State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (R 02/20)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than $10 nor more than $5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from **(check one)**:

- ◯ Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- ◯ Aboveground Petroleum Storage Tank System
- ◯ Dry Cleaner Facility
- ◉ Other - Describe: PCB Impacted Sediment in Storm Sewer

ATTN DNR: **R & R Program Associate**

Date DNR Notified: 02/02/2021

1. Discharge Reported By

Name	Firm	Phone Number (include area code)
Mafizul Islam	The Sigma Group, Inc.	(414) 643-4125

Mailing Address	Email
1300 W. Canal Street, Milwaukee, WI	mislam@thesigmagroup.com

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

South Marina Drive Storm Sewer

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

South Marina Drive Storm Sewer

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

Milwaukee

County	Legal Description:	WTM:
Milwaukee	SW ¼ of SW ¼ Section 4, Town 06 N, Range 22 ◉ E ◯ W	X 690917 Y 283956

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

City of Milwaukee

☐ A local governmental unit claiming an exemption from state Spill Law and Solid Waste Management responsibilities for the discharge being reported, per Wis. Stat. §§ 292.11(9)(e) and 292.23, should: 1) check this box; 2) review DNR publication RR-055; and 3) provide documentation to DNR that demonstrates compliance with the statutory requirements of the liability exemptions. Local governmental units may also request a fee-based liability clarification letter from DNR by using DNR Form 4400-237.

Contact Person Name (if different)	Phone Number	Email
Benjamin Timm	(414) 708-9291	btimm@milwaukee.gov

Mailing Address	City	State	ZIP Code
809 North Broadway	Milwaukee	WI	53202

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

Contact Person Name (if different)	Phone Number	Email

Mailing Address	City	State	ZIP Code

(continued)

Notification For Hazardous Substance Discharge (Non-Emergency Only)

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- ☐ VOCs
  - ☐ PCE
  - ☐ TCE
  - ☐ Other Chlorinated
  - ☐ Diesel
  - ☐ Fuel Oil
  - ☐ Gasoline
  - ☐ Hydraulic Oil
  - ☐ Jet Fuel
- *(VOCs continued)*
  - ☐ Mineral Oil
  - ☐ Waste Oil
  - ☐ Petroleum-Unknown Type
- ☐ PAHs
- ☒ PCBs
- ☐ Cyanide
- ☐ Leachate
- ☐ Manure
- ☐ Metals
  - ☐ Arsenic
  - ☐ Chromium
  - ☐ Lead
  - ☐ Other: _____
- ☐ Pesticides: _____
- ☐ Fertilizer: _____
- ☐ RCRA Hazardous Waste: _____
- ☐ Other: _____
- ☐ Unknown

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- ____ Air Contamination
- ____ Co-mingled (Petroleum & Non-Petroleum)
- ____ Contamination in Fractured Bedrock
- ____ Contamination Within 1 Meter of Bedrock
- ____ Contaminated Private Well
- ____ Contaminated Public Well
- ____ Contamination in Right of Way
- ____ Fire Explosion Threat
- ____ Free Product
- ____ Groundwater Contamination
- ____ Off-Site Contamination
- ____ Sanitary Sewer Contamination
- K Storm Sewer Contamination
- K Sediment Contamination
- ____ Soil Contamination
- ____ Soil Gas Contamination
- ____ Sub-slab Vapor Contamination
- ____ Surface Water Contamination
- ____ Within 100 ft of Private Well
- ____ Within 1000 ft of Public Well

Other (specify): _____

Contamination was discovered as a result of:

☐ Tank closure assessment Date _____

☒ Site assessment Date 12/20/2018

☐ Other - Describe: _____ Date _____

Lab results: ☐ Lab results will be faxed upon receipt ☒ Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

SEE ATTACHED DOCUMENT

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from USTs occurring after 9/30/2007 please provide the following information:

☐ Does not apply.

Source

- ☐ Tank
- ☐ Piping
- ☐ Dispenser
- ☐ Submersible Turbine Pump
- ☐ Delivery Problem
- ☐ Other (specify): _____

Cause

- ☐ Spill
- ☐ Overfill
- ☐ Corrosion
- ☐ Physical or Mechanical Damage
- ☐ Installation Problem
- ☒ Other (does not fit any of above)
- ☐ Unknown

Submit this completed form along with any associate lab results using the RR Program Submittal Portal, found on the DNR website at https://dnr.wi.gov/topic/Brownfields/Submittal.html.

If you have any questions, please contact the appropriate regional Environmental Program Associate (EPA) listed under the "EPAs" tab at https://dnr.wi.gov/topic/Brownfields/Contact.html.

FIGURES

Project : 19270 | Directory: CAD | Filename: 19270_Storm Sewer Map.dwg | Created By: JRS | Date: 1/29/21

42" DIA STORM SEWER
OUTFALL IE: 576.79
(CURRENTLY
PARTIALLY BURIED)

18 FT OF 42" DIA.
CORR. IRON PIPE

SKIPPER BUD'S SLIP

KINNICKINNIC RIVER

SOUTH HILBERT STREET

S MARINA DR

CHICAGO & NORTHWESTERN / UNION PACIFIC RAILROAD CO.

SOO LINE/CANADIAN RAILROAD CO.

E STEWART ST

E BECHER ST

S HILBERT ST

S ALLIS ST

UTILITY LEGEND

- ORDINARY HIGH WATER MARK (ELEVATION = 581.12)
- SAN — SANITARY SEWER LINE
- CS — COMBINED SEWER LINE
- SS — UNDERGROUND STORM SEWER
- MH — MANHOLE
- CB — CATCH BASIN

NOTES:
1) THE VERTICAL DATUM FOR SURVEYED ELEVATIONS IS THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929.
2) AERIAL IMAGERY (DATED 2015) IS SOURCE FROM THE SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION (SEWRPC).

MH-1
RIM ELEV: 584.02
36" CLAY N IE: 577.39
36" CLAY S IE: 577.39
DEPTH TO BOTTOM: 8.83'
WATER COLUMN: 6.0'

MH-2
RIM ELEV: 583.84
36" CLAY N IE: 578.08
36" CLAY S IE: 578.08
DEPTH TO BOTTOM: 8.42'
WATER COLUMN: 5.4'

MH-3
RIM ELEV: 583.96
36" CLAY N IE: 578.61
36" CLAY S IE: 578.61
DEPTH TO BOTTOM: 7.17'
WATER COLUMN: 3.7'

MH-4
RIM ELEV: 586.43
36" CLAY N INV 578.6
36" CLAY S INV 578.6
DEPTH TO BOTTOM: 7.83'
WATER COLUMN: 2.4' TO 3.6'

MH-5
RIM ELEV: 588.31
N INV 578.4
24" E INV 581.8
6" PVC NW INV 584.0
DEPTH TO BOTTOM: 9.83'
WATER COLUMN: 2.3' TO 3.3'

RIM ELEV: 585.84
S INV 580.0

RIM ELEV: 586.07
N INV 580.7
S INV 580.6
E INV 580.6

RIM ELEV: 585.84
N INV 581.4
SW INV 584.1

RIM ELEV: 588.22
FULL OF DEBRIS
BOTTOM ELEV. 584.5

MH-6
RIM ELEV: 589.13
12" E INV 584.2
18" S INV 583.9
12" W INV 583.9
DEPTH TO BOTTOM: 5.1'
TRICKLE FLOW - WATER
NOT MEASURABLE

MH-7

MH-8
DEPTH TO BOTTOM: 7.50'
TRICKLE FLOW - WATER
NOT MEASURABLE

MH-9
DEPTH TO BOTTOM: 8.00'
TRICKLE FLOW - WATER
NOT MEASURABLE

MH-10
DEPTH TO BOTTOM: 9.00'
TRICKLE FLOW - WATER
NOT MEASURABLE

RIM ELEV: 590.37
W INV 582.9
E INV 583.0

RIM ELEV: 588.35
W INV 583.4
S INV 583.4

N

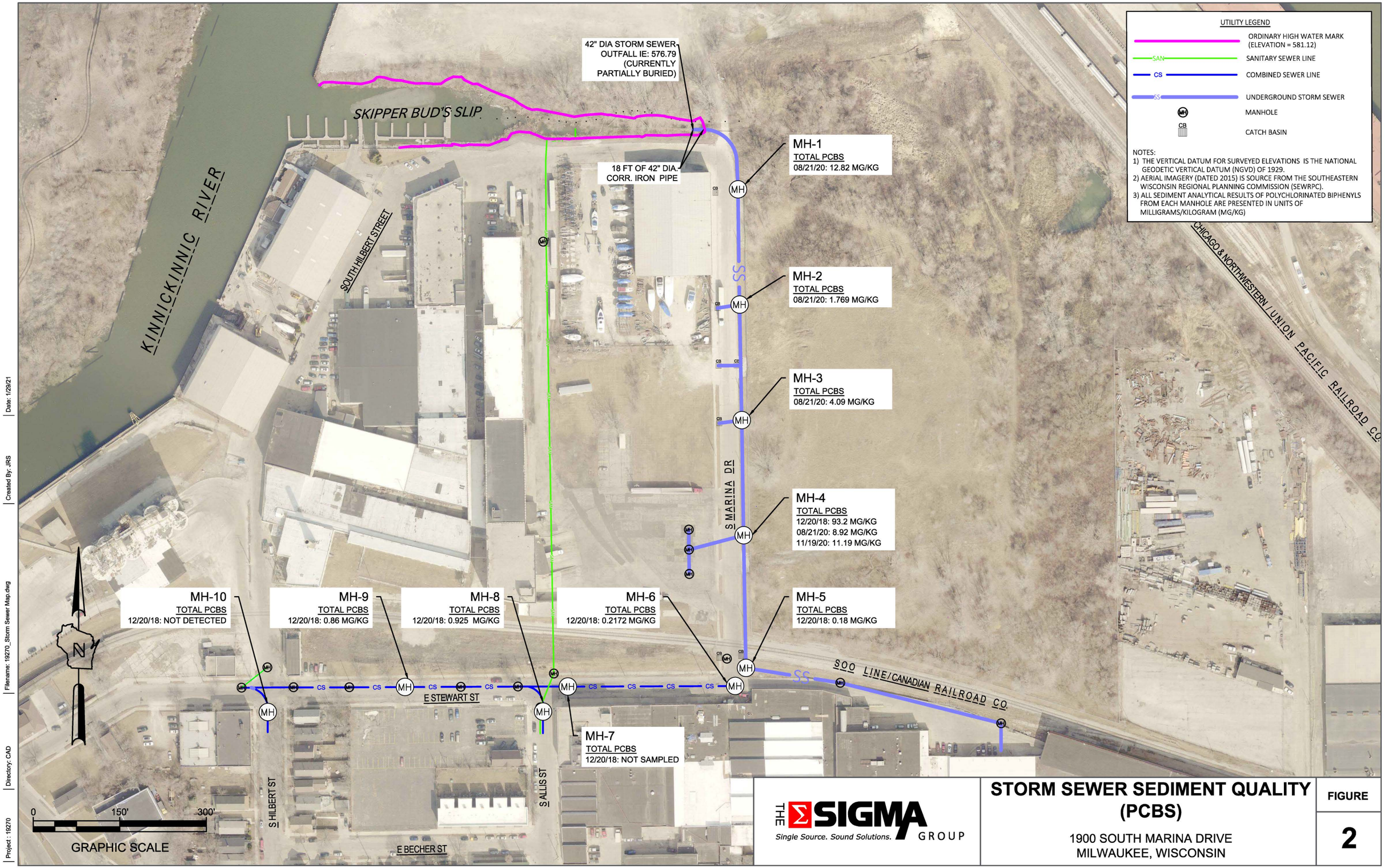
0 150' 300'
GRAPHIC SCALE

THE SIGMA GROUP
Single Source. Sound Solutions.

STORM SEWER MAP

1900 SOUTH MARINA DRIVE
MILWAUKEE, WISCONSIN

FIGURE
1



Date: 1/29/21
Created By: JRS
Filename: 19270_Storm Sewer Map.dwg
Directory: CAD
Project: 19270

THE SIGMA GROUP
Single Source. Sound Solutions.

STORM SEWER SEDIMENT QUALITY (PCBS)

1900 SOUTH MARINA DRIVE
MILWAUKEE, WISCONSIN

FIGURE
2

TABLES

TABLE 1
Manhole Condition Observation and Sampling Activities
Sewer System at the South Marina Drive and East Stewart Street
Grand Trunk Site, Bay View, Milwaukee
Sigma Project No. 19270

MH-1

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	2.8	8.8	6.0	Water too deep to enter the manhole and sample.
8/21/20	-	8.8	-	Minimal sediment present. Peristaltic pump was used to obtain sediment/water mixture in a bucket and sediment was allowed to settle. Water was decanted and a sediment sample was collected for PCB analysis.

MH-2

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	3.0	8.4	5.4	Water too deep to enter the manhole and sample.
8/21/20	-	8.4	-	Minimal sediment present. Peristaltic pump was used to obtain sediment/water mixture in a bucket and sediment was allowed to settel. Water was decanted and a sediment sample was collected for PCB analysis.

MH-3

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	3.5	7.2	3.7	Water too deep to enter the manhole and sample.
8/21/20	-	7.2	-	Minimal sediment present. Peristaltic pump was used to obtain sediment/water mixture in a bucket and sediment was allowed to settle. Water was decanted and a sediment sample was collected for PCB analysis.

MH-4

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	5.4	7.8	2.4	1 -2 inches of sediment present. A grab sample was collected by shovel after entering the manhole.
8/21/20	-	7.8	-	1 -2 inches of sediment present. A grab sample was collected using a long handle scoop without entering the manhole.
10/9/20	4.6	7.8	3.2	1 - 2 inched of sediment present. No sample collected.
10/20/20	4.5	7.8	3.3	1 - 2 inched of sediment present. No sample collected.
11/4/20	4.2	7.8	3.6	1 - 2 inched of sediment present. No sample collected.
11/19/20	4.4	7.8	3.4	1 - 2 inches of sediment present at the bottom. Sediment sample was collected using a long handle scoop without entering the manhole. A grab water sample was also collected using a peristaltic pump for PCBs analysis.

TABLE 1
Manhole Condition Observation and Sampling Activities
Sewer System at the South Marina Drive and East Stewart Street
Grand Trunk Site, Bay View, Milwaukee
Sigma Project No. 19270

MH-5

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	-	-	-	Manhole could not be located. A nearby catch basin was used to collect sediment representing manhole MH-5.
8/21/20	-	9.9	-	No sediment
10/9/20	7.6	9.9	2.3	No sediment
10/20/20	6.6	9.9	3.3	No sediment
11/4/20	7.0	9.9	2.9	No sediment
11/19/20	7.6	9.9	2.3	No sediment present. A grab water sample was collected using a peristaltic pump for PCBs analysis.

MH-6

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	Trickle	5.1	-	A sediment sample was collected by hand after entering the manhole.
10/9/20	Trickle	5.1	-	No sediment
10/20/20	Trickle	5.1	-	No sediment
11/4/20	Trickle	5.1	-	No sediment
11/19/20	Trickle	5.1	-	No sediment present. A grab water sample was collected using a peristaltic pump for PCBs analysis.

MH-7

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	-	-	-	Manhole could not be located.

MH-8

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	Trickle	7.5	-	A sediment sample collected by hand after entering the manhole.

MH-9

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	Trickle	8.0	-	A sediment sample collected by hand after entering the manhole.

MH-10

Date	Depth to Water (feet TOR)	Manhole Depth (feet TOR)	Water Column (feet)	Observations/Comments
12/20/18	Trickle	9.0	-	A sediment sample collected by hand after entering the manhole.

Notes:
1. feet TOR = feet from top of rim

Data entered / updated by: JVW Date: 1/27/2021

Data checked by: _____ Date: _____

TABLE 2
Summary of Sediment Analytical Results
Sewer System at the South Marina Drive and East Stewart Street
Sigma Project No. 19270

													Consensus Based Sediment Quality Guidelines			Ch. NR 720 Soil Residual Contaminant Levels			
Sediment Sample Location:		MH-1	MH-2	MH-3	MH-4			MH-5	MH-6	MH-8	MH-9	MH-10	Threshold Effect Concentration (TEC)[4]	Midpoint Effect Concentration (MEC)[5]	Probable Effect Concentration (PEC)[6]	Groundwater Pathway RCL[7]	Non-Industrial Direct Contact RCL[8]	Industrial Direct Contact RCL[9]	Background Threshold Value[10]
Depth to Bottom:		106"	101"	86"	94 "			38 "	62 "	7.5 '	8 '	9 '							
Sample Collection Date:		8/21/20	8/21/20	8/21/20	12/20/18	8/21/20	11/19/20	12/20/18	12/20/18	12/20/18	12/20/18	12/20/18							
PCBs																			
PCB-1016	mg/kg	<0.0118	<0.0118	<0.0118	<0.53	<0.0118	<0.0118	<0.0060	<0.0049	<0.0062	<0.0049	<0.0064	NS	NS	NS	0.0094	4.11	28	NS
PCB-1221	mg/kg	<0.0118	<0.0118	<0.0118	<0.93	<0.0118	<0.0118	<0.011	<0.0085	<0.011	<0.0085	<0.011	NS	NS	NS	0.0094	0.213	0.883	NS
PCB-1232	mg/kg	<0.0118	<0.0118	<0.0118	<0.93	<0.0118	<0.0118	<0.011	<0.0085	<0.011	<0.0085	<0.011	NS	NS	NS	0.0094	0.19	0.792	NS
PCB-1242	mg/kg	**6.06**	**1.19**	**1.92**	<0.80	**5.05**	**5.07**	<0.0090	<0.0073	<0.0093	<0.0073	<0.0096	NS	NS	NS	0.0094	0.235	0.972	NS
PCB-1248	mg/kg	<0.0074	<0.0074	<0.0074	<0.67	<0.0074	<0.0074	<0.0075	<0.0061	<0.0078	<0.0061	<0.0080	NS	NS	NS	0.0094	0.236	0.975	NS
PCB-1254	mg/kg	<0.0074	<0.0074	<0.0074	**55.8**	<0.0074	**6.12**	<0.0075	**0.144**	**0.746**	**0.661**	<0.0080	NS	NS	NS	0.0094	0.239	0.988	NS
PCB-1260	mg/kg	**6.76**	**0.579**	**2.17**	**37.4**	**3.87**	<0.0074	**0.138**	**0.0732**	**0.179**	**0.199**	<0.0048	NS	NS	NS	0.0094	0.243	1	NS
PCB-Total	mg/kg	**12.82**	**1.769**	**4.09**	**93.2**	**8.92**	**11.19**	***0.138***	***0.2172***	**0.925**	**0.86**	NA	0.06	0.368	0.676	0.0658	5.47	34	NS

Notes:

1. Unsaturated/smear zone versus satured soil conditions based on: (1) measured water levels in adjacent/nearby monitoring wells, or (2) soil moisture conditions recorded on soil boring logs during drilling.

2. Analytical units: mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)

3. NA = not analyzed

4. Threshold Effect Concentration = lower effect level (dry weight at 1% Total Organic Carbon (TOC) at which toxicity to benthic-dwelling organisms are predicted to be unlikely and probable as presented in Tables 1 through 4 in WDNR guidance document PUB-RR-088 "Consensus-Based Sediment Quality Guidelines - Recommendations for Use and Application", dated December 2003

5. Midpoint Effect Concentration = the concentration (dry weight at 1% Total Organic Carbon (TOC) midway between the TEC and PEC concentrations at which toxicity to benthic-dwelling organisms are predicted to be unlikely and probable as presented in Tables 1 through 4 in WDNR guidance document PUB-RR-088 "Consensus-Based Sediment Quality Guidelines - Recommendations for Use and Application", dated December 2003

6. Probable Effect Concentration = upper effect level (dry weight at 1% Total Organic Carbon (TOC) at which toxicity to benthic-dwelling organisms are predicted to be unlikely and probable as presented in Tables 1 through 4 in WDNR guidance document PUB-RR-088 "Consensus-Based Sediment Quality Guidelines - Recommendations for Use and Application", dated December 2003

7. Groundwater Pathway RCL = Residual Contaminant Level for protection of groundwater (dilution factor of 2) as presented on the WDNR's RCL Spreadsheet (dated June 2018) referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014.

8. Non-Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at a non-industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014.

9. Industrial Direct Contact RCL = Residual Contaminant Level for protection of direct contact at an industrial property as presented on the WDNR's RCL Spreadsheet (dated June 2018) with default input parameters as referenced in WDNR guidance document PUB-RR-890 "Soil Residual Contaminant Level Determinations Using the US EPA Regional Screening Level Web Calculator", dated June 2014.

10. Background Threshold Value = Non-outlier trace element maximum levels in Wisconsin surface soils from USGS report "Distribution and Variation of Arsenic in Wisconsin Surface Soils, With Data on Other Trace Elements" (revised February 2013).

11. NS = no standard established

12. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation

13. Exceedances: **BOLD** any exceedances

TABLE 3
Water Analytical Results
Sewer System at the South Marina Drive and East Stewart Street
Grand Trunk Site, Bay View, Milwaukee
Sigma Project No. 19270

Manhole Location:		MH-4	MH-5	MH-6	NR 140 ES	NR 140 PAL
Date:		11/19/20	11/19/20	11/19/20		
PCBs						
PCB-1016	µg/L	<0.269	<0.269	<0.269	NS	NS
PCB-1221	µg/L	<0.269	<0.269	<0.269	NS	NS
PCB-1232	µg/L	<0.269	<0.269	<0.269	NS	NS
PCB-1242	µg/L	<0.269	<0.269	<0.269	NS	NS
PCB-1248	µg/L	<0.173	<0.173	<0.173	NS	NS
PCB-1254	µg/L	<0.173	<0.173	<0.173	NS	NS
PCB-1260	µg/L	<0.173	<0.173	<0.173	NS	NS
PCB-Total	µg/L	NA	NA	NA	0.03	0.003

Notes:
1. NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
2. NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
3. NS = no standard NA = Not Analyzed
4. µg/L = micrograms per liter (equivalent to parts per billion, ppb)
5. Laboratory flags: "J" = Analyte detected between Limit of Detection and Limit of Quantitation.
6. Exceedances: **BOLD** = Concentration exceeds NR 140 ES
   ITALICS = Concentration exceeds NR 140 PAL
7. Special notes: * = not an NR 140 ES or PAL exceedance per NR 140. 12/22/2020

Data entered / updated by: JVW Date:
Data checked by: Date:

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ANALYTICAL REPORT

SIGMA
MAFIZUL ISLAM
1300 W CANAL STREET
MILWAUKEE, WI 53233

Project Name: CITY OF MIL. GRAND TRUCK
Project Phase:
Contract #: 2582
Project #: 18199
Folder #: 141922
Purchase Order #:

Arrival Temperature: See COC
Report Date: 01/04/2019
Date Received: 12/21/2018
Reprint Date: 01/07/2019

CT LAB Sample#: 225342 Sample Description: MH-4 Sampled: 12/20/2018 0930

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**74.2**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.53	mg/kg	0.53	1.9	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1221	<0.93	mg/kg	0.93	3.3	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1232	<0.93	mg/kg	0.93	2.9	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1242	<0.80	mg/kg	0.80	2.5	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1248	<0.67	mg/kg	0.67	2.3	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1254	**55.8**	mg/kg	0.67	2.1	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A
Aroclor-1260	**37.4**	mg/kg	0.40	1.1	100		12/31/2018 11:40	01/03/2019 10:41	AJZ	EPA 8082A

CT LAB Sample#: 225343 Sample Description: MH-5 Sampled: 12/20/2018 1000

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 225343 Sample Description: MH-5 Sampled: 12/20/2018 1000

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Solids, Percent	**64.4**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.0060	mg/kg	0.0060	0.021	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1221	<0.011	mg/kg	0.011	0.038	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1232	<0.011	mg/kg	0.011	0.033	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1242	<0.0090	mg/kg	0.0090	0.029	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1248	<0.0075	mg/kg	0.0075	0.026	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1254	<0.0075	mg/kg	0.0075	0.024	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A
Aroclor-1260	**0.138**	mg/kg	0.0045	0.012	1		12/31/2018 11:40	01/02/2019 18:16	AJZ	EPA 8082A

CT LAB Sample#: 225344 Sample Description: MH-6 Sampled: 12/20/2018 1100

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**80.8**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.0049	mg/kg	0.0049	0.017	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1221	<0.0085	mg/kg	0.0085	0.030	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1232	<0.0085	mg/kg	0.0085	0.027	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1242	<0.0073	mg/kg	0.0073	0.023	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1248	<0.0061	mg/kg	0.0061	0.021	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1254	**0.144**	mg/kg	0.0061	0.020	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A
Aroclor-1260	**0.0732**	mg/kg	0.0037	0.0098	1		12/31/2018 11:40	01/02/2019 18:37	AJZ	EPA 8082A

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 225345 Sample Description: MH-8 Sampled: 12/20/2018 1130

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**64.1**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.0062	mg/kg	0.0062	0.022	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1221	<0.011	mg/kg	0.011	0.039	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1232	<0.011	mg/kg	0.011	0.034	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1242	<0.0093	mg/kg	0.0093	0.030	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1248	<0.0078	mg/kg	0.0078	0.026	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1254	**0.746**	mg/kg	0.0078	0.025	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A
Aroclor-1260	**0.179**	mg/kg	0.0047	0.012	1		12/31/2018 11:40	01/02/2019 18:57	AJZ	EPA 8082A

CT LAB Sample#: 225346 Sample Description: MH-9 Sampled: 12/20/2018 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**79.0**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.0049	mg/kg	0.0049	0.017	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A
Aroclor-1221	<0.0085	mg/kg	0.0085	0.030	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A
Aroclor-1232	<0.0085	mg/kg	0.0085	0.027	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A
Aroclor-1242	<0.0073	mg/kg	0.0073	0.023	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A
Aroclor-1248	<0.0061	mg/kg	0.0061	0.021	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A
Aroclor-1254	**0.661**	mg/kg	0.0061	0.019	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB Sample#: 225346 Sample Description: MH-9 Sampled: 12/20/2018 1200

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Aroclor-1260	**0.199**	mg/kg	0.0036	0.0097	1		12/31/2018 11:40	01/02/2019 19:18	AJZ	EPA 8082A

CT LAB Sample#: 225347 Sample Description: MH-10 Sampled: 12/20/2018 1230

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Solids, Percent	**61.8**	%	0.1	0.1	1			12/24/2018 12:16	BMM	EPA 8000C
Organic Results										
Aroclor-1016	<0.0064	mg/kg	0.0064	0.022	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1221	<0.011	mg/kg	0.011	0.040	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1232	<0.011	mg/kg	0.011	0.035	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1242	<0.0096	mg/kg	0.0096	0.030	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1248	<0.0080	mg/kg	0.0080	0.027	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1254	<0.0080	mg/kg	0.0080	0.026	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A
Aroclor-1260	<0.0048	mg/kg	0.0048	0.013	1		12/31/2018 11:40	01/02/2019 19:39	AJZ	EPA 8082A

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates a value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution and also any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted. The results reported relate only to the samples tested. This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached.

Submitted by: Eric T. Korthals
Project Manager
608-356-2760

Current CT Laboratories Certifications
Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 105-289
Louisiana NELAP (primary) ID# ACC20160002
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
Maryland Lab ID# WI00061
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01
GA EPD Stipulation ID ACC20160002

Rev. 2/2017

WASTEWATER CHAIN OF CUSTODY

Page 1 of 1

Company: The Sigma Group
Project Contact: Kristin Kurzka
Telephone: 414-643-4127
Project Name: City of Mil. Grand Trunk
Project #: 18199
Location: Mil, WI
Sampled By: D. Kuhtz, M. Murray

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Folder #: 141922
Company: SIGMA
Project: CITY OF MIL. GRAND T
Logged By: DRT PM: ET

rogram:
SM RCRA SDWA NPDES
olid Waste Other _____
O #

Report To:
EMAIL: KKurzka@thesigmagroup.com
Company: The Sigma Group
Address: 1300 W Canal St Mil, WI 53233

Invoice To:*
EMAIL: SAME
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample ID Description	Filtered? Y/N	BOD	TSS	pH	Fecal Coliform	Chloride	Nitrate + Nitrite	Phosphorous	Ammonia Nit (NH3-N)	TKN	Lab Filtration	PCBs			Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
					ANALYSES REQUESTED / Fill in Spaces with Bottles per Test																
12/20/18	0930	S	G	MH - 4												1					225342
	1000			MH - 5												1					225343
	1100			MH - 6												1					225344
	1130			MH - 8												1					225345
	1200			MH - 9												1					225346
	1230			MH - 10												1					225347

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished by:	Date/Time	Received By:	Date/Time
[signature]	12/20/18 3:00P	[signature]	12/21/18 1140
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		[signature]	12/21/18 1143

Lab Use Only
Ice Present Yes No
Temp 1.5 IR Gun 22
Cooler # 6(19

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

MAFIZUL ISLAM
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *08-Sep-20*

Project Name GRAND TANK SEWER **Invoice #** E38376
Project # 19270

Lab Code 5038376A
Sample ID MH-1
Sample Matrix Soil
Sample Date 8/21/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	75.1	%			1	5021		8/27/2020	MJR	1
Organic										
PCB'S										
PCB-1016	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1221	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1232	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1242	6.06	mg/kg	0.118	0.394	10	EPA 8082A		9/2/2020	ESC	1
PCB-1248	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1254	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1260	6.76	mg/kg	0.074	0.246	10	EPA 8082A		9/2/2020	ESC	1

Project Name GRAND TANK SEWER **Invoice #** E38376
Project # 19270

Lab Code 5038376B
Sample ID MH-2
Sample Matrix Soil
Sample Date 8/21/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	74.3	%			1	5021		8/27/2020	MJR	1
Organic										
PCB'S										
PCB-1016	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1221	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1232	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1242	1.19	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1 87
PCB-1248	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1254	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1260	0.579	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1

Lab Code 5038376C
Sample ID MH-3
Sample Matrix Soil
Sample Date 8/21/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	70.2	%			1	5021		8/27/2020	MJR	1
Organic										
PCB'S										
PCB-1016	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1221	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1232	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1242	1.92	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1 87
PCB-1248	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1254	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1260	2.17	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1 87

Project Name GRAND TANK SEWER **Invoice #** E38376
Project # 19270

Lab Code 5038376D
Sample ID MH-4
Sample Matrix Soil
Sample Date 8/21/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	74.5	%			1	5021		8/27/2020	MJR	1
Organic										
PCB'S										
PCB-1016	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1 64
PCB-1221	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1232	< 0.0118	mg/kg	0.0118	0.0394	1	EPA 8082A		9/2/2020	ESC	1
PCB-1242	5.05	mg/kg	0.059	0.197	5	EPA 8082A		9/2/2020	ESC	1 87
PCB-1248	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1254	< 0.0074	mg/kg	0.0074	0.0246	1	EPA 8082A		9/2/2020	ESC	1
PCB-1260	3.87	mg/kg	0.037	0.123	5	EPA 8082A		9/2/2020	ESC	1 64

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
64	Spike recovery failed due to matrix interference.
87	RPD between the primary and confirmatory analysis exceeded 40%

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 41174
Page 1 of 1

Sample Handling Request
___ Rush Analysis Date Required: ____
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #
QUOTE # :
Project #: 19270
Sampler: (signature)

Project (Name / Location): Grand Trunk Sewer

Reports To: Mahzul Islam	Invoice To:
Company The Sigma Group	Company
Address 1300 W. Canal St.	Address SAME
City State Zip Milwaukee, WI 53233	City State Zip
Phone 414-643-4200	Phone
Email mislam@thesigmagroup.com	Email

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID
503933-01 A	MH-1	8/21		N	1	S	—							X									
B	MH-2	↓		↓	↓	↓	↓							X									
C	MH-3													X									
D	MH-4													X									

Analysis Requested | Other Analysis

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Car
Temp. of Temp. Blank: ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	7:15	8/24			

Received in Laboratory By: Time: 8:00 Date: 8/25/20

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

JUSTIN VAN WIERINGEN
THE SIGMA GROUP, INC.
1300 W. CANAL STREET
MILWAUKEE, WI 53233

Report Date *08-Dec-20*

Project Name GRAND TRUNK
Project # 19270

Invoice # E38827

Lab Code 5038827A
Sample ID MH-4
Sample Matrix Water
Sample Date 11/19/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PCB'S										
PCB-1016	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	2 7
PCB-1221	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1232	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1242	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1248	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1254	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1260	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1

Lab Code 5038827B
Sample ID MH-5
Sample Matrix Water
Sample Date 11/19/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PCB'S										
PCB-1016	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	2 7
PCB-1221	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1232	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1242	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1248	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1254	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1260	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1

Project Name GRAND TRUNK **Invoice #** E38827
Project # 19270

Lab Code 5038827C
Sample ID MH-6
Sample Matrix Water
Sample Date 11/19/2020

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PCB'S										
PCB-1016	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	2 7
PCB-1221	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1232	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1242	< 0.269	ug/l	0.269	0.898	1	EPA 8082		12/4/2020	ESC	1
PCB-1248	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1254	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1
PCB-1260	< 0.173	ug/l	0.173	0.575	1	EPA 8082		12/4/2020	ESC	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.
2	Relative percent difference failed for laboratory spiked samples.
7	The LCS not within established limits.

ESC denotes sub contract lab - Certification #998093910

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Chain # No 41172

Page 1 of 1

Lab I.D. #	
QUOTE # :	
Project #:	19270
Sampler: (signature)	

Sample Handling Request

Rush Analysis Date Required:
(Rushes accepted only with prior authorization)
X Normal Turn Around

Project (Name / Location):	Grand Trunk		
Reports To:	Justin van Wiermeyen	Invoice To:	
Company	The Sigma Group	Company	SAME
Address	1300 W. Canal Street	Address	
City State Zip	Milwaukee, WI 53233	City State Zip	
Phone	414-643-4200	Phone	
Email	jvanwiermeyen@thesigmagroup.com	Email	

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID
503827 A	MH-4	11/19		N	1	Water	—							X									
B	MH-5	↓		↓	↓	↓	—							X									
C	MH-6	↓		↓	↓	↓	—							X									

Analysis Requested | Other Analysis

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Car

Temp. of Temp. Blank: ____ °C On Ice: X

Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	9:00AM	11/20/20			

Received in Laboratory By: Time: 10:00 Date: 11/21/20