkbox"/> Yes _____ No | Location of Well Relative to Waste/Source u _____ Upgradient s _____ Sidegradient d _____ Downgradient n _____ Not Known | |

| | |
|--|--|
| A. Protective Pipe, top elevation _____ ft. MSL | 1. Cap and Lock? <input checked="" type="checkbox"/> Yes _____ No |
| B. Well casing, top elevation 907.6 ft. MSL | 2. Protective cover pipe: a. Inside diameter: 4 in. b. Length: 1 ft. |
| C. Land surface elevation _____ ft. MSL | c. Material: Steel <input checked="" type="checkbox"/> 04 Other _____ |
| D. Surface seal, bottom _____ ft. MSL or 0 ft. | d. Additional protection? Yes _____ No <input checked="" type="checkbox"/> If yes, describe _____ |
| 12. USCS classification of soil near screen: GP <input checked="" type="checkbox"/> GM <input checked="" type="checkbox"/> GC _____ GW _____ SW _____ SP _____ SM _____ SC _____ <input checked="" type="checkbox"/> MH _____ CL _____ CH _____ Bedrock _____ | 3. Surface seal: Bentonite _____ 30 Concrete <input checked="" type="checkbox"/> 01 Other _____ |
| 13. Sieve analysis attached? _____ Yes <input checked="" type="checkbox"/> No | 4. Material between well casing and protective pipe: Bentonite <input checked="" type="checkbox"/> 30 Annular Space Seal _____ Other _____ |
| 14. Drilling method used: Rotary _____ 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other _____ | 5. Annular space seal: a. Granular Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight.....Bentonite-sand slurry _____ 35 c. _____ Lbs/gal mud weight.....Bentonite slurry _____ 31 d. _____ % Bentonite.....Bentonite-cement grout _____ 50 e. _____ cubic ft volume added for any of the above _____ f. How installed: Tremie _____ 01 Tremie pumped _____ 02 Gravity <input checked="" type="checkbox"/> 08 |
| 15. Drilling fluid used: Air _____ 01 Water _____ 02 Drilling Mud _____ 03 None <input checked="" type="checkbox"/> 99 | 6. Bentonite seal: a. Bentonite granules _____ 33 b. 1/4in. _____ 3/8in. <input checked="" type="checkbox"/> 1/2in. _____ Bentonite Pellets _____ 32 c. Bentonite chips _____ Other _____ |
| 16. Drilling additives used? _____ Yes <input checked="" type="checkbox"/> No | 7. Fine sand material: Manufacturer, product name and mesh size a. Ohio 30-50 _____ b. Volume Added _____ lbs. _____ |
| 17. Source of water (attach analysis): _____ | 8. Filter pack material: Manufacturer, product name and mesh size a. Ohio 30-50 #5 course _____ b. Volume Added _____ lbs. 20 |
| E. Bentonite seal, top _____ ft. MSL or 0.0 ft. | 9. Well casing: Flush threaded PVC schedule 40 _____ 23 Flush threaded PVC schedule 80 _____ 24 Other _____ |
| F. Fine sand, top _____ ft. MSL or 12.4 ft. | 10. Screen material: Sch. 40, PVC a. Screen type: Factory cut <input checked="" type="checkbox"/> 11 Continuous slot _____ 01 Other _____ |
| G. Filter pack, top _____ ft. MSL or 12.4 ft. | b. Manufacturer _____ c. Slot size: 0.010 in. d. Slotted length: 10 ft. |
| H. Screen joint, top _____ ft. MSL or 13.4 ft. | 11. Backfill Material (below filter pack): None _____ 14 Ohio 30-50 <input checked="" type="checkbox"/> |
| I. Well bottom _____ ft. MSL or 23.4 ft. | |
| J. Filter pack, bottom _____ ft. MSL or 23.9 ft. | |
| K. Borehole, bottom _____ ft. MSL or 23.9 ft. | |
| L. Borehole, diameter 4.25 in | |
| M. O.D. well casing 2.38 in | |
| N. I.D. well casing 2 in | |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature *Evan Deoss* Firm Stantec

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