

FID # 268182310

BRRTS # 02-68-577004

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Form 4400-225 (09/13) Page 1 of 2

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: RCRA STORAGE FACILITY

Rec'd
3/31/16

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

Date DNR Notified: 3-17-16

1. Discharge Reported By

Name Mori Sorenson	Firm Safety-Kleen Systems, Inc.	Phone No. (include area code) 515-266-0319
Mailing Address 4704 NE 22nd Street, Des Moines, IA 50313		Email Address mori.sorenson@safety-kleen.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. Safety-Kleen Systems, Inc.

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. 2200 S. West Ave.

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

Waukesha

County: Waukesha	Legal Description: NE 1/4 NE 1/4 Sec 22 Tn 6N Range 19 E W	WTM: X Y
---------------------	---	-------------

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.

Safety-Kleen Systems, Inc.

☐ Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats.
For more information see <http://dnr.wi.gov/topic/Brownfields/Liability.html>.

Contact Person Name (if different)	Phone Number	Email Address	
Mailing Address	City	State	ZIP Code

Property owner if Different From RP: 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 Address	
Mailing Address	City	State	ZIP Code

(continued)

**Notification For Hazardous Substance Discharge
(Non-Emergency Only)**

Form 4400-225 (09/13) Page 2 of 2

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- | | | |
|--|--|---|
| <input type="checkbox"/> VOC's | <input type="checkbox"/> Diesel | <input type="checkbox"/> PERC (Dry Cleaners) |
| <input type="checkbox"/> PAH's | <input type="checkbox"/> Fuel Oil | <input type="checkbox"/> RCRA Hazardous Waste |
| <input type="checkbox"/> Metals (specify): _____ | <input type="checkbox"/> Gasoline | <input type="checkbox"/> Leachate |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Hydraulic Oil | <input type="checkbox"/> Fertilizer |
| <input type="checkbox"/> Chromium | <input type="checkbox"/> Jet Fuel | <input type="checkbox"/> Pesticide/Herbicide/Insecticide(s) |
| <input type="checkbox"/> Cyanide | <input type="checkbox"/> Mineral Oil | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Lead | <input type="checkbox"/> Waste Oil | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> PCB's | <input checked="" type="checkbox"/> Petroleum-Unknown Type | |

5. Impacts to the Environment Information

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

- | | | |
|---|--|--|
| <input type="checkbox"/> Air Contamination | <input type="checkbox"/> Sanitary Sewer Contamination | <input checked="" type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Co-Contamination (Petroleum & Non-Petroleum) | <input type="checkbox"/> Contamination in Right of Way | <input type="checkbox"/> Storm Sewer |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Fire Explosion Threat | <input type="checkbox"/> Surface Water Contamination |
| <input type="checkbox"/> Contaminated Private Well | <input type="checkbox"/> Free Product | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Public Well | <input type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contamination in Fractured Bedrock | <input type="checkbox"/> Off-Site Contamination | |
| | <input type="checkbox"/> Other (specify): _____ | |

Contamination was discovered as a result of:

- | | | |
|--|--|--|
| <input type="checkbox"/> Tank closure assessment | <input type="checkbox"/> Site assessment | <input checked="" type="checkbox"/> Other - Describe: <u>CONSTRUCTION EXCAVATION</u> |
| Date: _____ | Date: _____ | Date: <u>3-17-16</u> |

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.

Excavated soil containerized pending additional assessment

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

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

- | | <u>Source</u> | <u>Cause</u> |
|---|--|--------------|
| <input type="checkbox"/> Tank | <input type="checkbox"/> Spill | |
| <input type="checkbox"/> Piping | <input type="checkbox"/> Overfill | |
| <input type="checkbox"/> Dispenser | <input type="checkbox"/> Corrosion | |
| <input type="checkbox"/> Submersible Turbine Pump | <input type="checkbox"/> Physical or Mechanical Damage | |
| <input type="checkbox"/> Delivery Problem | <input type="checkbox"/> Installation Problem | |
| <input type="checkbox"/> Other (specify): _____ | <input type="checkbox"/> Other (does not fit any of above) | |
| | <input type="checkbox"/> Unknown | |

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

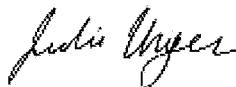
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

TestAmerica Job ID: 180-53240-1
TestAmerica Sample Delivery Group: 77WAU
Client Project/Site: SAFETY KLEEN, Safety-Kleen Customer

For:
Safety-Kleen Systems, Inc
1502 East Villa Street
2nd Floor
Elgin, Illinois 60120

Attn: Rick Haskins



Authorized for release by:
3/29/2016 11:09:45 AM
Julie Unger, Project Management Assistant I
julie.unger@testamericainc.com
Designee for
Debra Bowen, Project Manager I
(412)963-2445
debra.bowen@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

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.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Certification Summary	4
Definitions	5
Sample Summary	6
Method Summary	7
Client Sample Results	8
Chronicle	10
Action Limits	12
Chain of Custody	13
Receipt Checklists	17



Case Narrative

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Job ID: 180-53240-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-53240-1

Receipt

The sample was received on 3/22/2016 9:00 AM; the sample arrived in good condition. The temperature of the cooler at receipt was 2.0° C.

GC/MS VOA

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 171717 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for 171717 was outside control limits. Sample matrix interference is suspected.

GC/MS Semi VOA

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

Metals

Method 6010B: The %RSD for several analytes in the second continuing calibration verification (CCV2) was greater than 5%, as per 6010B, but the subsequent CCV's throughout the run had passed for these analytes. Samples 1 (180-53240-1), (180-53197-A-3-B) and (180-53197-A-3-B SD ^) are reported as is with this narrative.

General Chemistry

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

Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-16
California	State Program	9	2891	03-31-16 *
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-16
Illinois	NELAP	5	200005	06-30-16
Kansas	NELAP	7	E-10350	05-31-16
Louisiana	NELAP	6	04041	06-30-16
New Hampshire	NELAP	1	2030	04-04-16
New Jersey	NELAP	2	PA005	06-30-16
New York	NELAP	2	11182	03-31-16 *
North Carolina (WW/SW)	State Program	4	434	12-31-16
Pennsylvania	NELAP	3	02-00416	04-30-16
South Carolina	State Program	4	89014	04-30-16
Texas	NELAP	6	T104704528-15-2	03-31-16 *
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	PA001462015-4	05-31-16
Virginia	NELAP	3	460189	09-14-16
West Virginia DEP	State Program	3	142	01-31-17
Wisconsin	State Program	5	998027800	08-31-16

Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14 *
California	State Program	9	2927	04-30-17
Connecticut	State Program	1	PH-0590	12-31-17
Florida	NELAP	4	E87225	06-30-16
Illinois	NELAP	5	200004	07-31-16
Kansas	NELAP	7	E-10336	01-31-16 *
Kentucky (UST)	State Program	4	58	02-23-17
Kentucky (WW)	State Program	4	98016	12-31-16
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-16
Nevada	State Program	9	OH-000482008A	07-31-16
New Jersey	NELAP	2	OH001	06-30-16 *
New York	NELAP	2	10975	03-31-16 *
Ohio VAP	State Program	5	CL0024	09-14-17
Oregon	NELAP	10	4062	02-23-17
Pennsylvania	NELAP	3	68-00340	08-31-16
Texas	NELAP	6	T104704517-15-5	08-31-16
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-16
Washington	State Program	10	C971	01-12-17
West Virginia DEP	State Program	3	210	12-31-16
Wisconsin	State Program	5	999518190	08-31-16

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
F1	MS and/or MSD Recovery is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits

Metals

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.

General Chemistry

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.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-53240-1	1	Solid	03/21/16 15:00	03/22/16 09:00

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT
7470A	Mercury (CVAA)	SW846	TAL PIT
1020B	Ignitability, Small Scale Closed-Cup Method	SW846	TAL PIT
2540G	SM 2540G	SM22	TAL PIT
9023	Organic Halides, Extractable (EOX)	SW846	TAL CAN
9071B	HEM and SGT-HEM	SW846	TAL PIT

Protocol References:

SM22 = SM22

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

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Client Sample ID: 1

Lab Sample ID: 180-53240-1

Date Collected: 03/21/16 15:00

Matrix: Solid

Date Received: 03/22/16 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			03/25/16 10:48	1
1,2-Dichloroethane	ND		0.20	0.038	mg/L			03/25/16 10:48	1
2-Butanone (MEK)	ND	F2	0.20	0.043	mg/L			03/25/16 10:48	1
Benzene	ND		0.20	0.040	mg/L			03/25/16 10:48	1
Carbon tetrachloride	ND		0.20	0.043	mg/L			03/25/16 10:48	1
Chlorobenzene	ND		0.20	0.021	mg/L			03/25/16 10:48	1
Chloroform	ND	F1	0.20	0.040	mg/L			03/25/16 10:48	1
Tetrachloroethene	ND		0.20	0.033	mg/L			03/25/16 10:48	1
Trichloroethene	ND		0.20	0.032	mg/L			03/25/16 10:48	1
Vinyl chloride	ND		0.20	0.052	mg/L			03/25/16 10:48	1
1,4-Dichlorobenzene	ND		0.20	0.021	mg/L			03/25/16 10:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		80 - 120		03/25/16 10:48	1
1,2-Dichloroethane-d4 (Surr)	90		62 - 123		03/25/16 10:48	1
4-Bromofluorobenzene (Surr)	100		75 - 120		03/25/16 10:48	1
Dibromofluoromethane (Surr)	95		80 - 120		03/25/16 10:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 16:49	1
2,4,6-Trichlorophenol	ND		0.050	0.011	mg/L		03/24/16 12:50	03/25/16 16:49	1
2,4-Dinitrotoluene	ND		0.050	0.010	mg/L		03/24/16 12:50	03/25/16 16:49	1
2-Methylphenol	ND		0.050	0.014	mg/L		03/24/16 12:50	03/25/16 16:49	1
Hexachlorobenzene	ND		0.050	0.011	mg/L		03/24/16 12:50	03/25/16 16:49	1
Hexachlorobutadiene	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 16:49	1
Hexachloroethane	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 16:49	1
Nitrobenzene	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 16:49	1
Pentachlorophenol	ND	*	0.25	0.022	mg/L		03/24/16 12:50	03/25/16 16:49	1
Pyridine	ND		0.10	0.0083	mg/L		03/24/16 12:50	03/25/16 16:49	1
Methylphenol, 3 & 4	ND		0.050	0.027	mg/L		03/24/16 12:50	03/25/16 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	71		35 - 115	03/24/16 12:50	03/25/16 16:49	1
2-Fluorophenol	74		20 - 110	03/24/16 12:50	03/25/16 16:49	1
Nitrobenzene-d5	64		39 - 115	03/24/16 12:50	03/25/16 16:49	1
Phenol-d5	72		30 - 118	03/24/16 12:50	03/25/16 16:49	1
Terphenyl-d14	89		30 - 143	03/24/16 12:50	03/25/16 16:49	1
2,4,6-Tribromophenol	77		19 - 138	03/24/16 12:50	03/25/16 16:49	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.50	0.037	mg/L		03/24/16 11:02	03/25/16 13:16	1
Barium	0.63	J B	2.0	0.0014	mg/L		03/24/16 11:02	03/25/16 13:16	1
Cadmium	ND		0.50	0.0026	mg/L		03/24/16 11:02	03/25/16 13:16	1
Chromium	ND		0.50	0.0097	mg/L		03/24/16 11:02	03/25/16 13:16	1
Lead	ND		0.50	0.021	mg/L		03/24/16 11:02	03/25/16 13:16	1
Selenium	ND		0.50	0.025	mg/L		03/24/16 11:02	03/25/16 13:16	1
Silver	ND		0.50	0.0069	mg/L		03/24/16 11:02	03/25/16 13:16	1

TestAmerica Pittsburgh

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Client Sample ID: 1

Date Collected: 03/21/16 15:00

Date Received: 03/22/16 09:00

Lab Sample ID: 180-53240-1

Matrix: Solid

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000052	mg/L		03/24/16 12:26	03/25/16 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ignitability	<140				Degrees F			03/27/16 12:41	1
Percent Moisture	14.1		0.1	0.1	%			03/23/16 13:44	1

Client Sample ID: 1

Date Collected: 03/21/16 15:00

Date Received: 03/22/16 09:00

Lab Sample ID: 180-53240-1

Matrix: Solid

Percent Solids: 85.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Halogens, Extractable Organic	ND		230	37	mg/Kg	*	03/29/16 08:02	03/29/16 09:06	1
HEM	470		190	33	mg/Kg	*	03/23/16 01:30	03/23/16 01:30	1
SGT-HEM	73	J	190	51	mg/Kg	*	03/23/16 01:30	03/23/16 01:30	1

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Client Sample ID: 1

Date Collected: 03/21/16 15:00

Date Received: 03/22/16 09:00

Lab Sample ID: 180-53240-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			171717	03/24/16 12:24	JPM	TAL PIT
TCLP	Analysis	8260B		1	171780	03/25/16 10:48	PJJ	TAL PIT
TCLP	Leach	1311			171594	03/23/16 12:45	JPM	TAL PIT
TCLP	Prep	3510C			171732	03/24/16 12:50	CBY	TAL PIT
TCLP	Analysis	8270C		1	171771	03/25/16 16:49	VVP	TAL PIT
TCLP	Leach	1311			171594	03/23/16 12:45	JPM	TAL PIT
TCLP	Prep	3010A			171699	03/24/16 11:02	ANA	TAL PIT
TCLP	Analysis	6010B		1	171894	03/25/16 13:16	RJR	TAL PIT
TCLP	Leach	1311			171594	03/23/16 12:45	JPM	TAL PIT
TCLP	Prep	7470A			171719	03/24/16 12:26	EVR	TAL PIT
TCLP	Analysis	7470A		1	171849	03/25/16 13:31	EVR	TAL PIT
Total/NA	Analysis	1020B		1	171882	03/27/16 12:41	JLR	TAL PIT
Total/NA	Analysis	2540G		1	171598	03/23/16 13:44	CLL	TAL PIT

Client Sample ID: 1

Date Collected: 03/21/16 15:00

Date Received: 03/22/16 09:00

Lab Sample ID: 180-53240-1

Matrix: Solid

Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9023			223599	03/29/16 08:02	LKG	TAL CAN
Total/NA	Analysis	9023		1	223653	03/29/16 09:06	LKG	TAL CAN
Total/NA	Analysis	9071B		1	171710	03/23/16 01:30	MTW	TAL PIT
Total/NA	Prep	9071B			171505	03/23/16 01:30	KLG	TAL PIT

Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

TestAmerica Pittsburgh

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Analyst References:

Lab: TAL CAN

Batch Type: Prep

LKG = Lucas Grossman

Batch Type: Analysis

LKG = Lucas Grossman

Lab: TAL PIT

Batch Type: Leach

JPM = Jeremy Merriman

Batch Type: Prep

ANA = Alexis Anderson

CBY = Charles Yushinski

EVR = Emilie Reichenbach

KLK = Kevin Geehring

Batch Type: Analysis

CLL = Cheryl Loheyde

EVR = Emilie Reichenbach

JLR = Jennifer Rumble

MTW = Michael Wesoloski

PJJ = Patrick Journet

RJR = Ron Rosenbaum

VVP = Vincent Piccolino



Action Limit Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53240-1
SDG: 77WAU

Client Sample ID: 1

Lab Sample ID: 180-53240-1

PIT - TCLP (Solid)

Analyte	Result	Qualifier	Unit	High Reg Limit	RL	Method	Prep Type
1,1-Dichloroethene	ND		mg/L	0.70000	0.20	8260B	TCLP
1,2-Dichloroethane	ND		mg/L	0.50000	0.20	8260B	TCLP
2-Butanone (MEK)	ND	F2	mg/L	200.00	0.20	8260B	TCLP
Benzene	ND		mg/L	0.50000	0.20	8260B	TCLP
Carbon tetrachloride	ND		mg/L	0.50000	0.20	8260B	TCLP
Chlorobenzene	ND		mg/L	100.00	0.20	8260B	TCLP
Chloroform	ND	F1	mg/L	6.0000	0.20	8260B	TCLP
Tetrachloroethene	ND		mg/L	0.70000	0.20	8260B	TCLP
Trichloroethene	ND		mg/L	0.50000	0.20	8260B	TCLP
Vinyl chloride	ND		mg/L	0.20000	0.20	8260B	TCLP
1,4-Dichlorobenzene	ND		mg/L	7.5000	0.20	8260B	TCLP
2,4,5-Trichlorophenol	ND		mg/L	400.00	0.050	8270C	TCLP
2,4,6-Trichlorophenol	ND		mg/L	2.0000	0.050	8270C	TCLP
2,4-Dinitrotoluene	ND		mg/L	0.13000	0.050	8270C	TCLP
2-Methylphenol	ND		mg/L	200.00	0.050	8270C	TCLP
Hexachlorobenzene	ND		mg/L	0.13000	0.050	8270C	TCLP
Hexachlorobutadiene	ND		mg/L	0.50000	0.050	8270C	TCLP
Hexachloroethane	ND		mg/L	3.0000	0.050	8270C	TCLP
Nitrobenzene	ND		mg/L	2.0000	0.050	8270C	TCLP
Pentachlorophenol	ND	*	mg/L	100.00	0.25	8270C	TCLP
Pyridine	ND		mg/L	5.0000	0.10	8270C	TCLP
Methylphenol, 3 & 4	ND		mg/L	200.00	0.050	8270C	TCLP
Arsenic	ND		mg/L	5.0000	0.50	6010B	TCLP
Barium	0.63	J B	mg/L	100.00	2.0	6010B	TCLP
Cadmium	ND		mg/L	1.0000	0.50	6010B	TCLP
Chromium	ND		mg/L	5.0000	0.50	6010B	TCLP
Lead	ND		mg/L	5.0000	0.50	6010B	TCLP
Selenium	ND		mg/L	1.0000	0.50	6010B	TCLP
Silver	ND		mg/L	5.0000	0.50	6010B	TCLP
Mercury	ND		mg/L	0.20000	0.00020	7470A	TCLP



SAMPLE CHAIN-OF-CUSTODY RECORD

COLLECTION INFORMATION

SAMPLE ID #	GENERATOR NAME & SAMPLING LOCATION	DATE	TIME	DESCRIPTION OF SAMPLE	NO. OF CONTAINERS & SIZE	SIGNATURE OF COLLECTOR
1	Safety-Kleen 2200 S West Ave Waukegan, IL 60087	3-21-2016	3:00	Soil	1-qt	MOB

Was sample kept chilled until relinquished for shipment to lab?

(Circle One)

YES

NO

If No, Explain:

ANALYSIS REQUEST (PLACE CHECKS BY TESTS REQUIRED)

<input checked="" type="checkbox"/> TCLP Volatiles (SPN 870807)	<input type="checkbox"/> Total Metals RCRA 8 (SPN 870806)	<input checked="" type="checkbox"/> Total Petroleum Hydrocarbons (TPH) (SPN 870817)
<input checked="" type="checkbox"/> TCLP Semivolatiles - Aq/solids (SPN 870808)	<input type="checkbox"/> Total Cyanide for D003 (SPN 870814)	<input checked="" type="checkbox"/> Total Organic Halogens (TOX) (SPN 870825)
<input checked="" type="checkbox"/> TCLP Semivolatiles - Organics (SPN 870809)	<input type="checkbox"/> Total Sulfide for D003 (SPN 870815)	<input type="checkbox"/> Gasoline Range Organics (GRO) (SPN 870828)
<input checked="" type="checkbox"/> TCLP RCRA Metals (SPN 870805)	<input type="checkbox"/> pH/Corrosivity for D002 (SPN 870812)	<input type="checkbox"/> Diesel Range Organics (DRO) (SPN 870829)
<input type="checkbox"/> TCLP Pesticides (SPN 870810)	<input type="checkbox"/> Paint Filter (SPN 870821)	
<input type="checkbox"/> TCLP Herbicides (SPN 870811)	<input type="checkbox"/> Specific Gravity/Bulk Density (SPN 870818)	
<input type="checkbox"/> Biochemical Oxygen Demand (BOD) (SPN 870826)	<input type="checkbox"/> PCBs (including wipes) (SPN 870820)	
<input type="checkbox"/> Chemical Oxygen Demand (COD) (SPN 870827)	<input type="checkbox"/> BTEX (SPN 870819)	
<input type="checkbox"/> Flashpoint/Ignitability for D001 (SPN 870813)	<input type="checkbox"/> Heat of Combustion (BTU) (SPN 870822)	
<input type="checkbox"/> Pensky Martins (Temp at Flash)	<input type="checkbox"/> % Water by Karl Fischer (SPN 870823)	
<input type="checkbox"/> SetaFlash (Screen @ <or > 140°F)	<input type="checkbox"/> Total Organic Carbon (TOC) (SPN 870824)	
	<input type="checkbox"/> Oil and Grease (HEM) (SPN 870816)	

Branch # 7020 WAUKELA

Branch Address 2200 S West Ave

Waukegan, IL 60087

Branch Fax # 262-549-3773

Sales Specialist Name Steve Bierack

Sales Specialist Phone # 262-613-0432

Email Address SBierack@Safety-Kleen.com

ADDITIONAL TESTING REQUIREMENTS: FLASH

SAMPLE TRANSFER RECORD

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
MOB	3-21-2016	3:00	[Signature]	3-21-16	9:00

LAB USE ONLY

TEMPERATURE WHEN RECEIVED 20 °C

SAMPLE KIT OPENED AND CHECKED IN BY

C.O.C. SEALS SIGNED, DATED, AND INTACT ON ALL SAMPLES JARS? YES

NO

IF NO, EXPLAIN:



180-53240 Chain of Custody

Draft SK Cust COC rev 10_08_07, 7/11/07

0989

ORIGIN ID: MIA (262) 408-4070
JON Y. JELLENBERG
SAFETY-KLEEN SYSTEMS INC
2200 S. WEST AVE

WALKESHA, WI 53189
UNITED STATES US

SHIP DATE: 21 MAR 16
ACT WGT: 8.00 LB
CAD: 100021297/NET: 3730
DIMS: 12x12x14 IN

BILL SENDER

TO DEBORAH BOWEN
TEST AMERICA
301 ALPHA DR.

PITTSBURGH PA 15238

(262) 408-4058

INV:
PO:

REF: S206577WALU

Uncorrected temp
Thermometer ID

20 °C

CF

Initials

PT-WI-SR-001 effective 7/26/13

1 of 2

TRK#
0201

7759 2605 0989

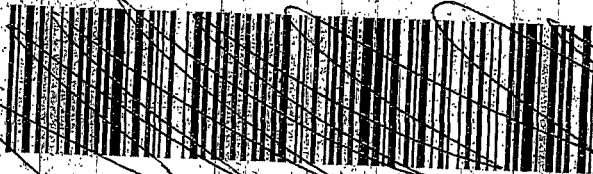
MASTER

NA AGCA

TUE - 22 MAR 10:30A
PRIORITY OVERNIGHT

15238
PIT

PA-US



77WALU
3020

RT 197
TZ 199
1 10:30
A 0989
03.22



301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

1.2/CO.7

Figure 1

TestAmerica

[illegible]

TestAmerica Canton Sample Receipt Form/Narrative		Login # <u>180-53240</u>	
Canton Facility _____			
Client <u>TA Pittsburgh</u>		Site Name <u>Safety Kleen</u>	
Cooler Received on _____		Opened on _____	
FedEx: 1 st Grd <input checked="" type="checkbox"/> UPS FAS Stetson		Client Drop Off TestAmerica Courier Other _____	
Receipt After-hours: Drop-off Date/Time _____		Storage Location _____	
TestAmerica Cooler # _____		Foam Box <input checked="" type="checkbox"/> Client Cooler Box Other _____	
Packing material used: Bubble Wrap Foam <input checked="" type="checkbox"/> Plastic Bag None Other _____			
COOLANT: <input checked="" type="checkbox"/> Wet Ice Blue Ice Dry Ice Water None			
1. Cooler temperature upon receipt <input type="checkbox"/> See Multiple Cooler Form			
IR GUN# 48 (CF -1.9 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C			
IR GUN# 36 (CF -1.5 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C			
IR GUN# 18 (CF -0.5 °C) Observed Cooler Temp. <u>1.2</u> °C Corrected Cooler Temp. <u>0.7</u> °C			
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		<input checked="" type="radio"/> Yes <input type="radio"/> No	
-Were custody seals on the outside of the cooler(s) signed & dated?		Yes <input type="radio"/> No <input checked="" type="radio"/> NA	
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?		Yes <input checked="" type="radio"/> No <input type="radio"/>	
3. Shippers' packing slip attached to the cooler(s)?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
4. Did custody papers accompany the sample(s)?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
5. Were the custody papers relinquished & signed in the appropriate place?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?		Yes <input checked="" type="radio"/> No <input type="radio"/>	
7. Did all bottles arrive in good condition (Unbroken)?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
8. Could all bottle labels be reconciled with the COC?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
9. Were correct bottle(s) used for the test(s) indicated?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
10. Sufficient quantity received to perform indicated analyses?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
11. Are these work share samples?		<input checked="" type="radio"/> Yes <input type="radio"/> No	
<i>If yes, Questions 12-16 have been checked at the originating laboratory.</i>			
12. Were sample(s) at the correct pH upon receipt?		Yes <input type="radio"/> No <input type="radio"/> NA <input type="radio"/> pH Strip Lot# <u>HC559158</u>	
13. Were VOAs on the COC?		Yes <input type="radio"/> No <input type="radio"/>	
14. Were air bubbles >6 mm in any VOA vials?		Yes <input type="radio"/> No <input type="radio"/> NA	
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____		Yes <input type="radio"/> No <input type="radio"/>	
16. Was a LL Hg or Me Hg trip blank present?		Yes <input type="radio"/> No <input type="radio"/>	
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____			
Concerning _____			

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES	Samples processed by: _____

18. SAMPLE CONDITION	
Sample(s) _____	were received after the recommended holding time had expired.
Sample(s) _____	were received in a broken container.
Sample(s) _____	were received with bubble >6 mm in diameter. (Notify PM)
19. SAMPLE PRESERVATION	
Sample(s) _____	were further preserved in the laboratory.
Time preserved: _____	Preservative(s) added/Lot number(s): _____

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 180-53240-1

SDG Number: 77WAU

Login Number: 53240

List Number: 1

Creator: Neri, Tom

List Source: TestAmerica Pittsburgh

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	
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.	True	
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 $<6\text{mm}$ ($1/4''$).	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Pittsburgh

301 Alpha Drive

RIDC Park

Pittsburgh, PA 15238

Tel: (412)963-7058

TestAmerica Job ID: 180-53237-1

TestAmerica Sample Delivery Group: 77WAU

Client Project/Site: SAFETY KLEEN, Safety-Kleen Customer

For:

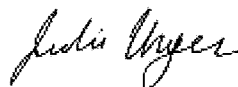
Safety-Kleen Systems, Inc

1502 East Villa Street

2nd Floor

Elgin, Illinois 60120

Attn: Rick Haskins



Authorized for release by:

3/29/2016 10:12:32 AM

Julie Unger, Project Management Assistant I

julie.unger@testamericainc.com

Designee for

Debra Bowen, Project Manager I

(412)963-2445

debra.bowen@testamericainc.com

LINKS

Review your project
results through

Total Access

Have a Question?



Visit us at:

www.testamericainc.com

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.

Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Certification Summary	4
Definitions	6
Sample Summary	7
Method Summary	8
Client Sample Results	9
Chronicle	11
Action Limits	13
Chain of Custody	14
Receipt Checklists	18



Case Narrative

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Job ID: 180-53237-1

Laboratory: TestAmerica Pittsburgh

Narrative

Job Narrative
180-53237-1

Receipt

The sample was received on 3/22/2016 9:00 AM; the sample arrived in good condition. The temperature of the cooler at receipt was 4.5° C.

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Method 6010B: The %RSD for several analytes in the second continuing calibration verification (CCV2) was greater than 5%, as per 6010B, but the subsequent CCV's throughout the run had passed for these analytes. Samples 2 (180-53237-1) and (180-53237-A-1-C SD ^) are reported as is with this narrative.

General Chemistry

Method 1664B: The reference method requires samples to be preserved to a pH of 2 or less or analyzed within 4 hours of the collection time. The following sample was received at the laboratory with a pH of greater than 2. The sample pH was adjusted correctly to a pH of <2.0 prior to the analysis: 2 (180-53237-1).

Method 1664B: Elevated reporting limits are provided for the following sample due to insufficient sample provided preparation/analysis: 2 (180-53237-1).

Method 9020B: The following samples was analyzed at a dilution due to particulates and strong odor: 2 (180-53237-1). Due to the matrix of the sample, analysis could not be performed at a lower dilution. Elevated reporting limits (RLs) are provided.

Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Laboratory: TestAmerica Pittsburgh

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0690	06-27-16
California	State Program	9	2891	03-31-16 *
Connecticut	State Program	1	PH-0688	09-30-16
Florida	NELAP	4	E871008	06-30-16
Illinois	NELAP	5	200005	06-30-16
Kansas	NELAP	7	E-10350	05-31-16
Louisiana	NELAP	6	04041	06-30-16
New Hampshire	NELAP	1	2030	04-04-16
New Jersey	NELAP	2	PA005	06-30-16
New York	NELAP	2	11182	03-31-16 *
North Carolina (WW/SW)	State Program	4	434	12-31-16
Pennsylvania	NELAP	3	02-00416	04-30-16
South Carolina	State Program	4	89014	04-30-16
Texas	NELAP	6	T104704528-15-2	03-31-16 *
USDA	Federal		P-Soil-01	05-23-16
Utah	NELAP	8	PA001462015-4	05-31-16
Virginia	NELAP	3	460189	09-14-16
West Virginia DEP	State Program	3	142	01-31-17
Wisconsin	State Program	5	998027800	08-31-16

Laboratory: TestAmerica Nashville

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	A2LA		NA: NELAP & A2LA	06-30-16
A2LA	ISO/IEC 17025		0453.07	03-31-16 *
Alaska (UST)	State Program	10	UST-087	07-24-16
Arizona	State Program	9	AZ0473	05-05-17
Arkansas DEQ	State Program	6	88-0737	04-25-16 *
California	State Program	9	2938	10-31-16
Connecticut	State Program	1	PH-0220	12-31-17
Florida	NELAP	4	E87358	06-30-16
Georgia	State Program	4	N/A	06-30-16
Illinois	NELAP	5	200010	12-09-16
Iowa	State Program	7	131	04-01-16 *
Kansas	NELAP	7	E-10229	05-31-16
Kentucky (UST)	State Program	4	19	06-30-16
Kentucky (WW)	State Program	4	90038	12-31-16
Louisiana	NELAP	6	30613	06-30-16
Maine	State Program	1	TN00032	11-03-17
Maryland	State Program	3	316	03-31-17
Massachusetts	State Program	1	M-TN032	06-30-16
Minnesota	NELAP	5	047-999-345	12-31-16
Mississippi	State Program	4	N/A	06-30-16
Montana (UST)	State Program	8	NA	02-24-20
Nevada	State Program	9	TN00032	07-31-16
New Hampshire	NELAP	1	2963	10-09-16
New Jersey	NELAP	2	TN965	06-30-16
New York	NELAP	2	11342	03-31-16 *
North Carolina (WW/SW)	State Program	4	387	12-31-16

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Certification Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Laboratory: TestAmerica Nashville (Continued)

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
North Dakota	State Program	8	R-146	06-30-16
Ohio VAP	State Program	5	CL0033	07-10-17
Oklahoma	State Program	6	9412	08-31-16
Oregon	NELAP	10	TN200001	04-27-16 *
Pennsylvania	NELAP	3	68-00585	06-30-16
Rhode Island	State Program	1	LAO00268	12-30-15 *
South Carolina	State Program	4	84009 (001)	02-28-16 *
South Carolina (Do Not Use - DW)	State Program	4	84009 (002)	12-16-17
Tennessee	State Program	4	2008	02-23-17
Texas	NELAP	6	T104704077	08-31-16
USDA	Federal		S-48469	10-30-16
Utah	NELAP	8	TN00032	07-31-16
Virginia	NELAP	3	460152	06-14-16
Washington	State Program	10	C789	07-19-16
West Virginia DEP	State Program	3	219	02-28-17
Wisconsin	State Program	5	998020430	08-31-16
Wyoming (UST)	A2LA	8	453.07	03-31-16 *

* Certification renewal pending - certification considered valid.

TestAmerica Pittsburgh

Definitions/Glossary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits

Metals

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.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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.

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
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)

Sample Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-53237-1	2	Water	03/18/16 15:00	03/22/16 09:00

Method Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PIT
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL PIT
6010B	Metals (ICP)	SW846	TAL PIT
7470A	Mercury (CVAA)	SW846	TAL PIT
1010A	Ignitability, Pensky-Martens Closed Cup Method	SW846	TAL PIT
1664B	HEM and SGT-HEM	1664B	TAL PIT
9020B	Organic Halides, Total (TOX)	SW846	TAL NSH
9040C	pH	SW846	TAL PIT
D5057-90	Specific Gravity and Bulk Density (Screening)	ASTM	TAL PIT

Protocol References:

1664B = 1664B

ASTM = ASTM International

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

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Client Sample ID: 2

Lab Sample ID: 180-53237-1

Date Collected: 03/18/16 15:00

Matrix: Water

Date Received: 03/22/16 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.20	0.043	mg/L			03/24/16 12:16	1
1,2-Dichloroethane	ND		0.20	0.038	mg/L			03/24/16 12:16	1
2-Butanone (MEK)	ND		0.20	0.043	mg/L			03/24/16 12:16	1
Benzene	ND		0.20	0.040	mg/L			03/24/16 12:16	1
Carbon tetrachloride	ND		0.20	0.043	mg/L			03/24/16 12:16	1
Chlorobenzene	ND		0.20	0.021	mg/L			03/24/16 12:16	1
Chloroform	ND		0.20	0.040	mg/L			03/24/16 12:16	1
Tetrachloroethene	ND		0.20	0.033	mg/L			03/24/16 12:16	1
Trichloroethene	ND		0.20	0.032	mg/L			03/24/16 12:16	1
Vinyl chloride	ND		0.20	0.052	mg/L			03/24/16 12:16	1
1,4-Dichlorobenzene	ND		0.20	0.021	mg/L			03/24/16 12:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		03/24/16 12:16	1
1,2-Dichloroethane-d4 (Surr)	91		62 - 123		03/24/16 12:16	1
4-Bromofluorobenzene (Surr)	94		75 - 120		03/24/16 12:16	1
Dibromofluoromethane (Surr)	91		80 - 120		03/24/16 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 15:40	1
2,4,6-Trichlorophenol	ND		0.050	0.011	mg/L		03/24/16 12:50	03/25/16 15:40	1
2,4-Dinitrotoluene	ND		0.050	0.010	mg/L		03/24/16 12:50	03/25/16 15:40	1
2-Methylphenol	ND		0.050	0.014	mg/L		03/24/16 12:50	03/25/16 15:40	1
Hexachlorobenzene	ND		0.050	0.011	mg/L		03/24/16 12:50	03/25/16 15:40	1
Hexachlorobutadiene	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 15:40	1
Hexachloroethane	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 15:40	1
Nitrobenzene	ND		0.050	0.013	mg/L		03/24/16 12:50	03/25/16 15:40	1
Pentachlorophenol	ND *		0.25	0.022	mg/L		03/24/16 12:50	03/25/16 15:40	1
Pyridine	ND		0.10	0.0083	mg/L		03/24/16 12:50	03/25/16 15:40	1
Methylphenol, 3 & 4	ND		0.050	0.027	mg/L		03/24/16 12:50	03/25/16 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	70		35 - 115	03/24/16 12:50	03/25/16 15:40	1
2-Fluorophenol	72		20 - 110	03/24/16 12:50	03/25/16 15:40	1
Nitrobenzene-d5	64		39 - 115	03/24/16 12:50	03/25/16 15:40	1
Phenol-d5	72		30 - 118	03/24/16 12:50	03/25/16 15:40	1
Terphenyl-d14	91		30 - 143	03/24/16 12:50	03/25/16 15:40	1
2,4,6-Tribromophenol	79		19 - 138	03/24/16 12:50	03/25/16 15:40	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.10	0.037	mg/L		03/24/16 11:02	03/25/16 12:23	1
Barium	0.065	J B	2.0	0.0014	mg/L		03/24/16 11:02	03/25/16 12:23	1
Cadmium	ND		0.050	0.0026	mg/L		03/24/16 11:02	03/25/16 12:23	1
Chromium	ND		0.050	0.0097	mg/L		03/24/16 11:02	03/25/16 12:23	1
Lead	ND		0.10	0.021	mg/L		03/24/16 11:02	03/25/16 12:23	1
Selenium	0.034	J B	0.10	0.025	mg/L		03/24/16 11:02	03/25/16 12:23	1
Silver	ND		0.050	0.0069	mg/L		03/24/16 11:02	03/25/16 12:23	1

TestAmerica Pittsburgh

Client Sample Results

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Client Sample ID: 2

Lab Sample ID: 180-53237-1

Date Collected: 03/18/16 15:00

Matrix: Water

Date Received: 03/22/16 09:00

Method: 7470A - Mercury (CVAA) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00052	mg/L	-	03/24/16 12:36	03/25/16 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	> 200		1.00	1.00	Degrees F	-		03/28/16 09:30	1
HEM (Oil & Grease)	280	B	100	25	mg/L		03/28/16 09:00	03/28/16 09:00	1
TPH	68	J	100	15	mg/L		03/28/16 09:00	03/28/16 09:00	1
Halogens, Total Organic	ND		0.60	0.20	mg/L			03/25/16 08:42	20
TOX Result 1	ND		0.60	0.20	mg/L			03/25/16 08:42	20
TOX Result 2	ND		0.60	0.20	mg/L			03/25/16 08:42	20
pH	7.50	HF	0.100	0.100	SU			03/25/16 15:22	1
Specific Gravity	1.0		0.010	0.010	No Unit			03/25/16 13:27	1

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Client Sample ID: 2

Date Collected: 03/18/16 15:00

Date Received: 03/22/16 09:00

Lab Sample ID: 180-53237-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			171589	03/23/16 11:52	JPM	TAL PIT
TCLP	Analysis	8260B		1	171628	03/24/16 12:16	KLK	TAL PIT
TCLP	Leach	1311			171588	03/23/16 11:50	JPM	TAL PIT
TCLP	Prep	3510C			171732	03/24/16 12:50	CBY	TAL PIT
TCLP	Analysis	8270C		1	171771	03/25/16 15:40	VVP	TAL PIT
TCLP	Leach	1311			171588	03/23/16 11:50	JPM	TAL PIT
TCLP	Prep	3010A			171698	03/24/16 11:02	ANA	TAL PIT
TCLP	Analysis	6010B		1	171894	03/25/16 12:23	RJR	TAL PIT
TCLP	Leach	1311			171588	03/23/16 11:50	JPM	TAL PIT
TCLP	Prep	7470A			171721	03/24/16 12:36	EVR	TAL PIT
TCLP	Analysis	7470A		1	171849	03/25/16 13:00	EVR	TAL PIT
Total/NA	Analysis	1010A		1	171983	03/28/16 09:30	JWS	TAL PIT
Total/NA	Analysis	1664B		1	171978	03/28/16 09:00	MTW	TAL PIT
Total/NA	Prep	1664B			171949	03/28/16 09:00	MTW	TAL PIT
Total/NA	Analysis	9020B		20	326556	03/25/16 08:42	RN	TAL NSH
Total/NA	Analysis	9040C		1	171812	03/25/16 15:22	JAS	TAL PIT
Total/NA	Analysis	D5057-90		1	171847	03/25/16 13:27	CAK	TAL PIT

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Analyst References:

Lab: TAL NSH

Batch Type: Analysis
RN = Ryan Nowak

Lab: TAL PIT

Batch Type: Leach
JPM = Jeremy Merriman

Batch Type: Prep
ANA = Alexis Anderson
CBY = Charles Yushinski
EVR = Emilie Reichenbach
MTW = Michael Wesoloski

Batch Type: Analysis
CAK = Chuck Kieda
EVR = Emilie Reichenbach
JAS = Joshua Schmidt
JWS = Jim Swanson
KLG = Kathy Gordon
MTW = Michael Wesoloski
RJR = Ron Rosenbaum
VVP = Vincent Piccolino



Action Limit Summary

Client: Safety-Kleen Systems, Inc
Project/Site: SAFETY KLEEN, Safety-Kleen Customer

TestAmerica Job ID: 180-53237-1
SDG: 77WAU

Client Sample ID: 2

Lab Sample ID: 180-53237-1

PIT - TCLP (Aqueous)

Analyte	Result	Qualifier	Unit	High Reg Limit	RL	Method	Prep Type
1,1-Dichloroethene	ND		mg/L	0.70000	0.20	8260B	TCLP
1,2-Dichloroethane	ND		mg/L	0.50000	0.20	8260B	TCLP
2-Butanone (MEK)	ND		mg/L	200.00	0.20	8260B	TCLP
Benzene	ND		mg/L	0.50000	0.20	8260B	TCLP
Carbon tetrachloride	ND		mg/L	0.50000	0.20	8260B	TCLP
Chlorobenzene	ND		mg/L	100.00	0.20	8260B	TCLP
Chloroform	ND		mg/L	6.0000	0.20	8260B	TCLP
Tetrachloroethene	ND		mg/L	0.70000	0.20	8260B	TCLP
Trichloroethene	ND		mg/L	0.50000	0.20	8260B	TCLP
Vinyl chloride	ND		mg/L	0.20000	0.20	8260B	TCLP
1,4-Dichlorobenzene	ND		mg/L	7.5000	0.20	8260B	TCLP
2,4,5-Trichlorophenol	ND		mg/L	400.00	0.050	8270C	TCLP
2,4,6-Trichlorophenol	ND		mg/L	2.0000	0.050	8270C	TCLP
2,4-Dinitrotoluene	ND		mg/L	0.13000	0.050	8270C	TCLP
2-Methylphenol	ND		mg/L	200.00	0.050	8270C	TCLP
Hexachlorobenzene	ND		mg/L	0.13000	0.050	8270C	TCLP
Hexachlorobutadiene	ND		mg/L	0.50000	0.050	8270C	TCLP
Hexachloroethane	ND		mg/L	3.0000	0.050	8270C	TCLP
Nitrobenzene	ND		mg/L	2.0000	0.050	8270C	TCLP
Pentachlorophenol	ND *		mg/L	100.00	0.25	8270C	TCLP
Pyridine	ND		mg/L	5.0000	0.10	8270C	TCLP
Methylphenol, 3 & 4	ND		mg/L	200.00	0.050	8270C	TCLP
Arsenic	ND		mg/L	5.0000	0.10	6010B	TCLP
Barium	0.065	J B	mg/L	100.00	2.0	6010B	TCLP
Cadmium	ND		mg/L	1.0000	0.050	6010B	TCLP
Chromium	ND		mg/L	5.0000	0.050	6010B	TCLP
Lead	ND		mg/L	5.0000	0.10	6010B	TCLP
Selenium	0.034	J B	mg/L	1.0000	0.10	6010B	TCLP
Silver	ND		mg/L	5.0000	0.050	6010B	TCLP
Mercury	ND		mg/L	0.20000	0.0020	7470A	TCLP



SAMPLE CHAIN-OF-CUSTODY RECORD

COLLECTION INFORMATION

SAMPLE ID #	GENERATOR NAME & LOCATION	SAMPLING DATE	TIME	DESCRIPTION OF SAMPLE	NO. OF CONTAINERS & SIZE	SIGNATURE OF COLLECTOR
2	SAFETY-KLEEN 2200 S Wacker Ave Waukegan IL 53182	3-21-2016	3:00	GROUND WATER	10+	[Signature]
Was sample kept chilled until relinquished for shipment to lab?				(Circle One) YES NO		

If No, Explain:

ANALYSIS REQUEST (PLACE CHECKS BY TESTS REQUIRED)

<input checked="" type="checkbox"/> TCLP Volatiles (SPN 870807)	<input type="checkbox"/> Total Metals RCRA 8 (SPN 870806)	<input checked="" type="checkbox"/> Total Petroleum Hydrocarbons (TPH) (SPN 870817)
<input type="checkbox"/> TCLP Semivolatiles - Aq/solids (SPN 870808)	<input type="checkbox"/> Total Cyanide for D003 (SPN 870814)	<input checked="" type="checkbox"/> Total Organic Halogens (TOX) (SPN 870825)
<input checked="" type="checkbox"/> TCLP Semivolatiles - Organics (SPN 870809)	<input type="checkbox"/> Total Sulfide for D003 (SPN 870815)	<input type="checkbox"/> Gasoline Range Organics (GRO) (SPN 870828)
<input checked="" type="checkbox"/> TCLP RCRA Metals (SPN 870805)	<input checked="" type="checkbox"/> pH/Corrosivity for D002 (SPN 870812)	<input type="checkbox"/> Diesel Range Organics (DRO) (SPN 870829)
<input type="checkbox"/> TCLP Pesticides (SPN 870810)	<input type="checkbox"/> Paint Filter (SPN 870821)	
<input type="checkbox"/> TCLP Herbicides (SPN 870811)	<input checked="" type="checkbox"/> Specific Gravity/Bulk Density (SPN 870818)	
<input type="checkbox"/> Biochemical Oxygen Demand (BOD) (SPN 870826)	<input type="checkbox"/> PCBs (including wipes) (SPN 870820)	
<input type="checkbox"/> Chemical Oxygen Demand (COD) (SPN 870827)	<input type="checkbox"/> BTEX (SPN 870819)	
	<input type="checkbox"/> Heat of Combustion (BTU) (SPN 870822)	
Flashpoint/Ignitability for D001 (SPN 870813)	<input type="checkbox"/> % Water by Karl Fischer (SPN 870823)	
<input type="checkbox"/> Pensky Martins (Temp at Flash)	<input type="checkbox"/> Total Organic Carbon (TOC) (SPN 870824)	
<input type="checkbox"/> SetaFlash (Screen @ <or > 140°F)	<input type="checkbox"/> Oil and Grease (HEM) (SPN 870816)	

ADDITIONAL TESTING REQUIREMENTS: Flash

SAMPLE TRANSFER RECORD

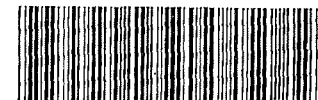
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[Signature]	3-21-2016	3:00	[Signature]	3/22/16	09:00

LAB USE ONLY

TEMPERATURE WHEN RECEIVED 45 °C

SAMPLE KIT OPENED AND CHECKED IN BY TN AT 09:00 ON 3/22/16

C.O.C. SEALS SIGNED, DATED, AND INTACT ON ALL SAMPLES JARS? YES ☒ NO ☐ IF NO, EXPLAIN:



180-53237 Chain of Custody

Page 2 of 2

ORIGIN ID: ZMLA (262) 408-4070
TONY ULLENBERG
SAFETY-KLEEN SYSTEMS INC
2200 S. WEST AVE

WAUKESHA, WI 53189
UNITED STATES US

SHIP DATE: 21 MAR 16
ACTWGT: 8.00 LB
CAD: 100021297/NET3730
DIMS: 12x12x14 IN

BILL SENDER

TO DEBORAH BOWEN
TEST AMERICA
301 ALPHA DR.

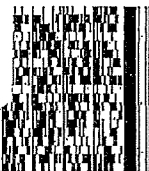
PITTSBURGH PA 15238

(262) 408-4058

REF: S206577WAW



180-53237 Waybill



540J10F34727F

4161624404ur

2 of 2

MPS# 7759 2605 1091

Mstr# 7759 2605 0989

0201

TUE - 22 MAR 10:30A
PRIORITY OVERNIGHT

NA ACCA

15238
PIT

Uncorrected temp
Thermometer ID

4.5 °C

CF C Initials AB

PT-WI-SR-001 effective 7/26/13

COOLER RECEIPT FORM



180-53237 Chain of Custody

Cooler Received/Opened On 3/24/2016 @ 1000

Time Samples Removed From Cooler _____ Time Samples Placed In Storage _____ (2 Hour Window)

1. Tracking # 0740 (last 4 digits, FedEx) Courier: FedEx

IR Gun ID 96210146 pH Strip Lot HC568401 Chlorine Strip Lot 112514D

2. Temperature of rep. sample or temp blank when opened: 3.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? .

YES...NO...NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly?

YES...NO...NA

6. Were custody papers inside cooler?

YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) TC

7. Were custody seals on containers:

YES

NO

and Intact

YES...NO...NA

Were these signed and dated correctly?

YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:

Ice

Ice-pack

Ice (direct contact)

Dry ice

Other

None

10. Did all containers arrive in good condition (unbroken)?

YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?

YES...NO...NA

12. Did all container labels and tags agree with custody papers?

YES...NO...NA

13a. Were VOA vials received?

YES...NO...NA

b. Was there any observable headspace present in any VOA vial?

YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1A

I certify that I unloaded the cooler and answered questions 7-14 (initial) EA

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used

YES...NO...NA

16. Was residual chlorine present?

YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) EA

17. Were custody papers properly filled out (ink, signed, etc)?

YES...NO...NA

18. Did you sign the custody papers in the appropriate place?

YES...NO...NA

19. Were correct containers used for the analysis requested?

YES...NO...NA

20. Was sufficient amount of sample sent in each container?

YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) EA

I certify that I attached a label with the unique LIMS number to each container (initial) EA

21. Were there Non-Conformance issues at login? YES...NO... Was a NCM generated? YES...NO...# _____

301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone (412) 963-7058 Fax (412) 963-2468

Loc: 180

53237



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

[illegible]

3/29/2016

Page 17 of 19

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 180-53237-1

SDG Number: 77WAU

Login Number: 53237

List Source: TestAmerica Pittsburgh

List Number: 1

Creator: Neri, Tom

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	
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.	True	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Safety-Kleen Systems, Inc

Job Number: 180-53237-1

SDG Number: 77WAU

Login Number: 53237

List Number: 2

Creator: Abernathy, Eric

List Source: TestAmerica Nashville

List Creation: 03/24/16 11:21 AM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
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	
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.	True	
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.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

12