WASTE MANAGEMENT

CWM CHEMICAL SERVICES, LLC
1550 Balmer Road
Model City, NY 14107
716 286 1550
716 286 0211 Fax

January 8, 2014

Mr. Alfred Carlacci, P.E.
New York State Department of
Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, New York 14203-2915

Re: Air State Facility Permit Application

Dear Mr. Weiss:

Attached please find two hard copies of an Air State Facility Permit as requested by the New York State Department of Environmental Conservation (NYSDEC), prepared by Conestoga-Rovers & Associates, Inc. (CRA). Due to the changes to 6NYCRR Part 201 that became effective on February 22, 2013, the NYSDEC determined that an Air State Facility permit is required for the CWM Chemical Services, LLC. (CWM), Model City Facility as stated in a letter dated March 11, 2013.

Please call Mr. Jonathan Rizzo at (716) 286-0354 or myself at (716) 286-0246 if you have any questions or comments.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Sincerely,
CWM CHEMICAL SERVICES, LLC

Jill A. Banaszak
Technical Manager
Model City Facility

JPR/JAB/jpr
Attachment

cc:	D. Denk	- NYSDEC/Region 9	W/O Attachment
	D. Weiss	- NYSDEC/Region 9	W/O Attachment
	B. Rostami	- NYSDEC/Region 9	W/O Attachment
	On-site Monitors	- NYSDEC/Model City	W/O Attachment
	C. Laport	- NYSDEC/Region 9	W/O Attachment
	A. Zylinski	- NYSDEC/Region 9	W/O Attachment
	M. Cruden	- NYSDEC/Albany, NY	W/O Attachment
	M. Mortefolio	- NYSDEC/Albany, NY	W/O Attachment
	J. Brogard	- USEPA/Region II	- W/O Attachment
	P. Flax	- USEPA/Region II	- W/O Attachment
	N. Azzam	- USEPA/Region II	- W/O Attachment
	J. Devald	- NCHD/Lockport, NY	W/O Attachment
	M. Mahar	- CWM/Model City, NY	W/O Attachment
	J. Rizzo	- CWM/Model City, NY	W/ Attachment
	EMD Subject File		
	Q & A		

CONESTOGA-ROVERS & ASSOCIATES

www.CRAworld.com



AIR STATE FACILITY PERMIT APPLICATION

CWM MODEL CITY FACILITY
1550 BALMER ROAD
MODEL CITY, NY 14107

Prepared for: CWM Chemical Services

Conestoga-Rovers & Associates
2055 Niagara Falls Boulevard, Suite #3
Niagara Falls, New York 14304

January 2014 • 080335 • Report No. 2

Partners in Sustainability

TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1
1.1 PERMIT HISTORY 1
1.2 FACILITY INFORMATION 2

2.0 SUMMARY OF EMISSIONS 3
2.1 EMISSION UNIT DESCRIPTIONS 3
2.2 EXEMPT & TRIVIAL ACTIVITIES 3
2.3 SUMMARY OF EMISSION INVENTORY 4

3.0 DISCUSSION OF FEDERAL REGULATORY REQUIREMENTS 5
3.1 APPLICABILITY OF ENGINE TO 40 CFR PART 63, SUBPART ZZZZ 5
3.2 APPLICABILITY OF BOILERS TO 40 CFR PART 63, SUBPART JJJJJJ 10

4.0 PROPOSED PERMIT CONDITIONS 12

LIST OF FIGURES

FIGURE 1 FACILITY LAYOUT

LIST OF APPENDICES

APPENDIX A UPDATED EMISSIONS INVENTORY

APPENDIX B AIR STATE FACILITY PERMIT APPLICATION FORMS

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) has been retained by CWM Chemical Services, LLC (CWM) to prepare an Air State Facility Permit Application (Application) for the CWM facility (Facility or Site) located in Model City, New York. The Application has been prepared as a result of the recent changes to 6 NYCRR Part 201. Table 1 of 6 NYCRR Part 201-9 presents the new 'Significant Mass Emission Rates for Persistent, Bioaccumulative and Toxic Compounds' and took effect on February 22, 2013. Any facility that has total emissions greater than the thresholds listed in the table for any compound must apply for an Air State Facility Permit or a Title V Permit.

CRA has prepared an Emission Inventory (Inventory) for CWM based on a review of all emission sources and Site operations at the Facility. Based on the Inventory, the Facility exceeds the thresholds for the following compounds listed in 6 NYCRR Part 201-9:

Compound	*Value*	*6 NYCRR 201-9 Threshold*
	(lb/yr)	(lb/yr)
Pesticides	0.2	0
PCBs	14.0	0.1
Polycyclic Organic Matter (POM)	2.1 [1]	1

Note: POM – Organic compounds with more than one benzene ring and a boiling point of >100^{o} C, generally includes PAHs, such as naphthalene, anthracene and phenanthrene.

Therefore, the CWM Facility must apply for an Air State Facility Permit as described under 6 NYCRR 201-4.1.

1.1 PERMIT HISTORY

Based on the previous quantification of air emissions from the facility, in accordance with the guidance and regulations presented in 6 NYCRR Part 201, of the New York Code of Rules and Regulations (NYCRR), the facility had not historically qualified as a potential Title V or Air State Facility source. Therefore, emissions from sources not identified as Exempt or Trivial under 6 NYCRR Part 201-3, had been previously permitted with the New York State Department of Environmental Conservation (NYSDEC) Division of Air Resources in accordance with 6 NYCRR Part 201-4 (Minor Facility Registrations).

CRA representatives conducted a thorough review of CWM facility operations and existing permit documentation in order to ascertain the level of air permitting required for the CWM Facility going forward. Based on this review, CRA has determined that an Air State Facility Permit Application is required for the Facility.

1.2 FACILITY INFORMATION

The CWM Chemical Services, LLC (CWM), Model City Facility is located within the Erie-Niagara Region in the western section of New York State. The facility is situated on the boundary between the Towns of Lewiston and Porter in Niagara County. All hazardous waste management units are located within the Town of Porter. The facility's operations are authorized by a RCRA hazardous waste permit issued by NYSDEC and a TSCA (PCB) Approval issued by USEPA. The facility uses a number of processes for the proper storage, treatment and disposal of a variety of liquid and solid organic and inorganic hazardous waste and industrial non-hazardous waste. Storage, treatment and disposal capabilities include an aqueous waste treatment system, which includes phase separation, oxidation/reduction, neutralization, solids precipitation and filtration, biological treatment and carbon filtration. The treated effluent is stored in a facultative (fac) pond, qualified and discharged pursuant to the facility's State Pollutant Discharge Elimination System (SPDES) Permit. Other operations include waste stabilization; secure landfilling of approved solid waste, including PCBs; solvent and fuel blending processes; RCRA and TSCA container storage and transfer; landfill leachate collection, storage and treatment. As a RCRA permitted TSDF, CWM is subject to the hazardous waste regulations in 6 NYCRR Parts 370-376. This includes several regulations focused on minimizing the release of hazardous waste contaminants to the air: 373-2.28, Air Emission Standards for Equipment Leaks, and 373-2.29, Air Emission Standards for Tanks, Containers and Surface Impoundments. Figure 1 presents a layout of the CWM Facility.

The following summarizes the closed and active landfill units at the Facility:

Landfill Area	*Status*
SLF 1-6	Closed
SLF 7	Closed
SLF 10	Closed
SLF 11	Closed
SLF 12	Closed
RMU-1	Active

2.0 SUMMARY OF EMISSIONS

2.1 EMISSION UNIT DESCRIPTIONS

The CWM Facility consists of six emission units as follows:

Emission Unit	*Process*	*Source/Control*	*Description*
1-LANDF	FUG	RMU01	RMU-1 Landfill (S)
1-LEACH	LE1	SPIP1	Standpipes for SLF1-6, SLF-7, SLF-10 & SLF-11 Areas (S)
		LTNK1	Leachate Storage Tanks With Carbon Canisters (S)
		CARB1	Carbon Canisters for Leachate Tanks (C)
2-LEACH	LE2	SPIP2	Standpipes for SLF12 & RMU-1 Areas (S)
		LTNK2	Leachate Storage Tanks Without Carbon Canisters (S)
1-STABL	STB	STBTK	Stabilization Facility Tanks (S)
		BGH01	Baghouse #1 (C)
		BGH02	Baghouse #2 (C)
1-AQWTP	TRE	BIOTW	Biotowers (S)
		AQTNK	Aqueous Water Treatment Plant Tanks (S)
		CARB2	Carbon Canisters for AQWTP (C)
		SCRUB	Caustic Scrubber (C)
		PONDS	Facultative Ponds (S)
		FLTPR	Filter Press (S)
1-BOILR	HTR	BOILR	14.7 MMBtu/hr Fuel Oil Boiler (S)

S = Emission Source C = Control Device

2.2 EXEMPT & TRIVIAL ACTIVITIES

Several activities/operations at the CWM facility and pursuant to 6 NYCRR Section 201.3-2(c) are considered to be exempt from permitting. These activities are:

i) Stationary or portable combustion installations with a maximum rated heat input capacity less than 10 million Btu/hr burning fuels other than coal or wood (paragraph 1, subparagraph i)

ii) Diesel generators rated < 400 HP (paragraph 3, subparagraph ii)

iii) Distillate fuel oil, residual fuel oil, and liquid asphalt storage tanks with storage capacities below 300,000 barrels (paragraph 21)

iv) Pressurized fixed roof tanks which are capable of maintaining a working pressure at all times to prevent emissions of volatile organic compound to the outdoor atmosphere (paragraph 22)

v) Storage tanks with capacities under 10,000 gallons (paragraph 25)

vi) Storage silos storing solid materials, provided all such silos are exhausted through an appropriate emission control device (paragraph 27)

vii) Cold cleaning degreasers with an open surface area of 11 square feet or less and an internal volume of 93 gallons or less or, having an organic solvent loss of 3 gallons per day or less (paragraph 39, subparagraph i)

viii) Ventilating and exhaust systems for laboratory operations. Laboratory operations do not include processes having a primary purpose to produce commercial quantities of materials (paragraph 40)

In addition, the following activities occurring at the Site are considered to be trivial pursuant to 6 NYCRR Section 201-3.3(c):

i) Exhaust systems for the storage of portable containers, drums, and bags of chemicals in rooms, buildings and warehouses (paragraph 5)

ii) Storage vessels, tanks and containers with a capacity of less than 750 gallons (paragraph 44)

iii) Transportable chemical containers including rail cars, portable tanks, totes and trailers (paragraph 67)

iv) The venting of compressed natural gas, butane or propane gas cylinders (paragraph 79)

Table 1 of the Updated Emissions Inventory (provided in Appendix A) delineates the sources at the Facility that are considered trivial or exempt.

2.3 SUMMARY OF EMISSION INVENTORY

Based on a thorough review of information provided by CWM and on recent testing performed at the Site, CRA has compiled an Emission Inventory for the Facility, which is provided in Appendix A.

3.0 DISCUSSION OF FEDERAL REGULATORY REQUIREMENTS

This section provides a discussion of the applicable federal regulatory requirements under the Clean Air Act (CAA) for the facility.

3.1 APPLICABILITY OF ENGINE TO 40 CFR PART 63, SUBPART ZZZZ

The Facility operates the following stationary emergency diesel engines:

- One Cummins Diesel Fire-Water Pump (rated at 187 brake horsepower (bhp))

The following requirements from 40 CFR Part 63, Subpart ZZZZ apply to the engine listed above since it was constructed prior to June 12, 2006 (referenced from Table 2D of 40 CFR 63.6603):

Emergency stationary CI RICE and black start stationary CI RICE[2]	a. Change oil and filter every 500 hours of operation or annually, whichever comes first[1]
	b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary
	c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary

[1] Sources have the option to utilize an oil analysis program as described in § 63.6625(i) in order to extend the specified oil change requirement in Table 2d of this subpart.

[2] If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements on the schedule required in Table 2d of this subpart, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under federal, state, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under federal, state, or local law has abated. The management practice should be performed as soon as practicable.

Beginning January 1, 2015, existing emergency CI stationary RICE with a Site rating of more than 100 brake HP and a displacement of less than 30 liters per cylinder that uses diesel fuel and operates or is contractually obligated to be available for more than 15 hours per calendar year for

the purposes specified in § 63.6640(f)(2)(ii) and (iii) or that operates for the purpose specified in § 63.6640(f)(4)(ii) must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for non-road diesel fuel, except that any existing diesel fuel purchased (or otherwise obtained) prior to January 1, 2015, may be used until depleted.

According to 40 CFR 63.6625(e), the Facility is required to operate the emergency gensets according to the manufacturer's emission-related written instructions or develop a maintenance plan which provides to the extent practicable procedures for maintaining and operating the engines in a manner consistent with good air pollution control practices for minimizing emissions.

According to 40 CFR 63.6625(f), the Facility must install a non-resettable hour meter on the engines (if one is not already installed).[1]

According to 40 CFR 63.6625(h), the Facility is required to minimize the engine's time spent at idle during startup and minimize the engine' startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which the emission standards applicable to all times other than startup in Tables 1a, 2a, 2c, and 2d to 40 CFR Part 63, Subpart ZZZZ apply.

According to 40 CFR 63.6625(i), the Facility has the option of utilizing an oil analysis program in order to extend the specified oil change requirement. The oil analysis program must be performed at the same frequency specified for changing the oil. The oil analysis program must at minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows:

- Total Base Number is less than 30 percent of the Total Base Number when new
- Viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new
- Percent water content (by volume) is greater than 0.5

If all of these condemning limits are not exceeded, the Facility is not required to change the oil. If any of the limits are exceeded, the Facility must change the oil within two days or before commencing operation, whichever is later. The Facility must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engines.

[1] The Fire water pump at CWM has a non-resettable hour meter.

The following requirements also apply to emergency diesel gensets that operate at an area source of HAPs:

(1) If you own or operate emergency stationary RICE, you must operate the emergency stationary RICE according to the requirements in paragraphs (f)(1) through (4) of this section. In order for the engine to be considered an emergency stationary RICE under this subpart, any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (f)(1) through (4) of this section, is prohibited. If you do not operate the engine according to the requirements in paragraphs (f)(1) through (4) of this section, the engine will not be considered an emergency engine under this subpart and must meet all requirements for non-emergency engines.

(2) There is no time limit on the use of emergency stationary RICE in emergency situations.

(3) You may operate your emergency stationary RICE for any combination of the purposes specified in paragraphs (f)(2)(i) through (iii) of this section for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed by paragraphs (f)(3) and (4) of this section counts as part of the 100 hours per calendar year allowed by this paragraph (f)(2).

(4) Emergency stationary RICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency RICE beyond 100 hours per calendar year.

(5) Emergency stationary RICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 63.14), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.

(6) Emergency stationary RICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.

(7) Emergency stationary RICE located at major sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(8) Emergency stationary RICE located at area sources of HAP may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph (f)(2) of this section. Except as provided in paragraphs (f)(4)(i) and (ii) of this section, the 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

(9) Prior to May 3, 2014, the 50 hours per year for non-emergency situations can be used for peak shaving or non-emergency demand response to generate income for a facility, or to otherwise supply power as part of a financial arrangement with another entity if the engine is operated as part of a peak shaving (load management program) with the local distribution system operator and the power is provided only to the facility itself or to support the local distribution system.

(10) The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:

(a) The engine is dispatched by the local balancing authority or local transmission and distribution system operator.

(b) The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.

(c) The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.

(d) The power is provided only to the facility itself or to support the local transmission and distribution system.
(e) The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

The following records for these gensets will be maintained at the Site:

- Occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- Records of all required maintenance performed on the air pollution control and monitoring equipment.
- Records of actions taken during periods of malfunctions to minimize emissions in accordance with 40 CFR 63.6605(b), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- Maintenance plan or manufacturer's emission related written instructions
- Records of maintenance conducted on the engines in order to demonstrate that the engine was operated and maintained in accordance with the maintenance plan.
- Records of hours of operation of the engine that is recorded through the non-resettable hour meter. The Facility will document how many hours are spent for emergency operation including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the Facility will keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.

The following compliance deadlines are applicable for the stationary diesel engine:

- The stationary emergency diesel fire pump must be in compliance with the aforementioned requirements by May 3, 2013. CWM has scheduled annual oil and filter change and inspection of air cleaner, hoses and belts. CWM monitors hours of operation and these maintenance activities will be performed sooner if required.

The stationary emergency diesel fire pump is not subject to 40 CFR Part 60, Subpart IIII since it was constructed prior to June 12, 2006. If, however, a new or reconstructed diesel engine is operated on Site, this applicability determination will be re-viSited.

3.2 APPLICABILITY OF BOILERS TO 40 CFR PART 63, SUBPART JJJJJJ

For area sources of hazardous air pollutants (HAPs) (total HAPs < 25 tons per year (TPY) and all individual speciated HAPs < 10 TPY), the rule given under 40 CFR Part 63, Subpart JJJJJJ (the "rule") applies to coal-fired, oil-fired and biomass-fired boilers, but not to boilers that burn only gaseous fuels or any solid waste. The rule specifies all existing boilers as those that are constructed prior to June 4, 2010 and new boilers as those that are constructed after June 4, 2010. The rule also classifies large boilers as those with a heat input greater than 10 MMBTU/ hr and small boilers as those with a heat input less than 10 MMBTU/hr.

For existing boilers at area sources, the final rule requires the following:

- Oil-fired boilers are not required to meet emission limits. They are required to meet a work practice standard or a management practice by performing a boiler tune-up every two years (or every five years if the boiler is defined as one of the following: seasonal use unit, limited use unit, oil-fired units with heat input capacity equal to or less than 5 MMBtu/hr and units with oxygen trim systems).
- All area source facilities with large boilers are required to conduct an energy assessment to identify cost-effective energy conservation measures (provided the boiler does not meet the definition of a limited use boiler).

Therefore, the following boilers at the Facility will require a tune-up:

- 5.23 MMBTU/hr oil-fired boiler (Cleaver Brooks Model CB.101-125 (Boiler Room)
- 14.7 MMBTU/hr oil-fired boiler (North American Model 7410 (Boiler Room))
- 0.101 MMBTU/hr oil-fired boiler (Fulton Model CB-030 (AWTS))

In addition, an energy assessment is required since the 14.7 MMBTU/hr oil-fired boiler is considered a "large boiler."

The following specifies the important compliance dates/milestones:

- The initial notification form must be filled out and submitted no later than January 20, 2014
- The initial tune-up for each applicable boiler must be performed no later than March 21, 2014
- The initial Notification of Compliance Status form must be completed and submitted no later than July 19, 2014
- Subsequent tune-ups must be conducted every 2 years thereafter (or five years if applicable) and the information to document this is maintained on Site
- Notification of Compliance Status for the energy assessment must be completed and submitted no later than July 19, 2014

4.0 PROPOSED PERMIT CONDITIONS

At the request of NYSDEC, the following Conditions are proposed for the Air State Facility Permit:

Emission Unit: 1-LANDF, Process: FUG

Proposed Condition: The facility must employ the best management practices specified in the facility's FUGITIVE DUST CONTROL PLAN to control dust during landfill operations and on the facility roadways. This plan is an attachment to the facility's Site-wide RCRA Operating Permit.

Also, the Part 373 Permit contains a requirement for the application of Daily Cover on bulk waste placed in the active landfill. Posi-Shell fulfills the requirement for daily cover.

Emission Unit: 1-LEACH, Process LE1

Proposed Condition: Equipment including pumps, valves, and flanges in contact with hazardous waste containing more than 10 percent organics is subject to 6 NYCRR 373-2.28 Air Emission Standards for Equipment Leaks. The facility will perform monitoring and corrective actions as specified in this regulation, which is referenced in the facility's RCRA Permit. Tanks containing hazardous waste (as listed in facility's RCRA Permit) with >500 ppm VOCs, such as Site generated old landfill leachate, are subject to 6 NYCRR 373-2.29 Air Emission Standards for Tanks, Containers and Surface Impoundments. As required by this regulation, tanks determined to be Level 1 will either be closed with no cracks, gaps or openings or if they are vented, a control device such as a carbon canister will be employed. The facility will perform tank inspections and corrective action as specified in this regulation. As a best management practice, these carbon canisters will be monitored routinely for breakthrough and replaced in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan.

Proposed Condition: As required by the facility's Site-wide RCRA Operating Permit, all landfill standpipes must be covered at all times, except when being attended. Covers shall be inspected as required by the facility's Inspection Plan, included in an attachment to the facility's Site-wide RCRA Operating Permit. Specified valves and flanges in the standpipes will be inspected/monitored in accordance with the requirements in CWM's 6 NYCRR 373-2.28 Compliance Plan.

Emission Unit: 1-STABL, Process STB

Proposed Condition: In accordance with the facility's Stabilization Operation & Maintenance Manual, the Facility shall perform a monthly visual inspection of the bags located within the stabilization facility baghouses. Upon inspection, if the some of the bags are damaged, then the defective bags are replaced. If the bags are caked with dust, a change out is performed. A record of the inspection and any necessary corrective action is placed in the Operating Record.

Proposed Condition: Particulate air emissions to the environment are controlled by baghouses on the reagent silos and a dust collection system in the stabilization facility. Baghouses are inspected daily on operating days to verify no visible releases to the air in accordance with the Inspection Plan, which is an attachment to the facility's RCRA Permit. The completed inspection form is placed in the Daily Operating Record.

Emission Unit: 1-AQWTP, Process TRE

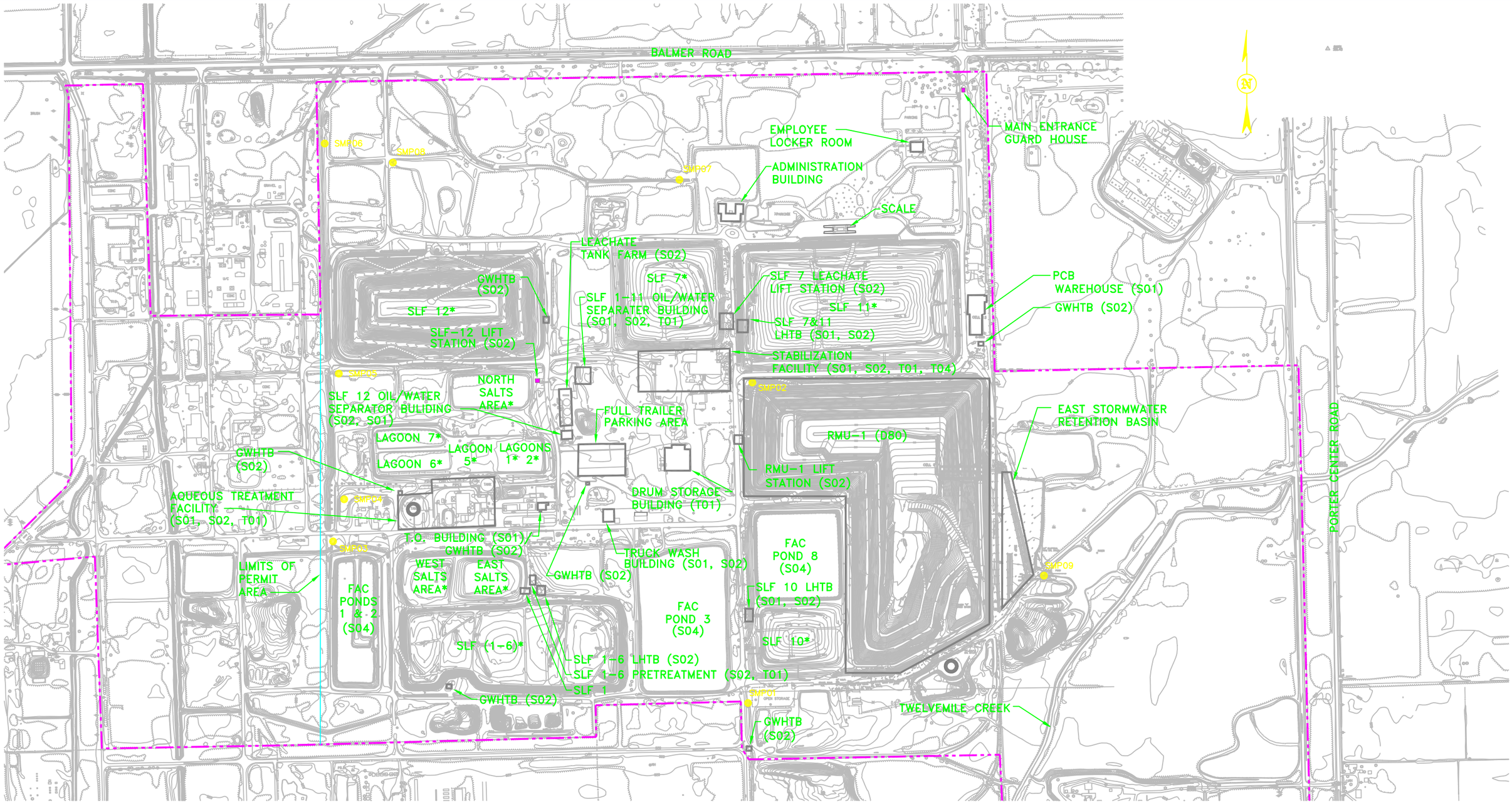
Proposed Condition: Tanks containing hazardous waste (as listed in facility's RCRA Permit) with >500 ppm VOCs, such as Site generated old landfill leachate, are subject to 6 NYCRR 373-2.29, Air Emission Standards for Tanks, Containers and Surface Impoundments. As required by this regulation, tanks determined to be Level 1 will either be closed with no cracks, gaps or openings or if they are vented, a control device such as a carbon canister will be employed. The facility will perform tank inspections and corrective action as specified in this regulation. As a best management practice, these carbon canisters will be monitored routinely for breakthrough and replaced in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan. For Level 2 tanks (e.g. the biotower system), monitoring and carbon canister replacement will be performed in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan.

Proposed Condition: When strong acid wastes are being processed, the tanks in use are vented to the caustic scrubber to neutralize the acid vapor. The caustic scrubber is operated, monitored and maintained in accordance with the facility's Aqueous Waste Treatment Operations & Maintenance Manual.

Emission Unit: 1-BOILR, Process HTR

Proposed Condition: The 14.7 MMBtu/hr (North American) boiler, the 5.23 MMBtu/hr (Cleaver Brooks) boiler and 0.101 MMBtu/hr (Fulton) boilers are subject to 40 CFR 63, Subpart JJJJJJ. The initial notification form must be filled out and submitted no later than January 20, 2014. The initial tune-up must be performed no later than

March 21, 2014. The initial Notification of Compliance Status form must be completed and submitted no later than July 19, 2014. Subsequent tune-ups must be conducted every two years for the two larger boilers and every five years for the smallest unit. Documentation of these activities will be maintained on-Site. A one-time energy assessment must be performed by March 21, 2014.



LEGEND

SLF =	SECURE LANDFILL
FAC =	FACULTATIVE
LAG =	LAGOON
* =	INACTIVE
LHTB =	LEACHATE HOLDING TANK BUILDING
GWHTB =	GROUNDWATER COLLECTION HOLDING TANK BUILDING
D80 =	LANDFILL
S01 =	CONTAINER STORAGE

PROPERTY LINE

LIMITS OF ACTIVE LANDFILL

S02 =	TANK STORAGE
S04 =	SURFACE IMPOUNDMENTS
T01 =	TANK TREATMENT
T04 =	OTHER TREATMENT
SMP09 ● =	SURFACE MONITORING POINT (SMP)

NOTES:

1. THIS MAP COMPILED BY PHOTOGRAMMETRIC METHODS FROM AERIAL PHOTOGRAPHY DATED 5-31-01. (AIR SURVEY CORP. PROJECT NO.71010503)
2. VERTICAL DATUM BASED ON NGS MEAN SEA LEVEL.
3. GRID BASED ON LOCAL COORDINATE SYSTEM.
4. CONTOUR INTERVAL 2 FT.
5. DASHED CONTOURS INDICATE THAT GROUND IS PARTIALLY OBSCURED BY VEGETATION OR SHADOWS. THESE AREAS MAY NOT MEET STANDARD ACCURACY AND REQUIRE FIELD TESTING COMPLETION.
6. PROPERTY LINES ARE APPROXIMATE.
7. 630 PERMITTED ACRES.
8. 710 TOTAL ACRES.
9. LOCATION OF SMPs ARE APPROXIMATE.

EnSol, Inc.
Environmental Solutions
452 THIRD STREET
NIAGARA FALLS, NY 14301
PHONE (716) 285-3920
FAX (716) 285-3928

FACILITY LAYOUT PLAN

CWM CHEMICAL SERVICES, LLC.
MODEL CITY, NY

FIGURE
1

APPENDIX A

UPDATED EMISSIONS INVENTORY

EMISSIONS INVENTORY

CWM CHEMICAL SERVICES MODEL CITY SITE
MODEL CITY, NEW YORK

Prepared For:

CWM Chemical Services, LLC
1550 Balmer Road
Model City, NY 14107

JANUARY 2014
REF. NO. 080335 (2) Appendix A
This report is printed on recycled paper.

TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1

2.0 FACILITY DESCRIPTION 2

3.0 FACILITY EMISSION UNIT DESCRIPTIONS 4
- 3.1 FUGITIVE DUST EMISSIONS 4
- 3.2 LEACHATE COLLECTION AND STORAGE 4
- 3.2.1 STANDPIPES AND SIDESLOPE RISERS 4
- 3.2.2 LEACHATE STORAGE TANKS AND LIFT STATIONS 6
- 3.3 STORMWATER EVENT TANKS 7
- 3.4 GROUNDWATER EXTRACTION SYSTEM 7
- 3.5 AQUEOUS WATER TREATMENT FACILITY 8
- 3.6 HEATING EQUIPMENT 9
- 3.7 DIESEL GENERATOR 10
- 3.8 LABORATORY EMISSIONS 10
- 3.9 STORAGE OF PETROLEUM PRODUCTS 10
- 3.10 DRUM STORAGE BUILDING 10

4.0 EMISSION DISCUSSION 11

LIST OF FIGURES

FIGURE 1 LANDFILL VEHICLE ROUTE

FIGURE 2 STABILIZATION VEHICLE ROUTE

FIGURE 3 POST-STABILIZATION VEHICLE ROUTE

FIGURE 4 ATWS VEHICLE ROUTE

FIGURE 5 DRUM BUILDING VEHICLE ROUTE

FIGURE 6 CONSTRUCTION VEHICLE ROUTE

FIGURE 7 MAIN OFFICE ROUTE

FIGURE 8 TRANS-SHIP VEHICLE ROUTE

FIGURE 9 ROUTE DISTANCES

LIST OF TABLES

TABLE 1	FACILITY EMISSION SUMMARY
TABLE 2	LANDFILL STANDPIPE AND SIDESLOPE RISER DIAMETERS
TABLE 3	ESTIMATED VOC AND HAP EMISSIONS FROM SLF 1-6 STANDPIPES (FROM AQEOUS PORTION ONLY)
TABLE 4	ESTIMATED LIGHT NON-AQEOUS PHASE LIQUID EMISSIONS FROM SLF 1-6 STANDPIPES
TABLE 5	ESTIMATED VOC AND HAP EMISSIONS FROM SLF 7 STANDPIPES
TABLE 6	ESTIMATED VOC AND HAP EMISSIONS FROM SLF 10 STANDPIPES
TABLE 7	ESTIMATED VOC AND HAP EMISSIONS FROM SLF 11 STANDPIPES
TABLE 8	ESTIMATED VOC AND HAP EMISSIONS FROM SLF 12 STANDPIPES
TABLE 9	ESTIMATED VOC AND HAP EMISSIONS FROM RMU-1 STANDPIPES
TABLE 10	TANK DIMENSIONS
TABLE 11	SUMMARY OF TANKS MODELING OUTPUT: LEACHATE STORAGE AND TRANSFER
TABLE 12	ESTIMATED EMISSIONS FROM TANK T-165
TABLE 13	SUMMARY OF TANKS MODELING OUTPUT: GROUNDWATER EXTRACTION SYSTEM
TABLE 14	SUMMARY OF TANKS MODELING OUTPUT: ATWS TANKS
TABLE 15	ESTIMATED VOC AND HAP EMISSIONS FROM BIOTOWER EXHAUST
TABLE 16	ESTIMATED FILTER PRESS EMISSIONS
TABLE 17	HEATING EQUIPMENT EMISSIONS
TABLE 18	DIESEL ENGINE EMISSIONS
TABLE 19	ESTIMATED LABORATORY EMISSIONS
TABLE 20	COMPOSITION OF SLF 1-6 LEACHATE ACCORDING TO 1994 STUDY

LIST OF ATTACHMENTS

ATTACHMENT 1	CALCULATION OF FUGITIVE PM-10 EMISSIONS
ATTACHMENT 2	CALCULATION OF FUGITIVE PM2.5 EMISSIONS
ATTACHMENT 3	USEPA PAPER "*Overall Mass Transfer Coefficient for Pollutant Emissions From Small Water Pools Under Simulated Indoor Environmental Conditions*"
ATTACHMENT 4	LABORATORY ANALYTICAL REPORT FOR TANK T-103 SAMPLE
ATTACHMENT 5	1994 STUDY OF SLF 1-6 LEACHATE
ATTACHMENT 6	MAXIMUM DETECTED VALUES FOR SELECT TANKS
ATTACHMENT 7	HISTORICAL SAMPLING RESULTS FOR RMU-1 LEACHATE
ATTACHMENT 8	TANKS SOFTWARE MODEL OUTPUT FOR LEACHATE TANKS
ATTACHMENT 9	TANKS SOFTWARE MODEL OUTPUT FOR GROUNDWATER TANKS
ATTACHMENT 10	SAMPLING RESULTS FOR GROUNDWATER STORAGE TANKS
ATTACHMENT 11	TANKS SOFTWARE MODEL OUTPUT FOR ATWS TANKS
ATTACHMENT 12	HISTORICAL SAMPLING RESULTS FOR TANKS T-100, T-310 AND T-320
ATTACHMENT 13	ANALYTICAL REPORT FOR BIOTOWER EXHAUST
ATTACHMENT 14	TANKS SOFTWARE MODEL OUTPUT FOR PETROLEUM STORAGE TANKS
ATTACHMENT 15	ESTIMATED EMISSIONS: DRUM STORAGE BUILDING

1.0 INTRODUCTION

Conestoga-Rovers & Associates, Inc. (CRA) has been retained by CWM Chemical Services, LLC (CWM) to conduct an emissions inventory of their existing Model City Facility (Facility or Site). The intention of this review is to update the existing emission inventory for the facility taking into account current conditions at the facility. The Inventory will also be used as a basis for the Air State Facility Permit Application as well as to develop appropriate air permitting strategies for the Facility.

The CWM facility is an existing commercial hazardous waste treatment, storage, and disposal facility (TSDF) in Model City, Niagara County, New York. This TSDF began operation in 1972 as ChemTrol Pollution Services, Inc. Due to corporate acquisitions and name changes, CWM, a subsidiary of Waste Management, Inc., is the present owner and operator of the facility.

Based on the previous quantification of air emissions from the facility, in accordance with the guidance and regulations presented in 6 NYCRR Part 201, of the New York Code of Rules and Regulations (NYCRR), the facility has not historically qualified as a potential Title V or Air State Facility source. Therefore, emissions from sources not identified as Exempt or Trivial under 6 NYCRR Part 201-3, had been previously permitted with the New York State Department of Environmental Conservation (NYSDEC) Division of Air Resources in accordance with 6 NYCRR Part 201-4 (Minor Facility Registrations).

The recent promulgation of 6 NYCRR Part 201-9 presented the new 'Significant Mass Emission Rates for Persistent, Bioaccumulative and Toxic Compounds' that took effect on February 22, 2013. Any facility that has total emissions greater than the thresholds listed in the table for any compound must apply for an Air State Facility Permit or a Title V Permit within six months of receipt of the department's determination to submit a complete permit application. As a result, CRA representatives conducted a thorough review of CWM facility operations and existing permit documentation in order to ascertain the level of air permitting required for the CWM Facility going forward. Based on this review, CRA has determined that an Air State Facility Permit Application is required for the Facility.

2.0 FACILITY DESCRIPTION

The CWM Chemical Services, LLC (CWM), Model City Facility is located within the Erie-Niagara Region in the western section of New York State. The facility is situated on the boundary between the Towns of Lewiston and Porter in Niagara County. All hazardous waste management units are located within the Town of Porter. The facility's operations are authorized by a RCRA hazardous waste permit issued by NYSDEC and a TSCA (PCB) Approval issued by USEPA. The facility uses a number of processes for the proper storage, treatment and disposal of a variety of liquid and solid organic and inorganic hazardous waste and industrial non-hazardous waste. Storage, treatment and disposal capabilities include an aqueous waste treatment system, which includes phase separation, oxidation/reduction, neutralization, solids precipitation and filtration, biological treatment and carbon filtration. The treated effluent is stored in a facultative (fac) pond, qualified and discharged pursuant to the facility's State Pollutant Discharge Elimination System (SPDES) Permit. Other operations include waste stabilization; secure landfilling of approved solid waste, including PCBs; solvent and fuel blending processes; RCRA and TSCA container storage and transfer; landfill leachate collection, storage and treatment. As a RCRA permitted TSDF, CWM is subject to the hazardous waste regulations in 6 NYCRR Parts 370-376. This includes several regulations focused on minimizing the release of hazardous waste contaminants to the air: 373-2.28, Air Emission Standards for Equipment Leaks, and 373-2.29, Air Emission Standards for Tanks, Containers and Surface Impoundments.

The Model City Facility began operations in 1971 as Chem-Trol Pollution Services, Inc. Activities included reclamation of waste oils, distillation of spent solvents, aqueous waste treatment, and land disposal. In 1973, the stock of Chem-Trol was purchased by SCA Services, Inc. The Chem-Trol name was retained until late 1978 at which time the corporate name changed to SCA Chemical Waste Services, Inc, and in 1981, was renamed SCA Chemical Services, Inc.

In October 1984, WM Acquiring Corp., owned jointly by Waste Management, Inc. (WMI), and Genstar, Inc., acquired SCA Services, Inc., of which SCA Chemical Services, Inc., was a subsidiary. Through a corporate reorganization in October 1986, SCA Chemical Services, Inc. became a wholly owned subsidiary of Chemical Waste Management, Inc. (CWM), itself majority-owned by Waste Management, Inc. In July 1988, the corporate name SCA Chemical Services, Inc. was changed to CWM Chemical Services, Inc. CWM Chemical Services, Inc., became a limited liability company in January 1998 and became CWM Chemical Services, LLC. CWM Chemical Services, LLC, is the owner and operator of the Model City Facility.

The following summarizes the closed and active landfill units at the Facility:

Landfill Area	*Status*
SLF 1-6	Closed
SLF 7	Closed
SLF 10	Closed
SLF 11	Closed
SLF 12	Closed
RMU-1	Active

3.0 FACILITY EMISSION UNIT DESCRIPTIONS

The following sections present discussions of the emissions estimated for the sources identified at the Facility. Supporting calculations are provided as referenced.

3.1 FUGITIVE DUST EMISSIONS

Off-road particulate matter (PM) emissions are primarily caused by the moving and handling of soil by heavy equipment such as loaders and bulldozers. The emissions were calculated based on the equipment and hours of operation for both operational and construction vehicles, and include such activities as soil handling and waste placement. Operational vehicles and waste hauling vehicles also generate particulate emissions from traveling on both the paved and unpaved roads at the Facility. These emissions differ from those discussed above since they consider PM that is stirred up by vehicle tires on the road surface as opposed to the actual movement of soil. PM emissions to determine road dust were calculated based on information provided by the Facility, which include vehicle traffic, such as types of equipment and roads/paths traveled, as well as distances traveled and hours of operation. Figures 1 through 9 provide a description of the road segments and vehicle traffic routes for the different truck types that operate at the Facility.

CRA utilized a series of United States Environmental Protection Agency (USEPA) published emission factors and emission factor equations in the performance of this work. Emissions are based on routine operations for a typical year of landfill operation. Attachment 1 presents the calculation of fugitive PM-10 dust emissions for the Facility. Attachment 2 presents the calculation of fugitive PM-2.5 dust emissions for the Facility.

3.2 LEACHATE COLLECTION AND STORAGE

This Section provides a summary of emissions from the collection, transfer and storage of leachate at the Facility.

3.2.1 STANDPIPES AND SIDESLOPE RISERS

Emissions occur within the landfill standpipes and sideslope risers due to the evaporation of leachate to the atmosphere. The calculation methodology for leachate emissions from the landfill standpipes and sideslope risers was taken from the USEPA

paper, "*Overall Mass Transfer Coefficient for Pollutant Emissions From Small Water Pools Under Simulated Indoor Environmental Conditions* (Guo, Z. and Roache, N.F., December 20, 2002)" [See Attachment 3 for paper]. The exposed surface area for each landfill area was calculated by summing the individual standpipe areas using the diameters presented in Table 2.

Table 3 presents a summary of volatile organic compounds (VOCs) and hazardous air pollutant (HAPs) emissions from the SLF 1-6 standpipes. Individual VOC and HAP concentrations within the leachate are based on a sample taken from Tank 103 on March 21, 2013 (refer to Attachment 4 for laboratory analytical report). It should be noted that the emissions presented in Table 3 represent volatilization from the aqueous phase of leachate only.

The leachate collected from SLF 1-6 also contains non-aqueous phase liquids (NAPL). Attachment 5 presents a phase breakdown of leachate from SLF 1-6 based on a study conducted in 1994. This information was used to calculate emissions of light non-aqueous phase liquids (LNAPL) from SLF 1-6, presented in Table 4. Emissions were calculated based on the assumption that 2.5% of the total leachate collected from SLF 1-6 is LNAPL and approximately 1% of the LNAPL volatilizes from the leachate. The 1% volatilization rate was estimated based on site-specific testing that was conducted on the standpipes on August 23, 2013.

It is assumed that dense non-aqueous phase liquids (DNAPL) settle within the leachate and do not volatilize. DNAPL is ultimately removed from the standpipe and transferred to the oil/water separator (T-158) and sent off-site to a third party for incineration.

Table 5 presents a summary of VOC and HAP emissions from the SLF 7 standpipes. Individual VOC and HAP concentrations within the leachate in SLF 7 were based on the maximum detected value from historical sampling results for Tank T-107 (see Attachment 6).

Table 6 presents a summary of VOC and HAP emissions from the SLF 10 standpipes. Individual VOC and HAP concentrations within the leachate in SLF 10 were based on the maximum detected value from historical sampling results for Tank T-109 and Tank T-110 (see Attachment 6).

Table 7 presents a summary of VOC and HAP emissions from the SLF 11 standpipes. Individual VOC and HAP concentrations within the leachate in SLF 11 were based on the maximum detected value from historical sampling results for Tank T-108 (see Attachment 6).

Table 8 presents a summary of VOC and HAP emissions from the SLF 12 standpipes. Individual VOC and HAP concentrations within the leachate in SLF 12 were based on the maximum detected value from historical sampling results for Tank T-150 (see Attachment 6).

Table 9 presents a summary of VOC and HAP emissions from the RMU-1 standpipes. Individual VOC and HAP concentrations within the leachate in RMU-1 were based on the maximum detected value from the following historical sampling results (see Attachment 7):

- Periodic sampling results for individual standpipes between May 2006 and February 2013
- Periodic sampling results for Tank T-102 between April 2012 and April 2013
- Periodic sampling results for Tank T-160 (lift station for RMU-1 Landfill) between January 31, 2012 and February 15, 2012

3.2.2 LEACHATE STORAGE TANKS AND LIFT STATIONS

Emissions are generated from the volatilization of leachate and from the working and breathing losses from the filling and unloading of the lift stations and storage tanks at the Facility. Emissions calculations for the storage tanks and lift stations that transfer and store leachate at the Facility were estimated utilizing TANKS 4.0.9d software. Tank compositions were referenced based on periodic sampling results provided by CWM. Attachment 8 presents the TANKS model output for each of the following tanks:

Tank ID	*Description*	*Composition*
T-102[1]	SLF-12 and RMU-1 Leachate	Maximum Detected value in Attachment 7
T-103[1]	SLF 1-6 Leachate	Sample of T-103 (Attachment 4)
T-105	Lift Station for T-130	Overall Average in Table 20
T-107	SLF 7 Leachate	Maximum Detected value in Attachment 6
T-108	SLF 11 Leachate	Maximum Detected value in Attachment 6
T-109	SLF 10 Leachate	Maximum Detected value in Attachment 6
T-110	SLF 10 Leachate	Maximum Detected value in Attachment 6
T-111	SLF 11 Leachate	Maximum Detected value in Attachment 6

[1] Three tanks in the Leachate Tank Farm (T-101, T-102, T-103); one is used for SLF 1-6 aqueous leachate, one is used for SLF 12 and RMU-1 leachate and one is generally on stand-by. [tank service is changed from time to time]

T-130	SLF 1-6 Leachate	Overall Average in Table 20
T-158	SLF 1-6 Leachate	Overall Average in Table 20
T-160	RMU-1 Lift Station	Maximum Detected value in Attachment 6

Dimensions, capacities and throughputs for all tanks at the Facility are presented in Table 10. A summary of emissions from each tank is presented in Table 11.

3.3 STORMWATER EVENT TANKS

One of the tanks in the Leachate Tank Farm (e.g. T-101) is on stand-by.[2] The Facility is currently required to maintain Tank T-101 on a stand-by basis for major storm events. As a conservative measure, emissions are assumed to be equal to those of Tank T-102 (which currently stores collected leachate from SLF-12 and RMU-1).

Tank T-165 is used to store collected contact stormwater from collection/storage basins located in the active area of RMU-1 and allows for sufficient excess capacity to contain precipitation from a 25-year, 24-hour design storm event. Emissions were estimated based on sampling results for Tank T-160 (see last page of Attachment 7) and the methodology presented in the USEPA paper, "*Overall Mass Transfer Coefficient for Pollutant Emissions From Small Water Pools Under Simulated Indoor Environmental Conditions* (Guo, Z. and Roache, N.F., December 20, 2002)" [See Attachment 3 for paper]. A surface area of 357.7 square meters and a wind speed of 11.8 miles per hour were assumed in the calculations. Table 12 presents the estimated emissions from Tank T-165.

3.4 GROUNDWATER EXTRACTION SYSTEM

The 8000 series of tanks at the Facility represent the groundwater extraction system. Emissions are generated from the volatilization of collected groundwater and from the working and breathing losses from the filling and unloading of the lift stations and storage tanks at the Facility. Emissions calculations for the storage tanks and lift stations that transfer and store groundwater at the Facility were estimated utilizing TANKS 4.0.9d software. Tank compositions were referenced based on periodic sampling results provided by CWM. Attachment 9 presents the TANKS model output for each of the following tanks:

[2] Three tanks in the Leachate Tank Farm (T-101, T-102, T-103); one is used for SLF 1-6 aqueous leachate, one is used for SLF 12 and RMU-1 leachate and one is generally on stand-by. [tank service is changed from time to time]

Tank ID	*Description*	*Composition*
T-8001	Collected Groundwater	Maximum Detected value in Attachment 6
T-8002	Lift Station for T-8001	Same as Tank T-8001
T-8004	Collected Groundwater	T-8004 sample (see Attachment 10)
T-8005	Collected Groundwater	T-8005 sample (see Attachment 10)
T-8006	Collected Groundwater	T-8006 sample (see Attachment 10)
T-8007	Collected Groundwater	T-8007 sample (see Attachment 10)
T-8008	Collected Groundwater	DNAPL Tank (Currently 100% Aqueous)
T-8009	Collected Groundwater	Maximum Detected value in Attachment 6
T-8010	Collected Groundwater	No Emissions (All Non-Detects in Sample)

Dimensions, capacities and throughputs for all tanks at the Facility are presented in Table 10. A summary of emissions from each tank is presented in Table 13.

3.5 AQUEOUS WATER TREATMENT FACILITY

This Section provides the estimated emissions from the Aqueous Water Treatment Facility. Emissions are generated from the volatilization of collected influent water and from the working and breathing losses from the filling and unloading of the storage tanks at the Facility. Emissions calculations for the storage tanks at the Aqueous Water Treatment Facility were estimated utilizing TANKS 4.0.9d software. Tank compositions were referenced based on periodic sampling results provided by CWM. Attachment 11 presents the TANKS model output for each of the following tanks:

Tank ID	*Description*	*Composition*
T-100	Filtrate Tank	Maximum Detected value in Attachment 12
T-210	Processing of Tank T-103	Same as Tank T-103
T-220	Processing of Tank T-103	Same as Tank T-103
T-230	Processing of Tank T-103	Same as Tank T-103
T-1010	Processing of Tank T-103	Same as Tank T-103
T-1020	Processing of Tank T-103	Same as Tank T-103
T-310	Biotowers	Maximum Detected value in Attachment 12
T-320	Biotowers	Maximum Detected value in Attachment 12
T-3001	Tank T-100 Processing	Same as Tank T-100
T-3002	Feed to Biotowers	Same as Tank T-100
T-3003	Feed to Carbon	Same as Tank T-100
T-3009	Carbon Backwash	Same as Tank T-100
T-3011	Effluent From Biotowers	Same as Tank T-310 / Tank T-320
T-3012	Lift Station Between Biotowers	Same as Tank T-100
Frac Tank #3	SLF-7 Leachate Processing	Same as Tank T-107

Dimensions, capacities and throughputs for all tanks at the Facility are presented in Table 10. A summary of emissions from each tank is presented in Table 14.

Emissions from the exhaust of the biotowers were estimated using SUMMA canister results from March 16, 2013 (refer to Attachment 13 for analytical report). Table 15 presents a summary of emissions from the biotower exhaust.

Emissions from the filter press are presented in Table 16.

3.6 HEATING EQUIPMENT

Heating at the Facility is provided by the following boilers/heaters:

- Cleaver Brooks Model CB.101-125 (Oil-fired, Boiler Room)
- North American Model 7410 (Oil-fired, Boiler Room)
- Fulton Model CB-030 (Oil-fired, AWTS)
- Fulton Model 50063 (Propane-fired, Locker Room)
- Copper Hydronic Boiler (Propane-fired, Firewater Pump Bld.)

- Davo Hastings Heaters (Two Propane-fired, Drum Bld. Roof)
- Stabilization Main Heaters (Two Propane-fired, Stab. Bld. Roof)
- Pug Mill Heaters (Two Propane-fired, Stab. Pug Mill Area)

Emission factors for the oil-fired boilers/ heaters were referenced from USEPA AP-42, Section 1.3 (05/10). Emission factors for the propane-fired boilers/heaters were referenced from USEPA AP-42, Section 1.5 (07/08). Table 17 presents the estimated emissions from the heating equipment at the Facility.

3.7 DIESEL GENERATOR

The Site operates a Cummins Diesel Fire-Water Pump rated at 187 horsepower for 1 day each month for a maximum of 2 hours per occurrence. Emission factors for the diesel generator were referenced from USEPA AP-42, Section 3.3 (10/96). Table 18 presents a summary of emissions for the diesel generator.

3.8 LABORATORY EMISSIONS

An estimate of emissions laboratory activities was compiled based on an analysis of 2012 purchase records. Table 19 presents a summary of emissions from the laboratory at the CWM Facility.

3.9 STORAGE OF PETROLEUM PRODUCTS

Unleaded gasoline, diesel fuel, engine oil and propane are stored in above-ground storage tanks at the facility. Emissions are generated from the volatilization of these liquids and from the working and breathing losses from the filling and unloading of the tanks. Emissions calculations for the storage tanks at the Facility were estimated utilizing TANKS 4.0.9d software and estimated throughputs at the Facility. Attachment 14 contains the model output of the TANKS program for the storage of petroleum products for each tank.

3.10 DRUM STORAGE BUILDING

Sampling and waste fuel transfer occurs at the Drum Storage building. Emissions from these activities are quantified in Attachment 15.

4.0 EMISSION DISCUSSION

Table 1 presents a summary of total emissions for the CWM Facility. Based on these totals, the CWM Facility exceeds the following thresholds as given under the 6 NYCRR Part 201-9, Table 1 ('Significant Mass Emission Rates for Persistent, Bioaccumulative and Toxic Compounds'):

Compound	*Value*	*6 NYCRR 201-9 Threshold*
	(lb/yr)	(lb/yr)
Pesticides	0.2	0
PCBs	14.0	0.1
Polycyclic Organic Matter (POM)	2.1 [1]	1

POM – organic compounds with more than one benzene ring and a boiling point of >100^{o} C, generally includes PAHs, such as naphthalene, anthracene and phenanthrene.

Therefore, the CWM Facility must apply for an Air State Facility Permit as described under 6 NYCRR 201-4.1.

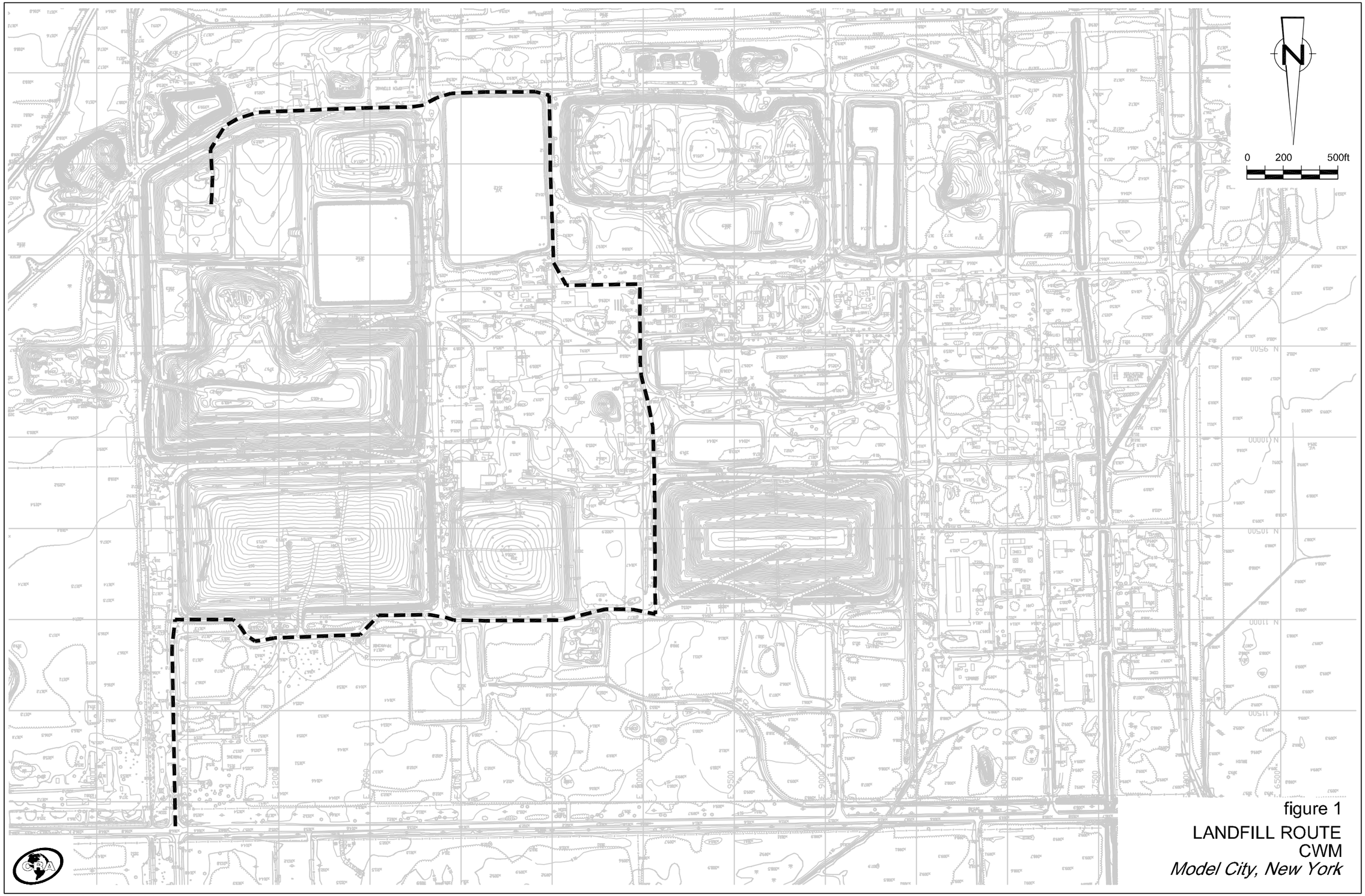


figure 1
LANDFILL ROUTE
CWM
Model City, New York

48312-00(001)GN-NI001 OCT 29/2007

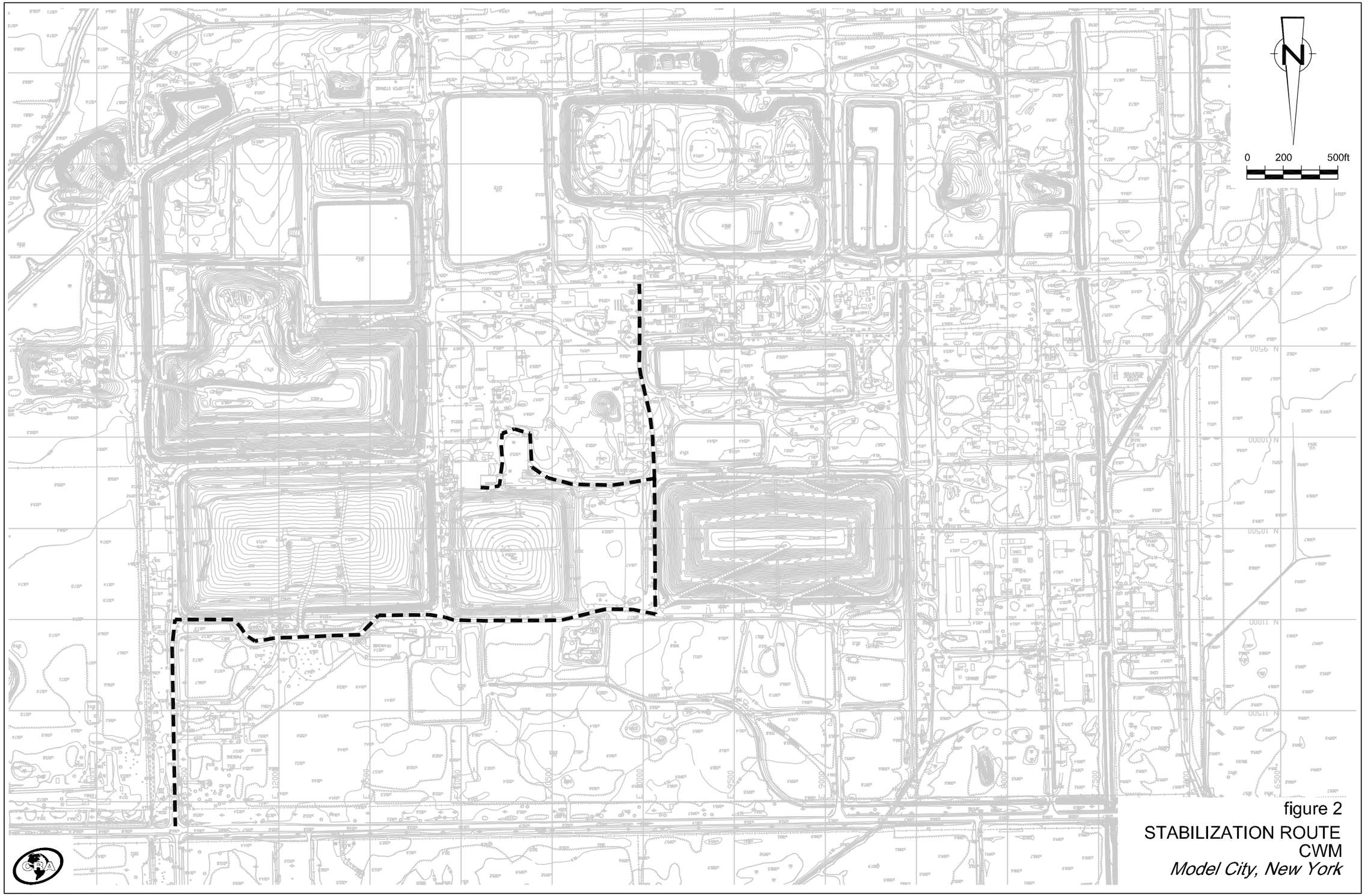


figure 2

STABILIZATION ROUTE

CWM

Model City, New York

48312-00(001)GN-NI002 OCT 29/2007

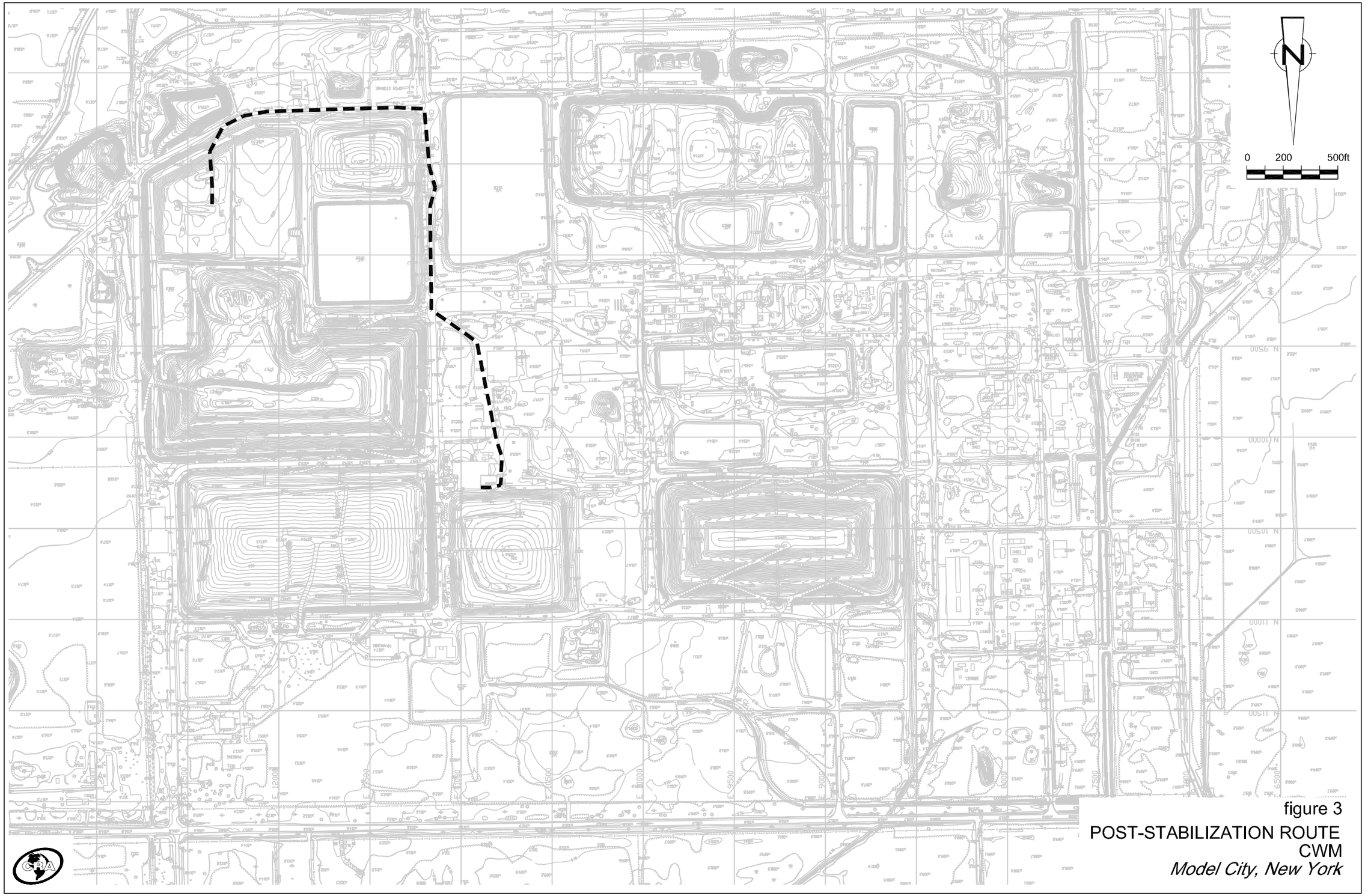


figure 3

POST-STABILIZATION ROUTE

CWM

Model City, New York

48312-00(001)GN-NI003 OCT 29/2007

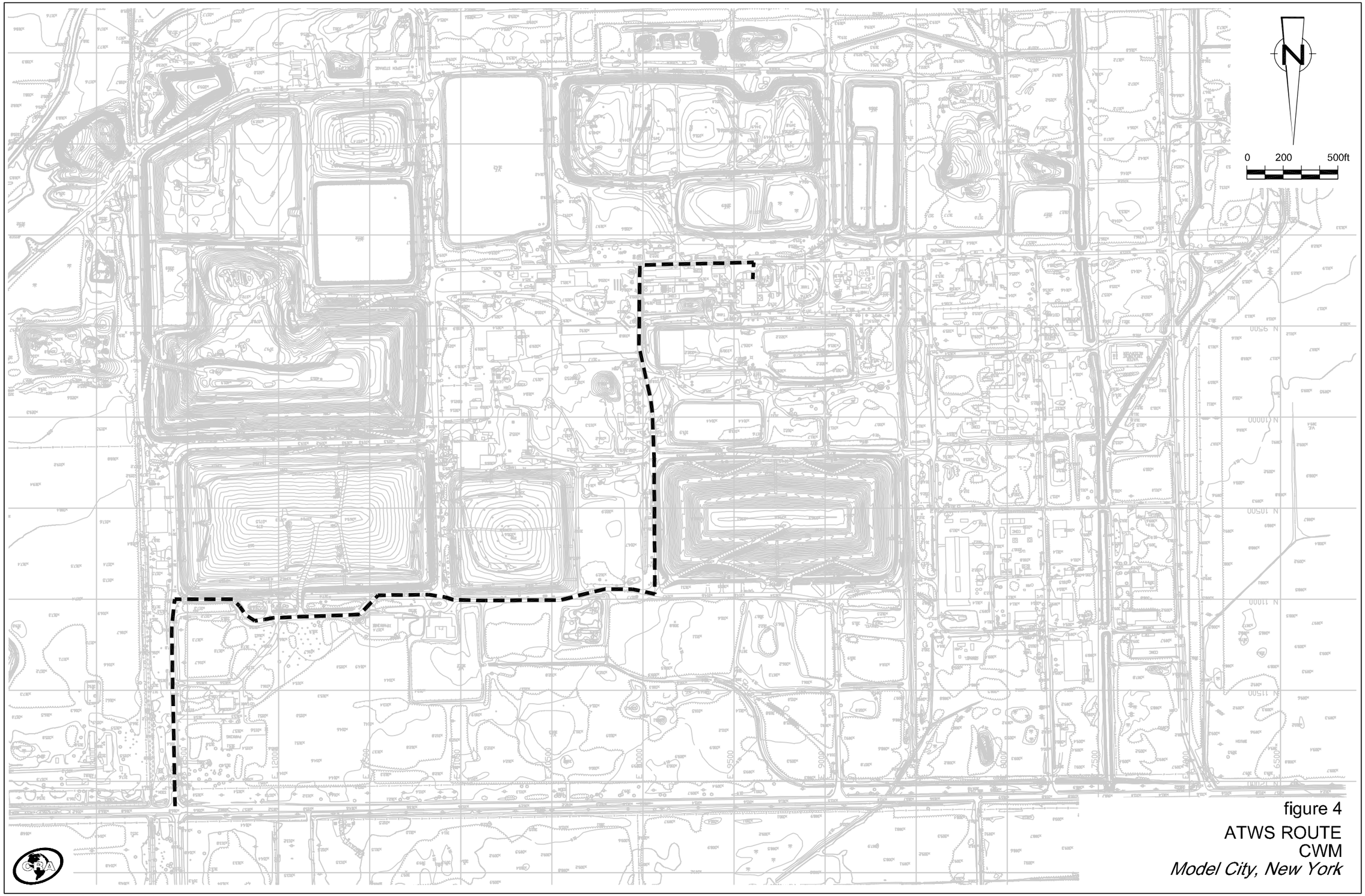


figure 4
ATWS ROUTE
CWM
Model City, New York

48312-00(001)GN-NI004 OCT 29/2007

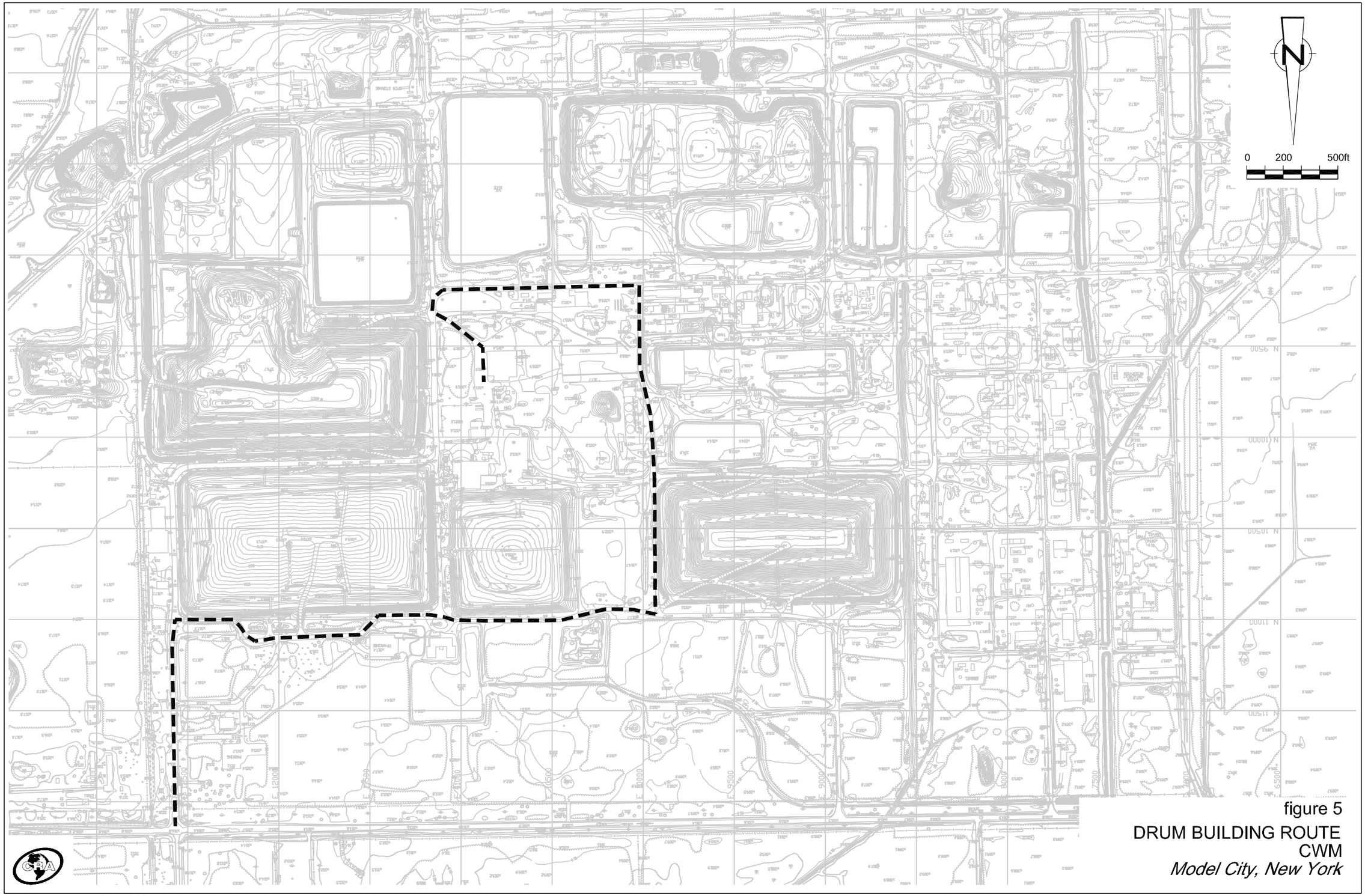


figure 5
DRUM BUILDING ROUTE
CWM
Model City, New York

48312-00(001)GN-NI005 OCT 29/2007

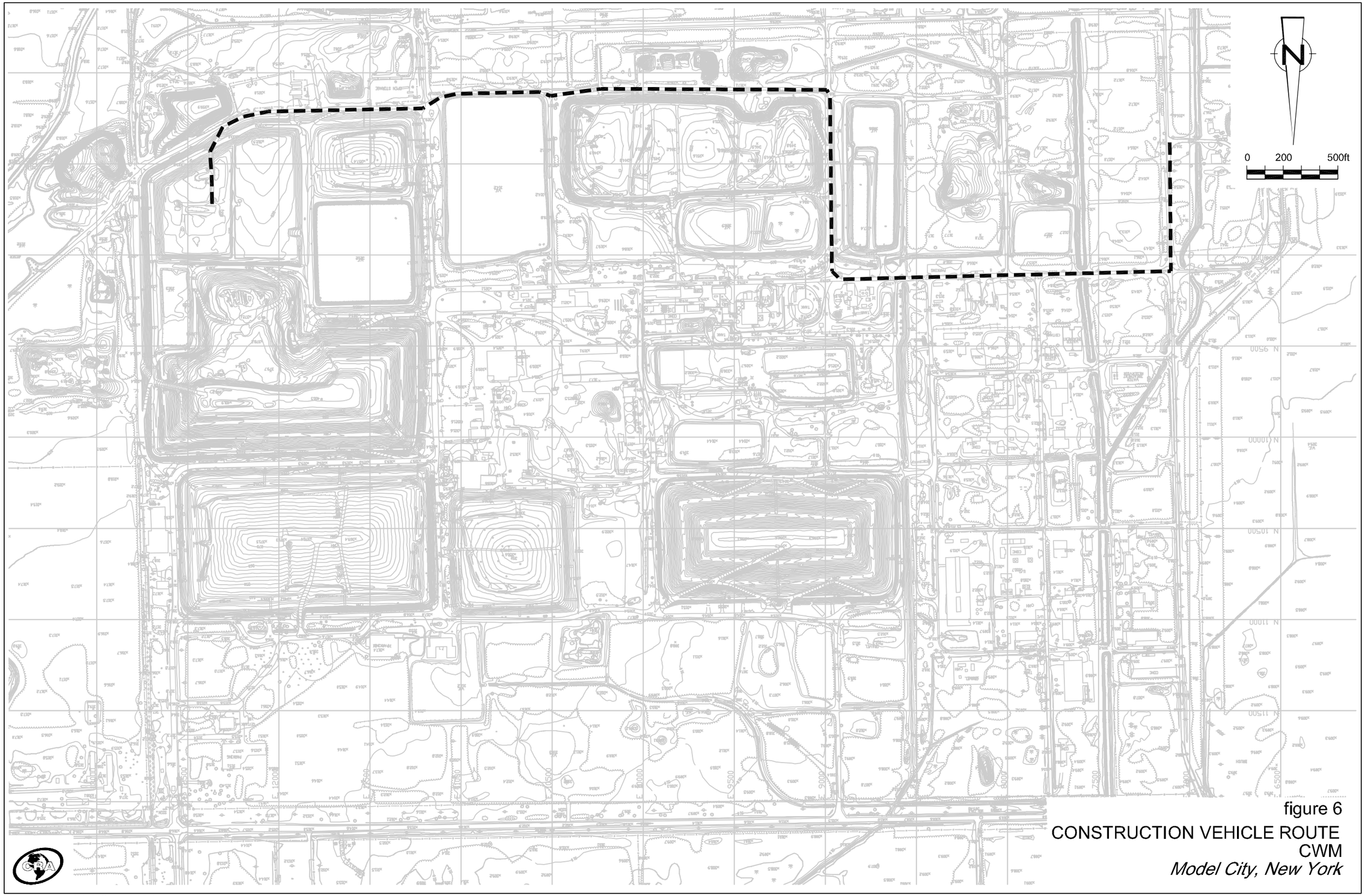


figure 6

CONSTRUCTION VEHICLE ROUTE

CWM

Model City, New York

48312-00(001)GN-NI006 OCT 29/2007

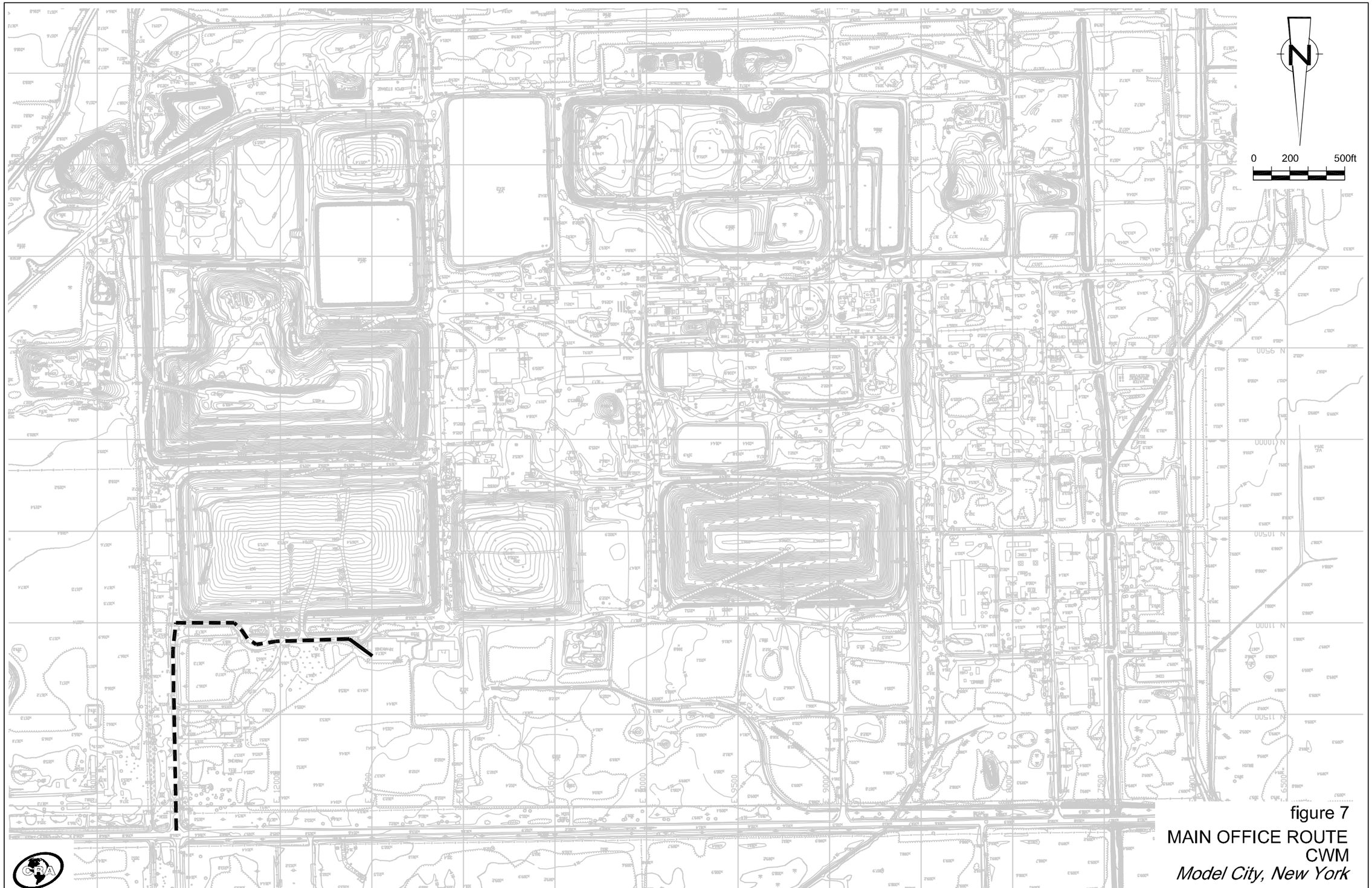


figure 7
MAIN OFFICE ROUTE
CWM
Model City, New York

48312-00(001)GN-NI007 OCT 29/2007

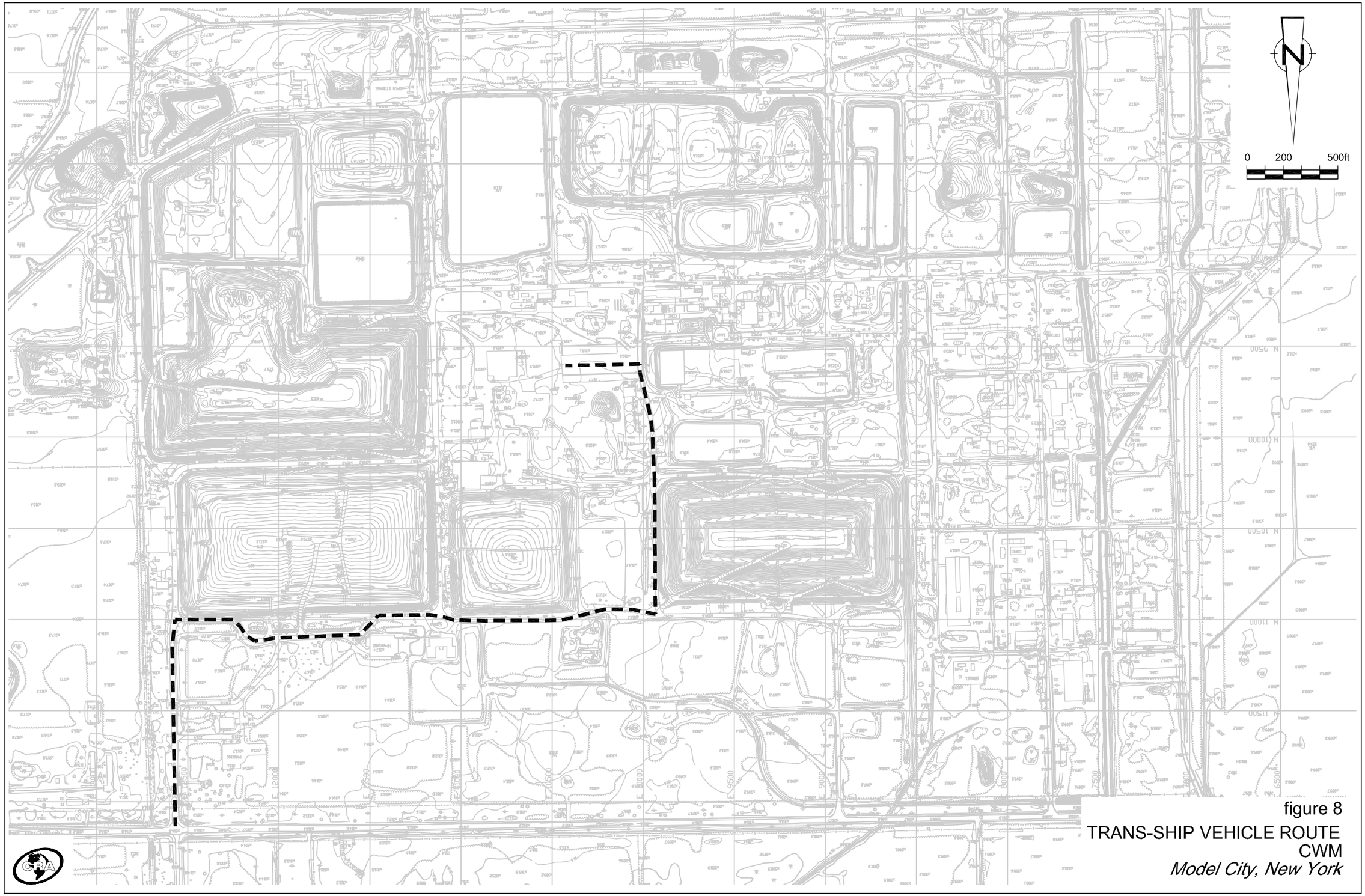


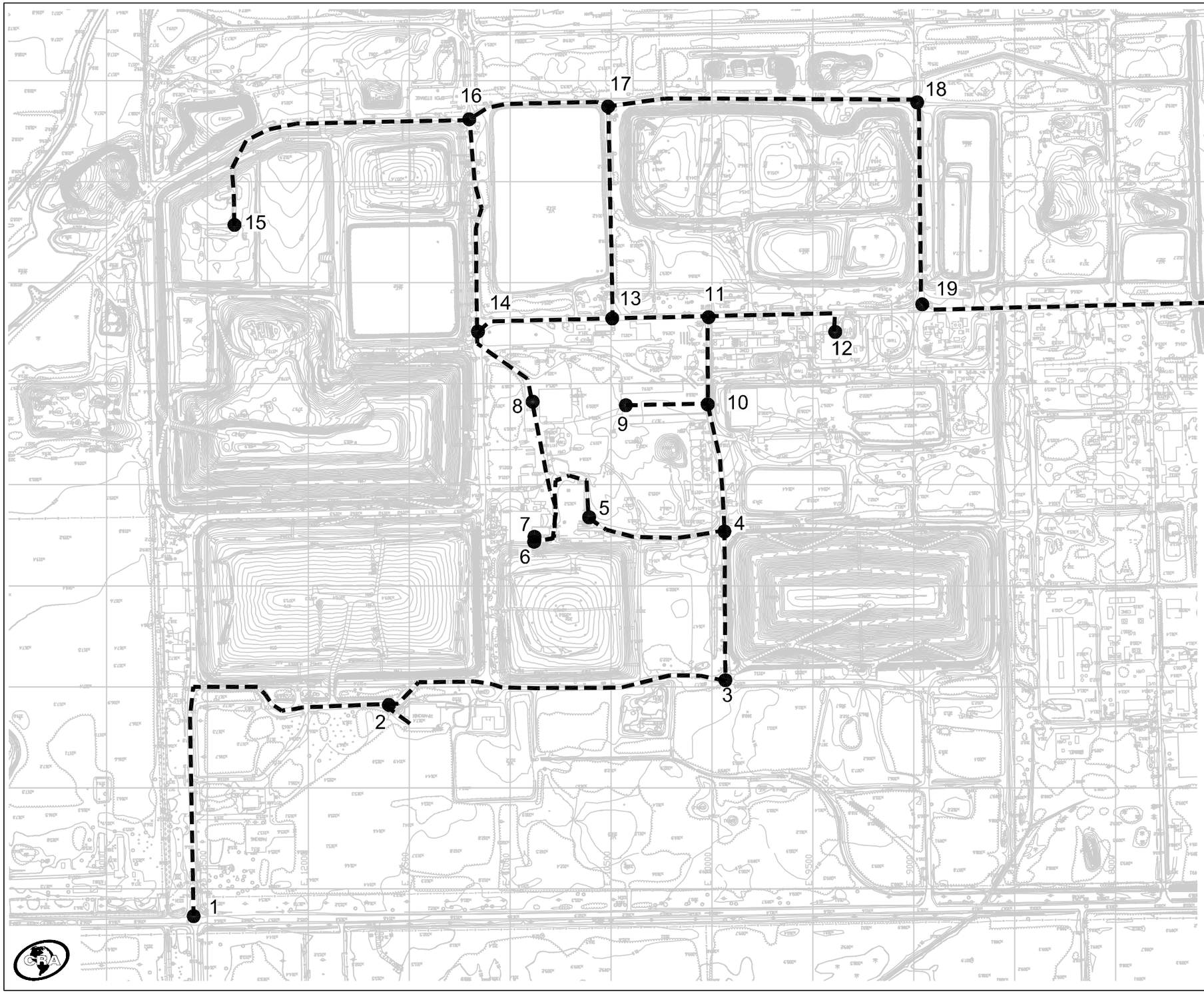
figure 8

TRANS-SHIP VEHICLE ROUTE

CWM

Model City, New York

48312-00(001)GN-NI008 OCT 29/2007



LINE SEGMENT	DISTANCE (FEET)
1-2	2,148
2-3	1,726
3-4	736
4-5	696
4-10	637
5-6	719
7-8	783
8-14	476
10-9	405
10-11	434
11-12	712
11-13	478
13-17	1,049
13-14	684
14-16	1,062
16-15	1,557
16-17	712
17-18	1,534
18-19	1,008
19-20	2,562

figure 9
ROUTE DISTANCES
CWM
Model City, New York

TABLE 1

FACILITY EMISSION SUMMARY
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Emission Source	Exempt/ Trivial	Exempt / Trivial Basis	VOC	HAP	CO	NOx	SO_2	PM-10	PM-2.5	Carbon Tetrachloride	Chloroform	Benzene	Methylene Chloride	TCE	Acrylonitrile	Pesticides, Herbicides, Insecticides	PCBs	POM	CO_2	CH_4	N_2O	Arsenic	Cadmium	Chromium	Manganese	Nickel
										Emissions (lb/year)																
SLF 1-6 Standpipes	N	---	391.2	382.9	-	-	-	-	-	0.3	6.6	0.8	183.4	22.1	0.07	0.2	7.3	2.1	-	-	-	-	-	-	-	-
SLF 7 Standpipes	N	---	21.6	40.7	-	-	-	-	-	0.0	0.0	0.0	35.4	0.0	0.00	0.0	0.1	-	-	-	-	-	-	-	-	-
SLF 10 Standpipes	N	---	22.1	26.7	-	-	-	-	-	0.0	0.0	0.0	17.4	0.0	0.00	0.0	1.1	-	-	-	-	-	-	-	-	-
SLF 11 Standpipes	N	---	12.2	5.4	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.00	0.0	1.9	-	-	-	-	-	-	-	-	-
SLF 12 Standpipes	N	---	0.07	0.07	-	-	-	-	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	-	-	-	-	-	-	-	-	-
RMU-1 Standpipes	N	---	3.0	3.0	-	-	-	-	-	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-	-	-
RMU-1 Capping	N	---	-	-	-	-	-	2,120.1	1,013.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RMU-1 Operations	N	---	-	-	-	-	-	12,074.3	9,614.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stabilization Baghouse #1	N	---	-	-	-	-	-	33.8	33.8	-	-	-	-	-	-	-	-	0.01	-	-	-	0.00	0.00	0.14	0.01	0.96
Stabilization Baghouse #2	N	---	-	-	-	-	-	18.8	18.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cement Kiln Silo	Y	6 NYCRR 201-3.2(c)(27)	-	-	-	-	-	3.8	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lime Silo	Y	6 NYCRR 201-3.2(c)(27)	-	-	-	-	-	67.1	67.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-101 [C]	N	---	0.05	0.1	-	-	-	-	-	-	-	-	0.05	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-102	N	---	0.05	0.08	-	-	-	-	-	-	-	-	0.05	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-103	N	---	1.45	1.89	-	-	-	-	-	-	0.01	0.00	0.90	0.00	0.00	-	E	-	-	-	-	-	-	-	-	-
Tank T-105	Y	6 NYCRR 201-3.2(c)(25)	0.67	1.32	-	-	-	-	-	0.01	0.03	0.00	0.70	0.22	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-107	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.01	-	-	-	-	-	-	-	-	0.01	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-108	N	---	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-109	Y	6 NYCRR 201-3.2(c)(25)	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-110	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	-	-	-	0.00	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-111	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-130	Y	6 NYCRR 201-3.2(c)(25)	0.73	1.42	-	-	-	-	-	0.01	0.04	0.00	0.75	0.23	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-150	Y	6 NYCRR 201-3.2(c)(25)	0.00	0.19	-	-	-	-	-	-	-	-	0.19	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-158	N	---	2.06	4.02	-	-	-	-	-	0.02	0.10	0.01	2.12	0.66	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-160	Y	6 NYCRR 201-3.2(c)(25)	0.00	1.07	-	-	-	-	-	-	-	-	1.07	-	-	-	E	-	-	-	-	-	-	-	-	-
Tank T-165	N	---	7.30	3.92	-	-	-	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	-
Tank T-8001	Y	6 NYCRR 201-3.2(c)(25)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8002	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8004	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8005	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8006	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8007	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8008	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8009	Y	6 NYCRR 201-3.3(c)(44)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-8010	Y	6 NYCRR 201-3.2(c)(25)	0.00	0.00	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-100	N	---	0.10	0.22	-	-	-	-	-	-	0.00	0.00	0.22	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-210	N	---	0.42	0.56	-	-	-	-	-	-	0.00	0.00	0.27	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-220	N	---	0.42	0.56	-	-	-	-	-	-	0.00	0.00	0.27	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-230	N	---	0.42	0.56	-	-	-	-	-	-	0.00	0.00	0.27	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-1010	N	---	0.29	0.39	-	-	-	-	-	-	0.00	0.00	0.19	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-1020	Y	6 NYCRR 201-3.2(c)(25)	0.24	0.32	-	-	-	-	-	-	0.00	0.00	0.16	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-310	N	---	0.02	0.01	-	-	-	-	-	-	0.00	0.00	0.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-320	N	---	0.02	0.01	-	-	-	-	-	-	0.00	0.00	0.01	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-3001	Y	6 NYCRR 201-3.2(c)(25)	0.01	0.03	-	-	-	-	-	-	0.00	0.00	0.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-3002	Y	6 NYCRR 201-3.2(c)(25)	0.01	0.03	-	-	-	-	-	-	0.00	0.00	0.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-3003	Y	6 NYCRR 201-3.2(c)(25)	0.01	0.03	-	-	-	-	-	-	0.00	0.00	0.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
T-3004/3005 Sand Filters [A]	Y	6 NYCRR 201-3.2(c)(22)	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T-3007/3008 Carbon Adsorbers [A]	Y	6 NYCRR 201-3.2(c)(22)	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-3009	Y	6 NYCRR 201-3.2(c)(25)	0.01	0.00	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-3011	Y	6 NYCRR 201-3.3(c)(44)	0.01	0.00	-	-	-	-	-	-	0.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Tank T-3012	Y	6 NYCRR 201-3.3(c)(44)	0.01	0.03	-	-	-	-	-	-	0.00	0.00	0.03	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Frac Tank #3	N	---	0.01	0.05	-	-	-	-	-	-	0.00	0.00	0.05	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-
Biotower Exhaust	N	---	0.004	0.007	-	-	-	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-
Tanks T-1111 / T-1112 [B]	Y	6 NYCRR 201-3.3(c)(44)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Filter Press	N	---	-	129.0	-	-	-	-	-	-	-	-	129.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-710 [D]	Y	6 NYCRR 201-3.2(c)(25)	3.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-810 [D]	Y	6 NYCRR 201-3.2(c)(25)	3.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-820 [D]	Y	6 NYCRR 201-3.2(c)(25)	3.5	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T-830/T-840 Ferrous Sulfate Tanks [B]	Y	6 NYCRR 201-3.2(c)(25)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-850 [D]	Y	6 NYCRR 201-3.2(c)(25)	0.0	0.0	-	-	-	4.4	4.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-58 [B]	N	---	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-125 [B]	N	---	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fac Pond 1 & 2 [B]	N	---	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-910 [B]	Y	6 NYCRR 201-3.2(c)(25)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-1310 [B]	Y	6 NYCRR 201-3.3(c)(44)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tank T-1410 [B]	Y	6 NYCRR 201-3.2(c)(25)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Drum Storage Building Ventilation [B]	Y	6 NYCRR 201-3.3(c)(5)(ii)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCB Drum Building Ventilation [B]	Y	6 NYCRR 201-3.3(c)(5)(ii)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.7 MMBtu/hr Fuel Oil Boiler	N	---	19.1	-	378.0	1,512.0	2,147.0	75.6	75.6	-	-	-	-	-	-	-	-	-	1,685,880	3.93	19.66	-	-	-	-	-
5.23 MMBtu/hr Fuel Oil Boiler	Y	6 NYCRR 201-3.2(c)(1)(i)	41.4	-	821.3	3,285.0	4,664.7	164.3	164.3	-	-	-	-	-	-	-	-	-	3,662,775	8.54	42.71	-	-	-	-	-
0.101 MMBtu/hr Fuel Oil Boiler	Y	6 NYCRR 201-3.2(c)(1)(i)	0.8	-	15.9	63.4	90.1	3.2	3.2	-	-	-	-	-	-	-	-	-	70,716	0.16	0.82	-	-	-	-	-
0.506 MMBtu/hr Propane Boiler	Y	6 NYCRR 201-3.2(c)(1)(i)	24.4	-	182.7	316.6	0.5	17.0	17.0	-	-	-	-	-	-	-	-	-	304,434	4.87	21.92	-	-	-	-	-
1.34 MMBtu/hr Propane Boiler	Y	6 NYCRR 201-3.2(c)(1)(i)	64.5	-	483.7	838.5	1.3	45.1	45.1	-	-	-	-	-	-	-	-	-	806,209	12.90	58.05	-	-	-	-	-
2 - 0.16 MMBtu/hr Propane Heaters	Y	6 NYCRR 201-3.2(c)(1)(i)	15.4	-	115.5	200.2	0.3	10.8	10.8	-	-	-	-	-	-	-	-	-	192,527	3.08	13.86	-	-	-	-	-
2 - 4 MMBtu/hr Propane Heaters	Y	6 NYCRR 201-3.2(c)(1)(i)	192.5	-	1,444.0	2,502.9	3.9	134.8	134.8	-	-	-	-	-	-	-	-	-	2,406,593	38.51	173.27	-	-	-	-	-
2 - 0.4 MMBtu/hr Propane Heaters	Y	6 NYCRR 201-3.2(c)(1)(i)	38.5	-	288.8	500.6	0.8	27.0	27.0	-	-	-	-	-	-	-	-	-	481,319	7.70	34.65	-	-	-	-	-
Diesel Engine	Y	6 NYCRR 201-3.2(c)(3)(ii)	11.2	-	30.0	139.1	9.2	9.9	9.9	-	-	-	-	-	-	-	-	-	5,161.2	-	-	-	-	-	-	-
Laboratory Emissions	Y	6 NYCRR 201-3.2(c)(40)	777.3	785.9	-	-	-	58.5	58.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Safety Kleen Parts Washer [B]	Y	6 NYCRR 201-3.2(c)(39)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Septic Tanks [B]	Y	6 NYCRR 201-3.3(c)(39)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
T-27 20,000 gal Fuel Oil Tank	Y	6 NYCRR 201-3.2(c)(21)	9.6	9.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Propane Storage Tanks [A]	Y	6 NYCRR 201-3.3(c)(79)	0.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
275-gal Kerosene Tank	Y	6 NYCRR 201-3.3(c)(44)	0.03	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Two 1,000-gal Gasoline Tanks	Y	6 NYCRR 201-3.2(c)(25)	154.4	154.4	-	-	-	-	-	-	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,000-gal Diesel Fuel Tank	Y	6 NYCRR 201-3.2(c)(25)	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
117-gal Diesel Fuel Tank	Y	6 NYCRR 201-3.2(c)(25)	0.03	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
325-gal Engine Oil Tank	Y	6 NYCRR 201-3.2(c)(25)	23.8	23.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
325-gal Engine Oil Tank	Y	6 NYCRR 201-3.2(c)(25)	23.8	23.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
270-gal Engine Oil Tank	Y	6 NYCRR 201-3.2(c)(25)	2.4	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,500-gal Fuel Oil Tank	Y	6 NYCRR 201-3.2(c)(25)	0.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fuel Transfer Operation	Y	6 NYCRR 201-3.3(c)(67)	3,200.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 1

FACILITY EMISSION SUMMARY
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Emission Source	Exempt/ Trivial	Exempt / Trivial Basis	VOC	HAP	CO	NOx	SO_2	PM-10	PM-2.5	Carbon Tetrachloride	Chloroform	Benzene	Methylene Chloride	TCE	Acrylonitrile	Pesticides, Herbicides, Insecticides	PCBs	POM	CO_2	CH_4	N_2O	Arsenic	Cadmium	Chromium	Manganese	Nickel
			Emissions (lb/year)																							
Drum Sampling	Y	6 NYCRR 201-3.3(c)(5)(i)	420.0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTALS (lb/year)			**5,494.5**	**1,615.7**	**3,759.7**	**9,358.3**	**6,917.7**	**14,868.3**	**11,301.7**	**0.3**	**6.7**	**8.5**	**373.8**	**23.3**	**0.07**	**0.2**	**14.0**	**2.1**	**9,615,614.6**	**79.7**	**364.9**	**0.0**	**0.0**	**0.1**	**0.0**	**1.0**
TOTALS (TPY)			**2.7**	**0.8**	**1.9**	**4.7**	**3.5**	**7.4**	**5.7**	**0.00**	**0.00**	**0.00**	**0.19**	**0.01**	**0.00**	**0.00**	**0.01**	**0.00**	**4,807.81**	**0.04**	**0.18**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
MFR Threshold			25 TPY	12.5 TPY	50.0 TPY	50.0 TPY	50.0 TPY	50.0 TPY	50.0 TPY	100 lb/yr	100 lb/yr	100 lb/yr	5,000 lb/yr	1,000 lb/yr	25 lb/yr	0 lb/yr	0.1 lb/yr	1 lb/yr	50,000 TPY	-	-	1 lb/yr	25 lb/yr	250 lb/yr	10 lb/yr	10 lb/yr

Notes:

A There are no emissions from these tanks because they are sealed vessels with no vent to the atmosphere
B These sources either do not have quantifiable emissions and/or do not emit regulated air pollutants
C Tank T-101 is on standby for RMU-1 leachate; assume emissions are equal to Tank T-102
D Referenced from April 2006 Emission Inventory
E PCB compounds are not included in the USEPA TANKS 4.0.9d program and could not be modeled; it is assumed that PCB emissions from these storage tanks are negligible

TABLE 2

LANDFILL STANDPIPE AND SIDESLOPE RISER DIAMETERS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Standpipe #	Internal Pipe Dimension (in.)	Internal Pipe Dimensions Sideslope Risers (in.)	Internal Pipe Dimensions Landfill Secondaries (in.)
SLF 1-6			
1	24	N/A	N/A
2	8	N/A	N/A
3	8	N/A	N/A
4	24	N/A	N/A
5	8	N/A	N/A
6	24	N/A	N/A
7	8	N/A	N/A
8	24	N/A	N/A
9	24	N/A	N/A
10	8	N/A	N/A
12	24	N/A	N/A
13	30	N/A	N/A
14	24	N/A	N/A
15	30	N/A	N/A
16	24	N/A	N/A
17	8	N/A	N/A
18	30	N/A	N/A
19	30	N/A	N/A
20	30	N/A	N/A
21	30	N/A	N/A
22	24	N/A	N/A
23	24	N/A	N/A
24	30	N/A	N/A
25	30	N/A	N/A
SLF 7			
26	24	N/A	N/A
27	24	N/A	N/A
28	24	N/A	N/A
29	24	N/A	N/A
30	24	N/A	N/A
31	24	N/A	N/A
SLF 10			
32	48	N/A	N/A
33	48	N/A	N/A
34	48	N/A	N/A
35	48	N/A	N/A
36	48	N/A	N/A

TABLE 2

LANDFILL STANDPIPE AND SIDESLOPE RISER DIAMETERS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Standpipe #	Internal Pipe Dimension (in.)	Internal Pipe Dimensions Sideslope Risers (in.)	Internal Pipe Dimensions Landfill Secondaries (in.)
SLF 11			
37	48	N/A	N/A
38	48	N/A	N/A
39	48	N/A	N/A
40	48	N/A	N/A
41	48	N/A	21
42	48	N/A	21
43	48	N/A	21
44	48	N/A	21
45	26	N/A	N/A
46	26	N/A	18
47	26	N/A	N/A
48	26	N/A	N/A
49	26	N/A	N/A
50	26	N/A	N/A
SLF 12			
51	19.5	19.5	N/A
52	19.5	19.5	N/A
53	19.5	19.5	N/A
54	19.5	19.5	N/A
RMU-1			
55	19.5	19.5	19.5
56	19.5	19.5	19.5
57	19.5	19.5	19.5
58	19.5	19.5	19.5
59	19.5	19.5	19.5
60	19.5	19.5	19.5
61	19.5	19.5	19.5
62	19.5	19.5	19.5
63	19.5	19.5	19.5
64	19.5	19.5	19.5

TABLE 3

ESTIMATED VOC AND HAP EMISSIONS FROM SLF 1-6 STANDPIPES (FROM AQUEOUS PORTION ONLY)
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [4] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [5]	Gas Diffusion Coefficient D_a [6] (m^2/h)	Atomic Volume for D_l Calculation [7] (cm^3/mol)	Liquid Diffusion Coefficient D_l [8] (m^2/h)	Schmidt Number S_c [9]	Reynolds Number R_e [9]	Sherwood Number S_h [9]	Total Surface Area [10] (m^2)	Char. Length [11] (m)	k_G [9] (m/h)	k_L [9] (m/h)	K_{OL} [9] (m/h)	Henry's Constant [12]	K_{OG} [9] (m/h)	Emissions [9] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Method 8260B VOCs																																	
1,1,1-Trichloroethane	71-55-6	X	X	133.4	3900	3,900,000	2	3	0	3	0	0	0	0	97.44	2.86E-02	105.50	3.51E-06	2.0	24,813.8	131.4	6.77	2.60	1.44	5.60E-03	5.57E-03	7.05E-01	7.90E-01	1.47E+05	3.24E-04	2.84	2.84	2.84
1,1,2-Trichloro-1,2,2-trichfluoroethane [1]	76-13-1	X		187.376	39	39,000	2	0	0	3	3	0	0	0	114.80	2.60E-02	120.50	3.24E-06	2.2	24,813.8	135.6	6.77	2.60	1.35	5.38E-03	5.38E-03	1.96E+01	2.75E-04	1.42E+03	3.13E-06	0.03	0.03	
1,1,2-Trichloroethane	79-00-5	X	X	133.4	4800	4,800,000	2	3	0	3	0	0	0	0	97.44	2.86E-02	105.50	3.51E-06	2.0	24,813.8	131.4	6.77	2.60	1.44	5.60E-03	5.07E-03	3.74E-02	1.36E-01	1.65E+05	3.63E-04	3.18	3.18	3.18
1,1-Dichloroethane	75-34-3	X	X	98.96	2700	2,700,000	2	4	0	2	0	0	0	0	79.92	3.20E-02	87.60	3.91E-06	1.8	24,813.8	126.5	6.77	2.60	1.56	5.91E-03	5.82E-03	2.30E-01	2.53E-02	1.06E+05	2.34E-04	2.05	2.05	2.05
1,1-Dichloroethene	75-35-4	X	X	96.94	410	410,000	2	2	0	2	0	0	0	0	75.96	3.27E-02	80.20	4.12E-06	1.7	24,813.8	125.6	6.77	2.60	1.58	6.07E-03	6.05E-03	1.06E+00	5.71E-03	1.68E+04	3.70E-05	0.32	0.32	0.32
1,2-Dibromoethane [2]	106-93-4	X	X	187.86	560	560,000	2	4	0	0	0	0	2	0	108.12	2.66E-02	98.40	3.65E-06	2.1	24,813.8	134.5	6.77	2.60	1.38	5.71E-03	5.03E-03	3.03E-02	1.66E-01	1.90E+04	4.20E-05	0.37	0.37	0.37
1,2-Dichloroethane	107-06-2	X	X	98.96	6900	6,900,000	2	4	0	2	0	0	0	0	79.92	3.20E-02	87.60	3.91E-06	1.8	24,813.8	126.5	6.77	2.60	1.56	5.91E-03	5.40E-03	4.01E-02	1.35E-01	2.52E+05	5.56E-04	4.87	4.87	4.87
1,4-Dioxane [3]	123-91-1	X	X	88.11	95000	95,000,000	4	8	2	0	0	0	0	0	72.80	3.37E-02	88.60	3.89E-06	1.7	24,813.8	124.4	6.77	2.60	1.61	5.89E-03	3.34E-04	2.20E-04	1.52E+00	2.15E+05	4.74E-04	4.15	4.15	4.15
Acetonitrile	75-05-8	X	X	41.05	6400	6,400,000	2	3	0	0	0	0	0	1	44.63	4.62E-02	56.30	5.08E-06	1.2	24,813.8	111.9	6.77	2.60	1.99	6.74E-03	1.65E-03	1.10E-03	1.50E+00	7.15E+04	1.58E-04	1.38	1.38	1.38
Acrylonitrile	107-13-1	X	X	53.06	160	160,000	3	3	0	0	0	0	0	1	61.13	3.89E-02	71.10	4.42E-06	1.5	24,813.8	118.5	6.77	2.60	1.77	6.29E-03	3.37E-03	4.10E-03	8.23E-01	3.65E+03	8.05E-06	0.07	0.07	0.07
Benzene [3]	71-43-2	X	X	78.11	920	920,000	6	6	0	0	0	0	0	0	90.88	3.12E-02	96	3.71E-06	1.8	24,813.8	127.5	6.77	2.60	1.53	5.76E-03	5.66E-03	2.28E-01	2.48E-02	3.53E+04	7.77E-05	0.68	0.68	0.68
Carbon disulfide	75-15-0	X	X	76.14	27	27,000	1	0	0	0	0	2	0	0	50.5	3.96E-02	66.00	4.62E-06	1.4	24,813.8	117.8	6.77	2.60	1.79	6.43E-03	6.41E-03	1.24E+00	5.17E-03	1.17E+03	2.58E-06	0.02	0.02	0.02
Chlorobenzene [3]	108-90-7	X	X	112.56	1000	1,000,000	6	5	0	1	0	0	0	0	108.4	2.78E-02	113.90	3.35E-06	2.0	24,813.8	132.6	6.77	2.60	1.42	5.47E-03	5.34E-03	1.52E-01	3.51E-02	3.61E+04	7.96E-05	0.70	0.70	0.70
Chloroethane	75-00-3	X	X	64.51	110	110,000	2	5	0	1	0	0	0	0	62.4	3.74E-02	69.70	4.48E-06	1.5	24,813.8	120.1	6.77	2.60	1.73	6.33E-03	6.26E-03	3.60E-01	1.74E-02	4.66E+03	1.03E-05	0.09	0.09	0.09
Chloroform	67-66-3	X	X	119.38	7800	7,800,000	1	1	0	3	0	0	0	0	76.98	3.18E-02	83.30	4.03E-06	1.8	24,813.8	126.7	6.77	2.60	1.55	6.00E-03	5.85E-03	1.50E-01	3.90E-02	3.09E+05	6.81E-04	5.96	5.96	5.96
Chloromethane	74-87-3	X	X	50.49	84	84,000	1	3	0	1	0	0	0	0	41.94	4.54E-02	47.50	5.61E-06	1.2	24,813.8	112.6	6.77	2.60	1.97	7.08E-03	7.01E-03	3.60E-01	1.95E-02	3.99E+03	8.79E-06	0.08	0.08	0.08
Dibromomethane [2]	74-95-3	X		173.83	3500	3,500,000	1	2	0	0	0	0	2	0	87.66	2.92E-02	76.20	4.25E-06	1.9	24,813.8	130.4	6.77	2.60	1.47	6.16E-03	5.51E-03	3.53E-02	1.56E-01	1.30E+05	2.87E-04	2.52	2.52	
Ethyl ether	60-29-7	X		74.12	9400	9,400,000	4	10	1	0	0	0	0	0	91.28	3.14E-02	103.6	3.54E-06	1.8	24,813.8	127.3	6.77	2.60	1.54	5.63E-03	5.25E-03	5.04E-02	1.04E-01	3.34E+05	7.36E-04	6.45	6.45	
Ethylbenzene [3]	100-41-4	X	X	106.17	170	170,000	8	10	0	0	0	0	0	0	131.8	2.57E-02	140.4	2.96E-06	2.2	24,813.8	136.1	6.77	2.60	1.34	5.15E-03	5.09E-03	3.21E-01	1.58E-02	5.85E+03	1.29E-05	0.11	0.11	0.11
Isobutanol	78-83-1	X		74.12	37000	37,000,000	4	10	1	0	0	0	0	0	91.28	3.14E-02	103.6	3.54E-06	1.8	24,813.8	127.3	6.77	2.60	1.54	5.63E-03	6.57E-04	4.84E-04	1.36E+00	1.64E+05	3.62E-04	3.18	3.18	
Tetrachloroethene	127-18-4		X	165.83	500	500,000	2	0	0	4	0	0	0	0	111	2.66E-02	116	3.32E-06	2.1	24,813.8	134.6	6.77	2.60	1.37	5.44E-03	5.42E-03	7.50E-01	7.22E-03	1.83E+04	4.04E-05	0.35		0.35
Toluene [3]	108-88-3	X	X	92.14	4800	4,800,000	7	8	0	0	0	0	0	0	111.34	2.81E-02	118.2	3.28E-06	2.0	24,813.8	132.1	6.77	2.60	1.43	5.41E-03	5.34E-03	2.71E-01	1.97E-02	1.73E+05	3.82E-04	3.35	3.35	3.35
trans-1,2-Dichloroethene	156-60-5	X		96.94	300	300,000	2	2	0	2	0	0	0	0	75.96	3.27E-02	80.2	4.12E-06	1.7	24,813.8	125.6	6.77	2.60	1.58	6.07E-03	6.01E-03	3.85E-01	1.56E-02	1.22E+04	2.69E-05	0.24	0.24	
Xylenes [3]	1330-20-7	X	X	106.16	820	820,000	8	10	0	0	0	0	0	0	131.8	2.57E-02	140.4	2.96E-06	2.2	24,813.8	136.1	6.77	2.60	1.34	5.15E-03	5.07E-03	2.56E-01	1.98E-02	2.81E+04	6.20E-05	0.54	0.54	0.54
Cyclohexanone [3]	108-94-1	X		98.15	2100	2,100,000	6	10	1	0	0	0	0	0	104.28	2.87E-02	118.2	3.28E-06	2.0	24,813.8	131.2	6.77	2.60	1.45	5.41E-03	6.29E-04	4.92E-04	1.28E+00	8.93E+03	1.97E-05	0.17	0.17	
1,1,2,2-Tetrachloroethane	79-34-5	X	X	167.85	12000	12,000,000	2	2	0	4	0	0	0	0	114.96	2.62E-02	123.4	3.20E-06	2.2	24,813.8	135.3	6.77	2.60	1.36	5.35E-03	4.18E-03	1.41E-02	2.97E-01	3.40E+05	7.48E-04	6.56	6.56	6.56
2-Butanone	78-93-3	X		72.11	550000	550,000,000	4	8	1	0	0	0	0	0	87.32	3.21E-02	96.2	3.70E-06	1.8	24,813.8	126.4	6.77	2.60	1.56	5.75E-03	2.20E-03	2.28E-03	9.64E-01	8.18E+06	1.80E-02	157.96	157.96	
4-Methyl-2-pentanone	108-10-1	X	X	100.16	79000	79,000,000	6	12	1	0	0	0	0	0	128.24	2.62E-02	140.6	2.96E-06	2.2	24,813.8	135.3	6.77	2.60	1.36	5.14E-03	3.08E-03	5.63E-03	5.47E-01	1.65E+06	3.63E-03	31.78	31.78	31.78
Acetone	67-64-1			58.08	740000	740,000,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	24,813.8	120.5	6.77	2.60	1.71	6.22E-03	1.89E-03	1.59E-03	1.19E+00	9.49E+06	2.09E-02	183.25		
Methylene Chloride	75-09-2		X	84.93	220000	220,000,000	1	2	0	2	0	0	0	0	59.46	3.67E-02	65.4	4.65E-06	1.5	24,813.8	120.9	6.77	2.60	1.70	6.45E-03	6.18E-03	8.93E-02	6.92E-02	9.21E+06	2.03E-02	177.78		177.78
Trichloroethene	79-01-6	X	X	131.39	13000	13,000,000	2	1	0	3	0	0	0	0	93.48	2.91E-02	98.1	3.66E-06	1.9	24,813.8	130.5	6.77	2.60	1.46	5.72E-03	5.67E-03	4.21E-01	1.35E-02	4.99E+05	1.10E-03	9.63	9.63	9.63
Method 8270C SVOCs																																	
1,2,4,5-Tetrachlorobenzene [3]	95-94-3	X		215.89	210	210,000	6	2	0	4	0	0	0	0	160.96	2.22E-02	167.6	2.67E-06	2.5	24,813.8	142.9	6.77	2.60	1.22	4.89E-03	4.71E-03	1.06E-01	4.45E-02	6.69E+03	1.47E-05	0.13	0.13	
2,4-Dichlorophenol [3]	120-83-2	X		163	1300	1,300,000	6	4	1	2	0	0	0	0	131.4	2.47E-02	139.2	2.98E-06	2.3	24,813.8	137.8	6.77	2.60	1.31	5.16E-03	1.64E-04	1.30E-04	1.27E+00	1.45E+03	3.19E-06	0.03	0.03	
2,4-Dimethylphenol [3]	105-67-9	X		122.16	2600	2,600,000	8	10	1	0	0	0	0	0	137.28	2.49E-02	147.8	2.87E-06	2.3	24,813.8	137.6	6.77	2.60	1.32	5.07E-03	1.06E-04	8.20E-05	1.29E+00	1.86E+03	4.10E-06	0.04	0.04	
2-Chlorophenol [3]	95-57-8	X		128.56	230	230,000	6	5	1	1	0	0	0	0	113.88	2.68E-02	121.3	3.23E-06	2.1	24,813.8	134.1	6.77	2.60	1.38	5.37E-03	4.92E-04	3.91E-04	1.26E+00	7.65E+02	1.69E-06	0.01	0.01	
2-Methylphenol [3]	95-48-7	X	X	108.14	2200	2,200,000	7	8	1	0	0	0	0	0	116.82	2.70E-02	125.6	3.16E-06	2.1	24,813.8	133.8	6.77	2.60	1.39	5.32E-03	6.75E-05	4.92E-05	1.37E+00	1.01E+03	2.22E-06	0.02	0.02	0.02
3-Methylphenol [3]	108-39-4	X	X	108.14	17000	17,000,000	7	8	1	0	0	0	0	0	116.82	2.70E-02	125.6	3.16E-06	2.1	24,813.8	133.8	6.77	2.60	1.39	5.32E-03	4.88E-05	3.547E-05	1.38E+00	5.62E+03	1.24E-05	0.11	0.11	0.11
4-Chloroaniline [3]	106-47-8	X		127.57	3000	3,000,000	6	6	0	1	0	0	0	1	116.07	2.67E-02	133.2	3.06E-06	2.1	24,813.8	134.5	6.77	2.60	1.38	5.23E-03	1.87E-05	1.36E-05	1.37E+00	3.79E+02	8.35E-07	0.01	0.01	
4-Methylphenol [3]	106-44-5	X	X	108.13	17000	17,000,000	7	8	1	0	0	0	0	0	116.82	2.70E-02	125.6	3.16E-06	2.1	24,813.8	133.8	6.77	2.60	1.39	5.32E-03	4.48E-05	3.25E-05	1.38E+00	5.15E+03	1.14E-05	0.10	0.10	0.10
Acetophenone [3]	98-86-2	X	X	120.15	3400	3,400,000	8	8	1	0	0	0	0	0	133.32	2.52E-02	140.4	2.96E-06	2.2	24,813.8	136.9	6.77	2.60	1.33	5.15E-03	5.24E-04	4.39E-04	1.19E+00	1.20E+04	2.66E-05	0.23	0.23	0.23
Aniline [3]	62-53-3	X	X	93.13	2200	2,200,000	6	7	0	0	0	0	0	1	98.55	2.95E-02	115.3	3.33E-06	1.9	24,813.8	129.9	6.77	2.60	1.47	5.45E-03	1.13E-04	0.0000779	1.44E+00	1.68E+03	3.69E-06	0.03	0.03	0.03
Diethyl phthalate [3]	84-66-2	X		222.24	270	270,000	12	14	4	0	0	0	0	0	227.64	1.90E-02	244	2.14E-06	3.0	24,813.8	150.6	6.77	2.60	1.10	4.37E-03	2.02E-05	1.845E-05	1.09E+00	3.68E+01	8.12E-08	0.00	0.00	
Dimethyl phthalate [3]	131-11-3	X	X	194.18	280	280,000	10	10	4	0	0	0	0	0	186.72	2.09E-02	199.6	2.41E-06	2.7	24,813.8	145.8	6.77	2.60	1.17	4.64E-03	5.04E-06	4.305E-06	1.17E+00	9.55E+00	2.11E-08	0.00	0.00	0.00
Pentachlorobenzene [3]	608-93-5	X		250.34	300	300,000	6	1	0	5	0	0	0	0	178.48	2.10E-02	185.5	2.51E-06	2.7	24,813.8	145.5	6.77	2.60	1.18	4.74E-03	4.16E-03	2.91E-02	1.43E-01	8.46E+03	1.86E-05	0.16	0.16	
Pyridine [3]	110-86-1	X		79.1	4600	4,600,000	5	5	0	0	0	0	0	1	78.09	3.32E-02	93.1	3.77E-06	1.7	24,813.8	125.0	6.77	2.60	1.59	5.81E-03	5.28E-04	3.64E-04	1.45E+00	1.64E+04	3.62E-05	0.32	0.32	
Phenol [3]	108-95-2	X	X	94.11	140000	140,000,000	6	6	1	0	0	0	0	0	96.36	2.98E-02	103.4	3.55E-06	1.9	24,813.8	129.6	6.77	2.60	1.48	5.63E-03	2.41E-05	1.63E-05	1.48E+00	2.28E+04	5.03E-05	0.44	0.44	0.44
Method 8015B - Nonhalogenated Organic Compounds																																	
Methanol	67-56-1	X	X	32.04	9.70E+05	970,000,000	1	4	1	0	0	0	0	0	29.9	5.65E-02	37	6.50E-06	1.0	24,813.8	104.6	6.77	2.60	2.27	7.62E-03	4.02E-04	1.87E-04	2.15E+00	2.64E+06	5.81E-03	50.94	50.94	50.94
Butyl alcohol, n-	71-36-3	X		74.12	290000	290,000,000	4	10	1	0	0	0	0	0	91.28	3.14E-02	103.6	3.54E-06	1.8	24,813.8	127.3	6.77	2.60	1.54	5.63E-03	5.05E-04	3.61E-04	1.40E+00	9.92E+05	2.19E-03	19.15	19.15	
Method 608 - Organochloride Pesticides in Water																																	
4,4'-DDD [3]	72-54-8	X		320.04	2.6	2,600	14	10	0	4	0	0	0	0	308.8	1.61E-02	315.6	1.84E-06	3.5	24,813.8	158.9	6.77	2.60	0.99	4.05E-03	1.56E-04	1.64E-04	9.48E-01	2.74E+00	6.03E-09	0.00005	0.00005	
4,4-DDT [3]	50-29-3	X		354.49	2.5	2,500	14	9	0	5	0	0	0	0	326.32	1.57E-02	333.5	1.78E-06	3.6	24,813.8	160.5	6.77	2.60	0.97	3.99E-03	2.97E-04	3.32E-04	8.94E-01	5.02E+00	1.11E-08	0.00010	0.00010	
alpha-BHC [3]	319-84-6	X		290.83	6.2	6,200	6	6	0	6	0	0	0	0	207.88	1.95E-02	225.6	2.24E-06	2.9	24,813.8	149.2	6.77	2.60	1.12	4.48E-03	4.38E-04	4.35E-04	1.01E+00	1.84E+01	4.05E-08	0.00036	0.00036	
beta-BHC [3]	319-85-7	X		290.83	13	13,000	6	6	0	6	0	0	0	0	207.88	1.95E-02	225.6	2.24E-06	2.9	24,813.8	149.2	6.77	2.60	1.12	4.48E-03	3.38E-05	3.046E-05	1.11E+00	2.97E+00	6.56E-09	0.00006	0.00006	
delta-BHC [3]	319-86-8	X		290.83	14	14,000	6	6	0	6	0	0	0	0	207.88	1.95E-02	225.6	2.24E-06	2.9	24,813.8	149.2	6.77	2.60	1.12	4.48E-03	1.96E-05	1.759E-05	1.11E+00	1.86E+00	4.09E-09	0.00004	0.00004	
Endrin [3]	72-20-8	X		380.91	1.4	1,400	12	8	1	6	0	0	0	0	316.32	1.58E-02	329.2	1.79E-06	3.6	24,813.8	159.9	6.77	2.60	0.97	4.00E-03	2.79E-04	3.08E-04	9.06E-01	2.65E+00	5.84E-09	0.00005	0.00005	
Lindane [3]	58-89-9	X	X	290.83	14	14,000	6	6	0	6	0	0	0	0	207.88	1.95E-02	225.6	2.24E-06	2.9	24,813.8	149.2	6.77	2.60	1.12	4.48E-03	5.61E-04	5.74E-04	9.78E-01	5.32E+01	1.17E-07	0.00103	0.00103	0.00103
Method 8151A - Herbicides																																	
2,4-D [3]	94-75-7	X		221.04	1300	1,300,000	8	6	3	2	0	0	0	0	179.32	2.11E-02	191	2.47E-06	2.7	24,813.8	145.3	6.77	2.60	1.18	4.70E-03	4.94E-07	4.18E-07	1.18E+00	4.34E+00	9.57E-09	0.00008	0.00008	
Method 8280A - Dioxins and Furans																																	
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin [3]	35822-46-9	X		425.31	2.4	2,400	12	1	2	7	0	0	0	0	327.44	1.55E-02	332.3	1.78E-06	3.6	24,813.8	161.0	6.77	2.60	0.96	3.99E-03	7.07E-04	8.94E-04	7.91E-01	1.15E+01	2.53E-08	0.00022	0.00022	
OCDD [3]	3268-87-9	X		459.75	1.5	1,500	12	0	2	8	0	0	0	0	344.96	1.51E-02	350.2	1.73E-06	3.7	24,813.8	162.4	6.77	2.60	0.94	3.93E-03	2.43E-04	2.75E-04	8.85E-01	2.47E+00	5.44E-09	0.00005	0.00005	
OCDF [3, 13]	39001-02-0	X		443.75	1.3	1,300	12	0	1	8	0	0	0	0	339.48	1.52E-02	342.8	1.75E-06	3.7	24,813.8	162.0	6.77	2.60	0.95	3.96E-03	2.45E-04	2.75E-04	8.91E-01	2.15E+00	4.74E-09	0.00004	0.00004	
PCBs (from Tank T-130 sample)																																	
Aroclor 1242 [3]	53469-21-9	X	X	291.99	2810	2,810,000	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	24,813.8	155.2	6.77	2.60	1.03	4.24E-03	2.78E-03	7.79E-03	3.57E-01	5.28E+04	1.16E-04	1.02	1.02	1.02
Aroclor 1254 [3]	11097-69-1	X	X	326.44	795	795,000	12	5	0	5	0	0	0	0	285.4	1.67E-02	289.1	1.94E-06	3.4	24,813.8	157.0	6.77	2.60	1.01	4.16E-03	2.72E-03	7.79E-03	3.49E-01	1.46E+04	3.23E-05	0.28	0.28	0.28
Aroclor 1260 [3]	11096-82-5	X	X	395.33	690	690,000	12	3	0	7	0	0	0	0	320.44	1.57E-02	324.9	1.81E-06	3.6	24,813.8	160.3	6.77	2.60	0.97	4.02E-03	3.09E-03	1.38E-02	2.24E-01	1.44E+04	3.18E-05	0.28	0.28	0.28
																														TOTALS		**322.57**	**310.32**

Notes:

1 No value of atomic diffusion volume provided for fluorine atom; assumed total value of 114.8 for CCl_3F_2 to calculate air diffusivity
2 No value of atomic diffusion volume provided for bromine atom; referenced value of 67.2 for bromine molecule (2 bonded bromine atoms) to calculate air diffusivity
3 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)
4 Analytical results from sample taken at Tank 103 on March 21, 2013
5 Method for calculating total diffusion volume for air taken from Fuller et al., 1966
6 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008
7 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915
8 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012
9 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002
10 Total surface area of all standpipes in SLF 1-6 calculated as follows: (Pi) x ([(6 standpipes) x (0.102 m radius)^2] + [(10 standpipes) x (0.305 m radius)^2] + [(8 standpipes) x (0.381 m radius)^2]) = 6.77 m^2
11 Characteristic length calculated as the square root of the total surface area
12 Referenced materials provided on USEPA website and CHEMFATE provided by SRC
13 Henry's constant could not be located for OCDF; assumed value for OCDD

TABLE 4

ESTIMATED LIGHT NON-AQUEOUS PHASE LIQUID EMISSIONS FROM SLF 1-6 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Annual Leachate Collected From SLF 1-6 =	500,000	gallons / year
LNAPL Portion =	12,500	gallons / year (2.5% of total leachate)
LNAPL Portion =	47,318	liters / year (2.5% of total leachate)
Amount Volatilized =	1%	(for PCBs, pesticides or PAHs)
Amount Volatilized =	1%	(for compounds that are not PCBs, pesticides or PAHs)

Detected Compounds	CAS Number	VOC	HAP	Light Oil Composition [1] (ug/L)	Maximum Emissions [2] (lb/year)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Acetone	67-64-1			340,000	0.4		
Anthracene	120-12-7	X		38,000	0.0	0.0	
Benzene	71-43-2	X	X	86,000	0.1	0.1	0.1
Bis(2-ethylhexyl)phthalate	117-81-7	X	X	730,000	0.8	0.8	0.8
2-Butanone	78-93-3	X		980,000	1.0	1.0	
Butyl benzyl Phthalate	85-68-7	X		35,000	0.0	0.0	
Carbon Tetrachloride	56-23-5	X	X	250,000	0.3	0.3	0.3
Chlorobenzene	108-90-7	X	X	2,200,000	2.3	2.3	2.3
Chloroform	67-66-3	X	X	570,000	0.6	0.6	0.6
1,1-Dichloroethane	75-34-3	X	X	88,000	0.1	0.1	0.1
1,2-Dichloroethane	107-06-2	X	X	200,000	0.2	0.2	0.2
Diethlyphthalate	84-66-2	X		90,000	0.1	0.1	
Di-n-Butyl phthalate	84-74-2	X		340,000	0.4	0.4	
Ethylbenzene	100-41-4	X	X	1,600,000	1.7	1.7	1.7
Methylene Chloride	75-09-2		X	5,400,000	5.6		5.6
4-Methyl-2-pentanone	108-10-1	X	X	1,700,000	1.8	1.8	1.8
Naphthalene	91-20-3	X	X	1,100,000	1.1	1.1	1.1
PCB-1242	53469-21-9	X	X	4,100,000	4.3	4.3	4.3
PCB-1254	11097-69-1	X	X	1,400,000	1.5	1.5	1.5
Phenol	108-95-2	X	X	490,000	0.5	0.5	0.5
Phenanthrene	85-01-8	X		98,000	0.1	0.1	
1,1,2,2-Tetrachloroethane	79-34-5	X	X	6,800,000	7.1	7.1	7.1
Tetrachloroethene	127-18-4	X	X	4,100,000	4.3	4.3	4.3
Toluene	108-88-3	X	X	6,500,000	6.8	6.8	6.8
1,2,4-Trichlorobenzene	120-82-1	X	X	4,800,000	5.0	5.0	5.0
1,1,1-Trichloroethane	71-55-6	X	X	6,300,000	6.6	6.6	6.6
1,1,2-Trichloroethane	79-00-5	X	X	290,000	0.3	0.3	0.3
Trichloroethene	79-01-6	X	X	12,000,000	12.5	12.5	12.5
Xylenes	1330-20-7	X	X	8,900,000	9.3	9.3	9.3
					TOTALS	**69**	**73**

Notes:

1 Referenced from study of SLF 1-6 Leachate conducted in 1994 (represents profile of light oil phase only)

2 Assumes 1% volatilization

TABLE 5
ESTIMATED VOC AND HAP EMISSIONS FROM SLF 7 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [2] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [3]	Gas Diffusion Coefficient D_a [4] (m^2/h)	Atomic Volume for D_l Calculation [5] (cm^3/mol)	Liquid Diffusion Coefficient D_l [6] (m^2/h)	Schmidt Number S_c [7]	Reynolds Number R_e [7]	Sherwood Number S_h [7]	Total Surface Area [8] (m^2)	Char. Length [9] (m)	k_G [7] (m/h)	k_L [7] (m/h)	K_{OL} [7] (m/h)	Henry's Constant [10]	K_{OG} [7] (m/h)	Emissions [7] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Chloromethane	74-87-3	X	X	50.49	5000	5,000,000	1	3	0	1	0	0	0	0	41.94	4.54E-02	47.50	5.61E-06	1.2	12,631.3	80.3	1.75	1.32	2.75	7.08E-03	7.03E-03	3.60E-01	1.95E-02	6.17E+04	1.36E-04	1.19	1.19	1.19
Toluene [1]	108-88-3	X	X	92.14	5990	5,990,000	7	8	0	0	0	0	0	0	111.34	2.81E-02	118.2	3.28E-06	2.0	12,631.3	94.3	1.75	1.32	2.00	5.41E-03	5.36E-03	2.71E-01	1.98E-02	5.63E+04	1.24E-04	1.09	1.09	1.09
Xylenes [1]	1330-20-7	X	X	106.16	17600	17,600,000	8	10	0	0	0	0	0	0	131.8	2.57E-02	140.4	2.96E-06	2.2	12,631.3	97.1	1.75	1.32	1.88	5.15E-03	5.09E-03	2.56E-01	1.99E-02	1.57E+05	3.46E-04	3.04	3.04	3.04
2-Butanone	78-93-3	X		72.11	179000	179,000,000	4	8	1	0	0	0	0	0	87.32	3.21E-02	96.2	3.70E-06	1.8	12,631.3	90.2	1.75	1.32	2.19	5.75E-03	2.67E-03	2.28E-03	1.17E+00	8.38E+05	1.85E-03	16.19	16.19	
Acetone	67-64-1			58.08	180000	180,000,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	12,631.3	86.0	1.75	1.32	2.40	6.22E-03	2.37E-03	1.59E-03	1.49E+00	7.47E+05	1.65E-03	14.42			
Methylene Chloride	75-09-2		X	84.93	167000	167,000,000	1	2	0	2	0	0	0	0	59.46	3.67E-02	65.4	4.65E-06	1.5	12,631.3	86.2	1.75	1.32	2.39	6.45E-03	6.26E-03	8.93E-02	7.01E-02	1.83E+06	4.04E-03	35.38		35.38
Aroclor 1242 [1]	53469-21-9	X	X	291.99	480	480,000	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	12,631.3	110.7	1.75	1.32	1.45	4.24E-03	3.08E-03	7.79E-03	3.96E-01	2.59E+03	5.72E-06	0.05	0.05	0.05
																															TOTALS	**21.55**	**40.74**

Notes:

1 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)
2 Sample results provided by CWM Chemical Services, LLC
3 Method for calculating total diffusion volume for air taken from Fuller et al., 1966
4 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008
5 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915
6 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012
7 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002
8 Total surface area of all standpipes in SLF 7 calculated as follows: (6 standpipes) x (Pi) x (0.305 m radius)^2 = 1.75 m^2
9 Characteristic length calculated as the square root of the total surface area
10 Referenced materials provided on USEPA website and CHEMFATE provided by SRC

TABLE 6

ESTIMATED VOC AND HAP EMISSIONS FROM SLF 10 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [1] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [2]	Gas Diffusion Coefficient D_a [3] (m^2/h)	Atomic Volume for D_l Calculation [4] (cm^3/mol)	Liquid Diffusion Coefficient D_l [5] (m^2/h)	Schmidt Number S_c [6]	Reynolds Number R_e [6]	Sherwood Number S_h [6]	Total Surface Area [7] (m^2)	Char. Length [8] (m)	k_G [6] (m/h)	k_L [6] (m/h)	K_{OL} [6] (m/h)	Henry's Constant [9]	K_{OC} [6] (m/h)	Emissions [6] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Chloromethane	74-87-3	X	X	50.49	5000	5,000,000	1	3	0	1	0	0	0	0	41.94	4.54E-02	47.50	5.61E-06	1.2	23,061.6	108.5	5.84	2.42	2.04	7.08E-03	7.01E-03	3.60E-01	1.95E-02	2.05E+05	4.52E-04	3.96	3.96	3.96
4-Methyl-2-pentanone	108-10-1	X	X	100.16	11900	11,900,000	6	12	1	0	0	0	0	0	128.24	2.62E-02	140.6	2.96E-06	2.2	23,061.6	130.4	5.84	2.42	1.41	5.14E-03	3.12E-03	5.63E-03	5.55E-01	2.17E+05	4.79E-04	4.20	4.20	4.20
2-Butanone	78-93-3	X		72.11	50300	50,300,000	4	8	1	0	0	0	0	0	87.32	3.21E-02	96.2	3.70E-06	1.8	23,061.6	121.8	5.84	2.42	1.62	5.75E-03	2.25E-03	2.28E-03	9.86E-01	6.61E+05	1.46E-03	12.76	12.76	
Acetone	67-64-1			58.08	236000	236,000,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	23,061.6	116.2	5.84	2.42	1.78	6.22E-03	1.94E-03	1.59E-03	1.22E+00	2.68E+06	5.91E-03	51.77			
Methylene Chloride	75-09-2		X	84.93	24900	24,900,000	1	2	0	2	0	0	0	0	59.46	3.67E-02	65.4	4.65E-06	1.5	23,061.6	116.5	5.84	2.42	1.77	6.45E-03	6.19E-03	8.93E-02	6.93E-02	9.01E+05	1.99E-03	17.41		17.41	
Aroclor 1242 [10]	53469-21-9	X	X	291.99	2810	2,810,000	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	23,061.6	149.6	5.84	2.42	1.07	4.24E-03	2.81E-03	7.79E-03	3.61E-01	4.62E+04	1.02E-04	0.89	0.89	0.89
Aroclor 1254 [10]	11097-69-1	X	X	326.44	795	795,000	12	5	0	5	0	0	0	0	285.4	1.67E-02	289.1	1.94E-06	3.4	23,061.6	151.4	5.84	2.42	1.05	4.16E-03	2.76E-03	7.79E-03	3.54E-01	1.28E+04	2.82E-05	0.25	0.25	0.25
																															TOTALS	**22.05**	**26.70**

Notes:

1 Sample results provided by CWM Chemical Services, LLC

2 Method for calculating total diffusion volume for air taken from Fuller et al., 1966

3 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008

4 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915

5 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012

6 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002

7 Total surface area of all standpipes in SLF 10 calculated as follows: (5 standpipes) x (Pi) x (0.610 m radius)^2 = 5.84 m^2

8 Characteristic length calculated as the square root of the total surface area

9 Referenced materials provided on USEPA website and CHEMFATE provided by SRC

10 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)

TABLE 7

ESTIMATED VOC AND HAP EMISSIONS FROM SLF 11 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [1] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [2]	Gas Diffusion Coefficient D_a [3] (m^2/h)	Atomic Volume for D_l Calculation [4] (cm^3/mol)	Liquid Diffusion Coefficient D_l [5] (m^2/h)	Schmidt Number S_c [6]	Reynolds Number R_e [6]	Sherwood Number S_h [6]	Total Surface Area [7] (m^2)	Char. Length [8] (m)	k_G [6] (m/h)	k_L [6] (m/h)	K_{OL} [6] (m/h)	Henry's Constant [9]	K_{OC} [6] (m/h)	Emissions [6] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Chloromethane	74-87-3	X	X	50.49	1000	1,000,000	1	3	0	1	0	0	0	0	41.94	4.54E-02	47.50	5.61E-06	1.2	33,678.2	131.1	12.47	3.53	1.69	7.08E-03	7.00E-03	3.60E-01	1.94E-02	8.73E+04	1.92E-04	1.69	1.69	1.69
4-Methyl-2-pentanone	108-10-1	X	X	100.16	2580	2,580,000	6	12	1	0	0	0	0	0	128.24	2.62E-02	140.6	2.96E-06	2.2	33,678.2	157.6	12.47	3.53	1.17	5.14E-03	2.89E-03	5.63E-03	5.13E-01	9.28E+04	2.05E-04	1.79	1.79	1.79
2-Butanone	78-93-3	X		72.11	14100	14,100,000	4	8	1	0	0	0	0	0	87.32	3.21E-02	96.2	3.70E-06	1.8	33,678.2	147.2	12.47	3.53	1.34	5.75E-03	1.99E-03	2.28E-03	8.75E-01	3.51E+05	7.73E-04	6.77	6.77	
Acetone	67-64-1			58.08	32000	32,000,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	33,678.2	140.4	12.47	3.53	1.47	6.22E-03	1.70E-03	1.59E-03	1.07E+00	6.78E+05	1.49E-03	13.10			
Aroclor 1242 [10]	53469-21-9	X	X	291.99	457	457,000	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	33,678.2	180.8	12.47	3.53	0.89	4.24E-03	2.63E-03	7.79E-03	3.37E-01	1.50E+04	3.30E-05	0.29	0.29	0.29
Aroclor 1254 [10]	11097-69-1	X	X	326.44	1590	1,590,000	12	5	0	5	0	0	0	0	285.4	1.67E-02	289.1	1.94E-06	3.4	33,678.2	182.9	12.47	3.53	0.87	4.16E-03	2.57E-03	7.79E-03	3.31E-01	5.10E+04	1.13E-04	0.99	0.99	0.99
Aroclor 1260 [10]	11096-82-5	X	X	395.33	892	892,000	12	3	0	7	0	0	0	0	320.44	1.57E-02	324.9	1.81E-06	3.6	33,678.2	186.7	12.47	3.53	0.83	4.02E-03	2.98E-03	**1.38E-02**	2.16E-01	3.31E+04	7.30E-05	0.64	0.64	0.64
																															TOTALS	**12.16**	**5.39**

Notes:

1 Sample results provided by CWM Chemical Services, LLC
2 Method for calculating total diffusion volume for air taken from Fuller et al., 1966
3 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008
4 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915
5 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012
6 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002
7 Total surface area of all standpipes in SLF 11 calculated as follows: (Pi) x ([(1 standpipes) x (0.229 m radius)^2] + [(4 standpipes) x (0.267 m radius)^2] + [(6 standpipes) x (0.330 m radius)^2]) + [(8 standpipes) x (0.610 m radius)^2]) = 12.47 m^2
8 Characteristic length calculated as the square root of the total surface area
9 Referenced materials provided on USEPA website and CHEMFATE provided by SRC
10 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)

TABLE 8

ESTIMATED VOC AND HAP EMISSIONS FROM SLF 12 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [1] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [2]	Gas Diffusion Coefficient D_a [3] (m^2/h)	Atomic Volume for D_l Calculation [4] (cm^3/mol)	Liquid Diffusion Coefficient D_l [5] (m^2/h)	Schmidt Number S_c [6]	Reynolds Number R_e [6]	Sherwood Number S_h [6]	Total Surface Area [7] (m^2)	Char. Length [8] (m)	k_G [6] (m/h)	k_L [6] (m/h)	K_{OL} [6] (m/h)	Henry's Constant [9]	K_{OC} [6] (m/h)	Emissions [6] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
Chloromethane	74-87-3	X	X	50.49	20	20,000	1	3	0	1	0	0	0	0	41.94	4.54E-02	47.50	5.61E-06	1.2	11,859.6	77.8	1.55	1.24	2.84	7.08E-03	7.03E-03	3.60E-01	1.95E-02	2.17E+02	4.79E-07	0.00	0.00	0.00
Acetone	67-64-1			58.08	362	362,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	11,859.6	83.3	1.55	1.24	2.48	6.22E-03	2.41E-03	1.59E-03	1.52E+00	1.35E+03	2.98E-06	0.03			
Aroclor 1242 [10]	53469-21-9	X	X	291.99	226	226,000	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	11,859.6	107.3	1.55	1.24	1.50	4.24E-03	3.11E-03	7.79E-03	3.99E-01	1.09E+03	2.39E-06	0.02	0.02	0.02
Aroclor 1254 [10]	11097-69-1	X	X	326.44	289	289,000	12	5	0	5	0	0	0	0	285.4	1.67E-02	289.1	1.94E-06	3.4	11,859.6	108.5	1.55	1.24	1.46	4.16E-03	3.05E-03	7.79E-03	3.91E-01	1.36E+03	3.00E-06	0.03	0.03	0.03
Aroclor 1260 [10]	11096-82-5	X	X	395.33	227	227,000	12	3	0	7	0	0	0	0	320.44	1.57E-02	324.9	1.81E-06	3.6	11,859.6	110.8	1.55	1.24	1.40	4.02E-03	3.33E-03	1.38E-02	2.42E-01	1.17E+03	2.57E-06	0.02	0.02	0.02
																															TOTALS	**0.07**	**0.07**

Notes:

1 Sample results provided by CWM Chemical Services, LLC
2 Method for calculating total diffusion volume for air taken from Fuller et al., 1966
3 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008
4 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915
5 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012
6 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002
7 Total surface area of all standpipes in SLF 12 calculated as follows: (8 standpipes) x (Pi) x (0.248 m radius)^2 = 1.55 m^2
8 Characteristic length calculated as the square root of the total surface area
9 Referenced materials provided on USEPA website and CHEMFATE provided by SRC
10 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)

TABLE 9

ESTIMATED VOC AND HAP EMISSIONS FROM RMU-1 STANDPIPES
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight	Leachate Concentration [2]	Leachate Concentration	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [3]	Gas Diffusion Coefficient D_a [4]	Atomic Volume for D_l Calculation [5]	Liquid Diffusion Coefficient D_l [6]	Schmidt Number S_c [7]	Reynolds Number R_e [7]	Sherwood Number S_h [7]	Total Surface Area [8]	Char. Length [9]	k_G [7]	k_L [7]	K_{OL} [7]	Henry's Constant [10]	K_{OG} [7]	Emissions [7]	Emissions	Emissions	VOC Emissions	HAP Emissions
				(g/mol)	(ug/L)	(ug/m^3)										(m^2/h)	(cm^3/mol)	(m^2/h)				(m^2)	(m)	(m/h)	(m/h)	(m/h)		(m/h)	(ug/hr)	(lb/hr)	(lb/yr)	(lb/yr)	(lb/yr)
Carbon disulfide	75-15-0	X	X	76.14	1090	1,090,000	1	0	0	0	0	2	0	0	50.5	3.96E-02	66.00	4.62E-06	1.4	22,966.1	113.3	5.80	2.41	1.87	6.43E-03	6.41E-03	1.24E+00	5.17E-03	4.05E+04	8.93E-05	0.78	0.78	0.78
Toluene [1]	108-88-3	X	X	92.14	1120	1,120,000	7	8	0	0	0	0	0	0	111.34	2.81E-02	118.2	3.28E-06	2.0	22,966.1	127.1	5.80	2.41	1.48	5.41E-03	5.34E-03	2.71E-01	1.97E-02	3.47E+04	7.65E-05	0.67	0.67	0.67
2-Butanone	78-93-3	X		72.11	4880	4,880,000	4	8	1	0	0	0	0	0	87.32	3.21E-02	96.2	3.70E-06	1.8	22,966.1	121.6	5.80	2.41	1.62	5.75E-03	2.25E-03	2.28E-03	9.87E-01	6.37E+04	1.40E-04	1.23	1.23	
4-Methyl-2-pentanone	108-10-1	X	X	100.16	470	470,000	6	12	1	0	0	0	0	0	128.24	2.62E-02	140.6	2.96E-06	2.2	22,966.1	130.1	5.80	2.41	1.41	5.14E-03	3.13E-03	5.63E-03	5.55E-01	8.52E+03	1.88E-05	0.16	0.16	0.16
Acetone	67-64-1			58.08	114000	114,000,000	3	6	1	0	0	0	0	0	66.86	3.70E-02	74	4.32E-06	1.5	22,966.1	115.9	5.80	2.41	1.78	6.22E-03	1.95E-03	1.59E-03	1.22E+00	1.29E+06	2.84E-03	24.84			
Methylene Chloride	75-09-2		X	84.93	1780	1,780,000	1	2	0	2	0	0	0	0	59.46	3.67E-02	65.4	4.65E-06	1.5	22,966.1	116.3	5.80	2.41	1.77	6.45E-03	6.19E-03	8.93E-02	6.94E-02	6.39E+04	1.41E-04	1.23		1.23	
Vinyl Chloride	75-01-4	X	X	62.5	142	142,000	2	3	0	1	0	0	0	0	58.44	3.86E-02	62.3	4.78E-06	1.5	22,966.1	114.4	5.80	2.41	1.83	6.54E-03	6.52E-03	1.11E+00	5.87E-03	5.36E+03	1.18E-05	0.10	0.10	0.10
2,4-Dimethylphenol [1]	105-67-9	X		122.16	140	140,000	8	10	1	0	0	0	0	0	137.28	2.49E-02	147.8	2.87E-06	2.3	22,966.1	132.3	5.80	2.41	1.37	5.07E-03	1.10E-04	8.20E-05	1.34E+00	8.91E+01	1.96E-07	0.00	0.00		
4-Nitrophenol	100-02-7	X	X	139.11	500	500,000	6	5	3	0	0	0	0	1	111.03	2.70E-02	130.1	3.10E-06	2.1	22,966.1	128.9	5.80	2.41	1.44	5.26E-03	2.45E-08	1.70E-08	1.44E+00	7.11E-02	1.57E-10	0.00	0.00	0.00
Phenol [1]	108-95-2	X	X	94.11	1200	1,200,000	6	6	1	0	0	0	0	0	96.36	2.98E-02	103.4	3.55E-06	1.9	22,966.1	124.7	5.80	2.41	1.54	5.63E-03	2.50E-05	1.63E-05	1.53E+00	1.74E+02	3.84E-07	0.00	0.00	0.00
Aroclor 1242 [1]	53469-21-9	X	X	291.99	29.6	29,600	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3	22,966.1	149.3	5.80	2.41	1.07	4.24E-03	2.81E-03	7.79E-03	3.61E-01	4.83E+02	1.06E-06	0.01	0.01	0.01
Aroclor 1260 [1]	11096-82-5	X	X	395.33	112	112,000	12	3	0	7	0	0	0	0	320.44	1.57E-02	324.9	1.81E-06	3.6	22,966.1	154.2	5.80	2.41	1.01	4.02E-03	3.12E-03	1.38E-02	2.26E-01	2.02E+03	4.46E-06	0.04	0.04	0.04
																														TOTALS	**3.00**	**3.01**

Notes:

1 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)

2 Analytical results from multiple samples taken from: 1.) RMU-1 standpipes over a period of May 2006 through February 2013; 2.) Tank T-160 (RMU-1 lift station) over a period of January 31, 2012 through February 15, 2012; and 3.) Tank T-102 over a period of April 3, 2012 through April 17, 2013 (applied highest detected value for each compound in this column)

3 Method for calculating total diffusion volume for air taken from Fuller et al., 1966

4 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008

5 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915

6 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012

7 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002

8 Total surface area of all standpipes in RMU-1 calculated as follows: (30 standpipes) x (Pi) x (0.248 m radius)^2 = 5.80 m^2

9 Characteristic length calculated as the square root of the total surface area

10 Referenced materials provided on USEPA website and CHEMFATE provided by SRC

TABLE 10

TANK DIMENSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Tank ID#	*Height (ft.)*	*Diameter (ft.)*	*Volume (gal.)*	*Throughput (gal/yr.)*	*Avearage Operating Temperature (F)*	*Comments*
Frac Tank 3	11.00		21,000	20,000	50	Rectangular; 40' long by 8.5' wide
T-157	21.50	8.0	8,000	-		Tank out of service and closed
T-710	16.00	9.0	8,000	98,019	65	20% of 3 year ave of Bulk Receipt div by 3
T-810	16.00	9.0	8,000	98,019	65	20% of 3 year ave of Bulk Receipt div by 3
T-820	16.00	9.0	8,000	98,019	65	20% of 3 year ave of Bulk Receipt div by 3
T-210	15.00	18.5	30,000	359,527	50	T-1111/1112 -T-1410 divided by 3
T-220	15.00	18.5	30,000	359,527	50	T-1111 + T-1112 -T-1410 divided by 3
T-230	15.00	18.5	30,000	359,527	50	T-1111/1112 -T-1410 divided by 3
T-1010	9.00	14.0	10,000	551,790	65	T-100 divided by 2 - GW & Bulk Receipts
T-1020	10.00	12.0	8,000	551,790	65	T-100 divided by 2 - GW & Bulk Receipts
T-310	38.00	12.0	30,457	1,963,203	80	T-100 processing
T-320	38.00	12.0	30,457	1,963,203	80	T-100 processing
T-1111	4.00	3.8	300	551,790	65	T-100 divided by 2 - GW & Bulk Receipts
T-1112	7.00	3.5	600	551,790	65	T-100 divided by 2 - GW & Bulk Receipts
T-100	23.00	35.0	160,545	1,963,203	80	3 year average + GW + Bulk Receipts
T-125	12.00	80.0	394,271	7,513,307	70	3 year average divided by 2
T-58	23.50	81.0	488,529	7,513,307	70	Sideshell is 14' high; 9.5' high dome roof
T-111	6.58	3.2	350	144,866	65	Horizontal Tank; 3 year average
T-3001	7.00	5.5	1,255	1,963,203	50	T-100 processing
T-3002	5.66	5.0	900	1,963,203	50	T-100 processing
T-3003	6.50	5.0	1,210	15,026,614	50	T-100 processing
T-3009	16.00	8.0	5,000	250,000	50	Horizontal Tank; Double Walled
T-3011	3.50	4.5	375	1,963,203	80	T-100 processing
T-3012	3.92	4.0	375	1,963,203	80	T-100 processing
Stab Rec RC-01						Permanently Out of Service
Stab Rec RC-02						Permanently Out of Service
Stab Rec RC-03						Permanently Out of Service
Stab Rec RC-04						Permanently Out of Service

TABLE 10

TANK DIMENSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Tank ID#	*Height (ft.)*	*Diameter (ft.)*	*Volume (gal.)*	*Throughput (gal/yr.)*	*Avearage Operating Temperature (F)*	*Comments*
Fac Ponds 1/2				20,703,000		825' by 300' wide; vol based w/1' freeboard
T-101	32	44	350,000	350,000	50	
T-102	32	44	350,000	13,377,857	50	SLF 12 +RMU-1 - T-101
T-103	32	44	350,000	153,486	50	3 year average: SLF 1-6 - oil + gate receipts
T-107	6.58	3.2	350	67,283	65	3 year average
T-110	6.58	3.2	350	65,171	65	3 year average
T-109	8	8	3,000	65,171	65	3 year average
T-108	16	10.33	10,000	144,866	65	3 year average
T-105	8	8	3,000	144,648	65	3 year average
T-130	10	7.6	5,732	144,648	50	Cone bottom; 3 year average
T-158	18	12	17,000	204,648	65	Cone bottom; SLF 1-6 + Gate Receipts
T-150	14	10	8,000	974,571	60	3 year average; SLF12 + Site Waters
T-160	6.5	9	3,000	12,753,285	60	3 year average
T-830	8	6	2,000	6,000	65	Ferrous Sulfate
T-840	8	6	2,000	6,000	65	Ferrous Sulfate
T-1310	5	5.5	600	2,500	65	Caustic Scrubber Tank
T-850	4	6	846	1,000	65	Mix tank
T-1410	12	12	8,000	25,000	65	Lime Slurry Tank
T-910	9.5	12	8,000	15,000	65	Sulfuric Acid Tank
T-8001	13	8	5,000	733,487	70	Cone bottom
T-8002	4.66	4	550	733,487	70	Horizontal tank
T-8004	4.66	4	550	2,350	70	Horizontal tank
T-8005	6.25	2.83	300	3,973	70	Horizontal tank
T-8006	6.25	2.83	300	9,775	70	Horizontal tank
T-8007	4.66	4	550	7,383	70	Horizontal tank
T-8008	7.6	3.5	500	500	70	Horizontal tank
T-8009	5.9	4.1	525	305,000	70	Horizontal tank; Projected volume
T-8010	6.46	5.33	1,000	323,700	70	Projected volume

TABLE 11

SUMMARY OF TANKS MODELING OUTPUT: LEACHATE STORAGE AND TRANSFER
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Tank #

Tank Dimensions			102			103			105			107		
Height (ft)			32			32			8			6.58		
Diameter (ft)			44			44			8			3.2		
Volume (gal)			350,000			350,000			3,000			395		
Throughput (gal/yr)			15,000,000			500,000			500,000			100,000		
Pollutants	**VOC**	**HAP**	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone			1.4			1.53			0.18			0.01		
Acetonitrile	X	X	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-
Acrylonitrile	X	X	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-
Aniline	X	X	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-
Benzene	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Butanol-(1)	X		-	-		0.01	0.01		-	-		-	-	
Carbon Disulfide	X	X	0.03	0.03	0.03	-	-	-	0.01	0.01	0.01	-	-	-
Carbon Tetrachloride	X	X	-	-	-	-	-	-	0.01	0.01	0.01	-	-	-
Chlorobenzene	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Chloroform	X	X	-	-	-	0.01	0.01	0.01	0.03	0.03	0.03	-	-	-
Cresol (-m)	X	X	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-
Cresol (-o)	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Cresol (-p)	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Cyclohexanone	X		-	-		0.00	0.00		-	-		-	-	
Dichloroethane (1,1)	X	X	-	-	-	0.01	0.01	0.01	0.01	0.01	0.01	-	-	-
Dichloroethane (1,2)	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Dichloroethylene (-trans-1,2)	X		-	-		0.00	0.00		-	-		-	-	
Diethyl Ether	X		-	-		0.05	0.05		-	-		-	-	
Dimethyl Phthalate	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Dioxane (1,4)	X	X	-	-	-	0.03	0.03	0.03	-	-	-	-	-	-
Ethyl Chloride	X	X	-	-	-	0.00	0.00	0.00	-	-	-	-	-	-
Ethylbenzene	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Iso-butyl Alcohol	X		-	-		0.00	0.00		-	-		-	-	
Methyl Alcohol	X	X	-	-	-	0.93	0.93	0.93	-	-	-	-	-	-
Methyl Ethyl Ketone	X		0.02	0.02		0.40	0.40		0.05	0.05		0.00	0.00	
Methylene Chloride		X	0.05		0.05	0.90		0.90	0.70		0.70	0.01		0.01
Methyl Isobutyl Ketone	X	X	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00	-	-	-
Naphthalene	X	X	-	-	-	-	-	-	0.00	0.00	0.00	-	-	-
Pyridine	X		-	-		0.00	0.00		-	-		-	-	
Tetrachloroethane (1,1,2,2)	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Tetrachloroethylene	X	X	-	-	-	0.00	0.00	0.00	0.02	0.02	0.02	-	-	-
Toluene	X	X	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05	0.05	0.00	0.00	0.00
Trichloroethane (1,1,1)	X	X	-	-	-	0.00	0.00	0.00	0.26	0.26	0.26	-	-	-
Trichloroethane (1,1,2)	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Trichloroethylene	X	X	-	-	-	0.00	0.00	0.00	0.22	0.22	0.22	-	-	-
Vinylidene Chloride	X	X	-	-	-	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Water			1885.18			316.2			27.36			4.14		
Xylenes (mixed isomers)	X	X	-	-	-	0.00	0.00	0.00	0.01	0.01	0.01	0	0.00	0.00
TOTAL (lbs):				0.05	0.08		1.45	1.89		0.67	1.32		0.00	0.01

Tank Dimensions	108			109			110			111			130		
Height (ft)	16			8			6.58			6.58			10		
Diameter (ft)	10.33			8			3.2			3.2			7.6		
Volume (gal)	10,000			3,000			395			395			3,394		
Throughput (gal/yr)	200,000			100,000			100,000			200,000			500,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	0.01			0.02			0.01			0			0.19		
Acetonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aniline	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Butanol-(1)	-	-		-	-		-	-		-	-		-	-	
Carbon Disulfide	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01
Carbon Tetrachloride	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01
Chlorobenzene	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Chloroform	-	-	-	-	-	-	-	-	-	-	-	-	0.04	0.04	0.04
Cresol (-m)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cresol (-o)	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Cresol (-p)	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Cyclohexanone	-	-		-	-		-	-		-	-		-	-	
Dichloroethane (1,1)	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01
Dichloroethane (1,2)	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	-	-		-	-		-	-		-	-		-	-	
Diethyl Ether	-	-		-	-		-	-		-	-		-	-	
Dimethyl Phthalate	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Dioxane (1,4)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Chloride	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Iso-butyl Alcohol	-	-		-	-		-	-		-	-		-	-	
Methyl Alcohol	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.06	0.06	
Methylene Chloride	-		-	0.00		0.00	0.00		0.00	-		-	0.75		0.75
Methyl Isobutyl Ketone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Naphthalene	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Pyridine	-	-		-	-		-	-		-	-		-	-	
Tetrachloroethane (1,1,2,2)	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Tetrachloroethylene	-	-	-	-	-	-	-	-	-	-	-	-	0.02	0.02	0.02
Toluene	-	-	-	-	-	-	-	-	-	-	-	-	0.06	0.06	0.06
Trichloroethane (1,1,1)	-	-	-	-	-	-	-	-	-	-	-	-	0.28	0.28	0.28
Trichloroethane (1,1,2)	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Trichloroethylene	-	-	-	-	-	-	-	-	-	-	-	-	0.23	0.23	0.23
Vinylidene Chloride	-	-	-	-	-	-	-	-	-	-	-	-	0.00	0.00	0.00
Water	29.00			14.50			4.14			6.55			29.3		
Xylenes (mixed isomers)	-	-	-	-	-	-	-	-	-	-	-	-	0.01	0.01	0.01
TOTAL (lbs):		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.73	1.42

Tank Dimensions	150			158			160		
Height (ft)	14			18			6.5		
Diameter (ft)	10			12			9		
Volume (gal)	8,000			15,000			3,000		
Throughput (gal/yr)	1,000,000			500,000			15,000,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	0.05			0.53			0.28		
Acetonitrile	-	-	-	-	-	-	-	-	-
Acrylonitrile	-	-	-	-	-	-	-	-	-
Aniline	-	-	-	-	-	-	-	-	-
Benzene	-	-	-	0.01	0.01	0.01	-	-	-
Butanol-(1)	-	-		-	-		-	-	
Carbon Disulfide	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.00	0.00
Carbon Tetrachloride	-	-	-	0.02	0.02	0.02	-	-	-
Chlorobenzene	-	-	-	0.01	0.01	0.01	-	-	-
Chloroform	-	-	-	0.10	0.10	0.10	-	-	-
Cresol (-m)	-	-	-	-	-	-	-	-	-
Cresol (-o)	-	-	-	0.00	0.00	0.00	-	-	-
Cresol (-p)	-	-	-	0.00	0.00	0.00	-	-	-
Cyclohexanone	-	-		-	-		-	-	
Dichloroethane (1,1)	-	-	-	0.02	0.02	0.02	-	-	-
Dichloroethane (1,2)	-	-	-	0.01	0.01	0.01	-	-	-
Dichloroethylene (-trans-1,2)	-	-		-	-		-	-	
Diethyl Ether	-	-		-	-		-	-	
Dimethyl Phthalate	-	-	-	0.00	0.00	0.00	-	-	-
Dioxane (1,4)	-	-	-	-	-	-	-	-	-
Ethyl Chloride	-	-	-	-	-	-	-	-	-
Ethylbenzene	-	-	-	0.01	0.01	0.01	-	-	-
Iso-butyl Alcohol	-	-		-	-		-	-	
Methyl Alcohol	-	-	-	-	-	-	-	-	-
Methyl Ethyl Ketone	0.00	0.00		0.16	0.16		0.00	0.00	
Methylene Chloride	0.19		0.19	2.12		2.12	1.07		1.07
Methyl Isobutyl Ketone	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
Naphthalene	-	-	-	0.00	0.00	0.00	-	-	-
Pyridine	-	-		-	-		-	-	
Tetrachloroethane (1,1,2,2)	-	-	-	0.01	0.01	0.01	-	-	-
Tetrachloroethylene	-	-	-	0.06	0.06	0.06	-	-	-
Toluene	0.00	0.00	0.00	0.14	0.14	0.14	0.00	0.00	0.00
Trichloroethane (1,1,1)	-	-	-	0.78	0.78	0.78	-	-	-
Trichloroethane (1,1,2)	-	-	-	0.00	0.00	0.00	-	-	-
Trichloroethylene	-	-	-	0.66	0.66	0.66	-	-	-
Vinylidene Chloride	-	-	-	0.01	0.01	0.01	-	-	-
Water	66.39			82.94			378.01		
Xylenes (mixed isomers)	-	-	-	0.03	0.03	0.03	-	-	-
TOTAL (lbs):		0.00	0.19		2.06	4.02		0.00	1.07

TABLE 12
ESTIMATED VOC AND HAP EMISSIONS FROM TANK T-165
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	CAS Number	VOC	HAP	Mol. Weight (g/mol)	Leachate Concentration [2] (ug/L)	Leachate Concentration (ug/m^3)	# Carbon Atoms	# Hydrogen Atoms	# Oxygen Atoms	# Chloride Atoms	# Fluorine Atoms	# Sulfur Atoms	# Bromine Atoms	# Nitrogen Atoms	Atomic Diffusion Volume for D_a Calculation [3]	Gas Diffusion Coefficient D_a [4] (m^2/h)	Atomic Volume for D_l Calculation [5] (cm^3/mol)	Liquid Diffusion Coefficient D_l [6] (m^2/h)	Schmidt Number S_c [7]
Aroclor 1242 [1]	53469-21-9	X	X	291.99	29.6	29,600	12	6	0	4	0	0	0	0	267.88	1.73E-02	271.2	2.01E-06	3.3
Aroclor 1260 [1]	11096-82-5	X	X	360.88	112	112,000	12	4	0	6	0	0	0	0	302.92	1.62E-02	307	1.87E-06	3.5
2,4-Dimethylphenol [1]	105-67-9	X		122.16	140	140,000	8	10	1	0	0	0	0	0	137.28	2.49E-02	147.8	2.87E-06	2.3
4-Nitrophenol [1]	100-02-7	X	X	139.11	500	500,000	6	5	3	0	0	0	0	1	111.03	2.70E-02	130.1	3.10E-06	2.1
Phenol [1]	108-95-2	X	X	94.11	1200	1,200,000	6	6	1	0	0	0	0	0	96.36	2.98E-02	103.4	3.55E-06	1.9

Notes:

1 Deduction of 20 and 15 applied for calculation of atomic diffusion volumes for air and liquid, respectively (deduction applied for a hexagonal ring)
2 Sample results provided by CWM Chemical Services, LLC
3 Method for calculating total diffusion volume for air taken from Fuller et al., 1966
4 Calculation method for gas diffusion coefficient referenced from *Chemical Engineering Design, Principles, Practice and Economics of Plant and Process Design* , 2008
5 Method for calculating total diffusion volume for water was taken from the LeBas Method, 1915
6 Calculation method for liquid diffusion coefficient referenced from *Water Treatment Principles and Design, Third Edition* , 2012
7 Parameter was calculated using method presented in paper: "Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water PoolsUnder Simulated Indoor Environmental Conditions," December 2002 (wind speed of 11.8 mph assumed)
8 Total surface area of tank calculated as follows: (Pi) x (10.67 m radius)^2 = 357.67 m^2
9 Characteristic length calculated as the square root of the total surface area
10 Referenced materials provided on USEPA website and CHEMFATE provided by SRC

TABLE 12
ESTIMATED VOC AND HAP EMISSIONS FROM TANK T-165
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Reynolds Number R_e [7]	Sherwood Number S_h [7]	Total Surface Area [8] (m^2)	Char. Length [9] (m)	k_G [7] (m/h)	k_L [7] (m/h)	K_{OL} [7] (m/h)	Henry's Constant [10]	K_{OG} [7] (m/h)	Emissions [7] (ug/hr)	Emissions (lb/hr)	Emissions (lb/yr)	VOC Emissions (lb/yr)	HAP Emissions (lb/yr)
6,350,111.1	2,482.7	357.67	18.91	2.27	4.24E-03	3.42E-03	7.79E-03	4.39E-01	3.62E+04	7.99E-05	0.70	0.70	0.70
6,350,111.1	2,538.5	357.67	18.91	2.18	4.09E-03	3.60E-03	1.38E-02	2.61E-01	1.44E+05	3.18E-04	2.78	2.78	2.78
6,350,111.1	2,200.5	357.67	18.91	2.90	5.07E-03	3.50E-03	3.90E-03	8.97E-01	1.75E+05	3.86E-04	3.38	3.38	
6,350,111.1	2,142.9	357.67	18.91	3.05	5.26E-03	6.45E-08	2.11E-08	3.05E+00	1.15E+01	2.54E-08	0.00	0.00	0.00
6,350,111.1	2,073.0	357.67	18.91	3.26	5.63E-03	5.27E-05	1.63E-05	3.23E+00	2.26E+04	4.99E-05	0.44	0.44	0.44
											TOTALS	**7.30**	**3.92**

TABLE 13

SUMMARY OF TANKS MODELING OUTPUT: GROUNDWATER EXTRACTION SYSTEM
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

			Tank #								
Tank Dimensions			**8001**			**8002**			**8004**		
Height (ft)			13			5			4.66		
Diameter (ft)			8			4			4		
Volume (gal)			5,000			470			550		
Throughput (gal/yr)			1,000,000			1,000,000			5,000		
Pollutants	**VOC**	**HAP**	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone			0			0			-		
Benzene	X	X	0	0.00	0.00	0	0.00	0.00	-	-	-
Carbon Tetrachloride	X	X	-	-	-	-	-	-	-	-	-
Chlorobenzene	X	X	-	-	-	-	-	-	-	-	-
Chloroform	X	X	-	-	-	-	-	-	-	-	-
Dichlorobenzene (1,2)	X		-	-		-	-		-	-	
Dichlorobenzene (1,4)	X	X	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	X	X	0	0.00	0.00	0	0.00	0.00	-	-	-
Methylene Chloride		X	0		0.00	0		0.00	-		-
Trichloroethane (1,1,1)	X	X	0	0.00	0.00	0	0.00	0.00	-	-	-
Trichloroethane (1,1,2)	X	X	0	0.00	0.00	0	0.00	0.00	-	-	-
Trichloroethylene	X	X	0	0.00	0.00	0	0.00	0.00	-	-	-
Water			57.48			27.37			-		
TOTAL (lbs):				0.00	0		0.00	0.00		0.00	0.00

	Tank #								
Tank Dimensions	**8005**			**8006**			**8007**		
Height (ft)	6.25			6.25			5		
Diameter (ft)	3			3			4		
Volume (gal)	300			300			470		
Throughput (gal/yr)	10,000			10,000			10,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	-			0			-		
Benzene	-	-	-	0	0.00	0.00	-	-	-
Carbon Tetrachloride	-	-	-	0	0.00	0.00	-	-	-
Chlorobenzene	-	-	-	-	-	-	0	0.00	0.00
Chloroform	-	-	-	-	-	-	-	-	-
Dichlorobenzene (1,2)	-	-		-	-		-	-	
Dichlorobenzene (1,4)	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	0	0.00	0.00
Methylene Chloride	-		-	-		-	0		0.00
Trichloroethane (1,1,1)	-	-	-	-	-	-	0	0.00	0.00
Trichloroethane (1,1,2)	-	-	-	-	-	-	0	0.00	0.00
Trichloroethylene	0	0.00	0.00	-	-	-	0	0.00	0.00
Water	2.27			2.27			2.6		
TOTAL (lbs):		0.00	0.00		0.00	0.00		0.00	0.00

	Tank #								
Tank Dimensions	**8008**			**8009**			**8010**		
Height (ft)	7.6			5.9			6.46		
Diameter (ft)	3.5			4.1			5.33		
Volume (gal)	500			525			1,000		
Throughput (gal/yr)	1,000			500,000			500,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	-			0			-		
Benzene	-	-	-	-	-	-	-	-	-
Carbon Tetrachloride	-	-	-	0	0.00	0.00	-	-	-
Chlorobenzene	-	-	-	0	0.00	0.00	-	-	-
Chloroform	-	-	-	0	0.00	0.00	-	-	-
Dichlorobenzene (1,2)	-	-		-	-		-	-	
Dichlorobenzene (1,4)	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	-	-	-	-	-	-	-	-	-
Methylene Chloride	-		-	0		0.00	-		-
Trichloroethane (1,1,1)	-	-	-	-	-	-	-	-	-
Trichloroethane (1,1,2)	-	-	-	0	0.00	0.00	-	-	-
Trichloroethylene	-	-	-	0	0.00	0.00	-	-	-
Water	1.49			15.79			19.04		
TOTAL (lbs):		0.00	0.00		0.00	0.00		0.00	0.00

TABLE 14

SUMMARY OF TANKS MODELING OUTPUT: ATWS TANKS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

			Tank #														
Tank Dimensions			**100**			**210**			**220**			**230**			**1010**		
Height (ft)			23			15			15			15			9		
Diameter (ft)			35			18.5			18.5			18.5			14		
Volume (gal)			160,545			30,000			30,000			30,000			10,000		
Throughput (gal/yr)			3,000,000			500,000			500,000			500,000			600,000		
Pollutants	**VOC**	**HAP**	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone			0.84			0.46			0.46			0.46			0.32		
Acetonitrile	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Acrylonitrile	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Aniline	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Benzene	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Butanol-(1)	X			0.00		0.00	0.00		0.00	0.00		0.00	0.00		0	0.00	
Chlorobenzene	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Chloroform	X	X		0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Cresol (-m)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Cresol (-o)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Cresol (-p)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Cyclohexanone	X			0.00		0.00	0.00		0.00	0.00		0.00	0.00		0	0.00	
Dichloroethane (1,1)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Dichloroethane (1,2)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Dichloroethylene (-trans-1,2)	X			0.00		0.00	0.00		0.00	0.00		0.00	0.00		0	0.00	
Diethyl Ether	X			0.00		0.01	0.01		0.01	0.01		0.01	0.01		0.01	0.01	
Dimethyl Phthalate	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Dioxane (1,4)	X	X		0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Ethyl Chloride	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Ethylbenzene	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Iso-butyl Alcohol	X			0.00		0.00	0.00		0.00	0.00		0.00	0.00		0	0.00	
Methyl Alcohol	X	X		0.00	0.00	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.19	0.19	0.19
Methyl Ethyl Ketone	X		0.1	0.10		0.12	0.12		0.12	0.12		0.12	0.12		0.08	0.08	
Methylene Chloride		X	0.22		0.22	0.27		0.27	0.27		0.27	0.27		0.27	0.19		0.19
Methyl Isobutyl Ketone	X	X	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pyridine	X			0.00		0.00	0.00		0.00	0.00		0.00	0.00		0	0.00	
Tetrachloroethane (1,1,2,2)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Tetrachloroethylene	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Toluene	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Trichloroethane (1,1,1)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Trichloroethane (1,1,2)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Trichloroethylene	X	X	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Vinylidene Chloride	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
Water			540.62			94.35			94.35			94.35			65.91		
Xylenes (mixed isomers)	X	X		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00
TOTAL (lbs):				0.10	0.22		0.42	0.56		0.42	0.56		0.42	0.56		0.29	0.39

	Tank #														
Tank Dimensions	**1020**			**310**			**320**			**3001**			**3002**		
Height (ft)	10			38			38			7			5.66		
Diameter (ft)	12			12			12			5.5			5		
Volume (gal)	8,000			30,457			30,457			1,255			900		
Throughput (gal/yr)	600,000			3,000,000			3,000,000			3,000,000			3,000,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	0.27			0.2			0.22			0.12			0.12		
Acetonitrile	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Acrylonitrile	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Aniline	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Benzene	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Butanol-(1)	0	0.00			0.00			0.00			0.00			0.00	
Chlorobenzene	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Chloroform	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-m)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-o)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-p)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cyclohexanone	0	0.00			0.00			0.00			0.00			0.00	
Dichloroethane (1,1)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dichloroethane (1,2)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dichloroethylene (-trans-1,2)	0	0.00			0.00			0.00			0.00			0.00	
Diethyl Ether	0.01	0.01			0.00			0.00			0.00			0.00	
Dimethyl Phthalate	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dioxane (1,4)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Ethyl Chloride	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Ethylbenzene	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Iso-butyl Alcohol	0	0.00			0.00			0.00			0.00			0.00	
Methyl Alcohol	0.16	0.16	0.16		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Methyl Ethyl Ketone	0.07	0.07		0.02	0.02		0.02	0.02		0.01	0.01		0.01	0.01	
Methylene Chloride	0.16		0.16	0.01		0.01	0.01		0.01	0.03		0.03	0.03		0.03
Methyl Isobutyl Ketone	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Pyridine	0	0.00			0.00			0.00			0.00			0.00	
Tetrachloroethane (1,1,2,2)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Tetrachloroethylene	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Toluene	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Trichloroethane (1,1,1)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Trichloroethane (1,1,2)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Trichloroethylene	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00	0	0.00	0.00
Vinylidene Chloride	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Water	55.66			224.45			224.45			78.92			77.07		
Xylenes (mixed isomers)	0	0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
TOTAL (lbs):		0.24	0.32		0.02	0.01		0.02	0.01		0.01	0.03		0.01	0.03

	Tank #														
Tank Dimensions	**3003**			**3009**			**3011**			**3012**			**Frac Tank 3**		
Height (ft)	6.5			16			5			5			11		
Diameter (ft)	5			8			4.5			4			18		
Volume (gal)	955			5,000			595			470			21,000		
Throughput (gal/yr)	3,000,000			300,000			3,000,000			3,000,000			50,000		
Pollutants	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)	**Emissions** (lb/yr)	**VOC** (lb/yr)	**HAP** (lb/yr)
Acetone	0.12			0.05			0.08			0.12			0.03		
Acetonitrile		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Acrylonitrile		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Aniline		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Benzene		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Butanol-(1)		0.00			0.00			0.00			0.00			0.00	
Chlorobenzene		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Chloroform		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-m)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-o)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cresol (-p)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Cyclohexanone		0.00			0.00			0.00			0.00			0.00	
Dichloroethane (1,1)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dichloroethane (1,2)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dichloroethylene (-trans-1,2)		0.00			0.00			0.00			0.00			0.00	
Diethyl Ether		0.00			0.00			0.00			0.00			0.00	
Dimethyl Phthalate		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Dioxane (1,4)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Ethyl Chloride		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Ethylbenzene		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Iso-butyl Alcohol		0.00			0.00			0.00			0.00			0.00	
Methyl Alcohol		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Methyl Ethyl Ketone	0.01	0.01		0.01	0.01		0.01	0.01		0.01	0.01		0.01	0.01	
Methylene Chloride	0.03		0.03	0		0.00	0		0.00	0.03		0.03	0.05		0.05
Methyl Isobutyl Ketone	0	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00		0.00	0.00
Pyridine		0.00			0.00			0.00			0.00			0.00	
Tetrachloroethane (1,1,2,2)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Tetrachloroethylene		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Toluene		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0.00	0.00	0.00
Trichloroethane (1,1,1)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Trichloroethane (1,1,2)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Trichloroethylene	0.00	0.00	0.00		0.00	0.00		0.00	0.00	0	0.00	0.00		0.00	0.00
Vinylidene Chloride		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00
Water	77.4			43.23			75.56			74.92			22.63		
Xylenes (mixed isomers)		0.00	0.00		0.00	0.00		0.00	0.00		0.00	0.00	0	0.00	0.00
TOTAL (lbs):		0.01	0.03		0.01	0.00		0.01	0.00		0.01	0.03		0.01	0.05

TABLE 15

ESTIMATED VOC AND HAP EMISSIONS FROM BIOTOWER EXHAUST
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Detected Compounds	*CAS Number*	*VOC*	*HAP*	*Mol. Weight (g/mol)*	*Inluent Concentration [1] (ppb)*	*Midpoint Concentration [2] (ppb)*	*Effluent Concentration [3] (ppb)*	*Emission Rate (mg/m^3)*	*Emission Rate [4] (lb/hr)*	*Emission Rate (lb/yr)*	*VOC Emissions (lb/yr)*	*HAP Emissions (lb/yr)*
1,1,1-Trichloroethane	71-55-6	X	X	133.4	33	ND	ND	0	0	0	0.000	0.000
1,1,2,2-Tetrachloroethane	79-34-5	X	X	167.85	57	ND	ND	0	0	0	0.000	0.000
1,1,2-Trichloroethane	79-00-5	X	X	133.4	100	ND	ND	0	0	0	0.000	0.000
1,1-Dichloroethane	75-34-3	X	X	98.96	130	0.16	ND	0	0	0	0.000	0.000
1,2-Dichloroethane	107-06-2	X	X	98.96	330	0.34	ND	0	0	0	0.000	0.000
2-Butanone	78-93-3	X		72.11	4500	7.4	ND	0	0	0	0.000	
4-Methyl-2-pentanone	108-10-1	X	X	100.16	950	0.57	ND	0	0	0	0.000	0.000
Acetone	67-64-1			58.08	8500	32	1.9	0.0045104	1.953E-06	0.017		
Benzene	71-43-2	X	X	78.11	40	ND	ND	0	0	0	0.000	0.000
Bromomethane	74-83-9	X	X	94.94	38	ND	ND	0	0	0	0.000	0.000
Carbon disulfide	75-15-0	X	X	76.14	200	0.45	0.31	0.0009647	4.177E-07	0.004	0.004	0.004
Chlorobenzene	108-90-7	X	X	112.56	20	ND	ND	0	0	0	0.000	0.000
Chloroform	67-66-3	X	X	119.38	270	0.33	ND	0	0	0	0.000	0.000
Chloromethane	74-87-3	X	X	50.49	ND	1.2	ND	0	0	0	0.000	0.000
cis-Dichloroethene	156-59-2	X		96.94	200	0.35	ND	0	0	0	0.000	
Dichlorodifluoromethane	75-71-8			120.91	ND	0.5	ND	0	0	0		
Xylenes	1330-20-7	X	X	106.16	117	0.88	ND	0	0	0	0.000	0.000
Methylene Chloride	75-09-2		X	84.93	13000	15	0.27	0.0009373	4.058E-07	0.004		0.004
Toluene	108-88-3	X	X	92.14	140	0.42	ND	0	0	0	0.000	0.000
Trichloroethene	79-01-6	X	X	131.39	270	0.31	ND	0	0	0	0.000	0.000
Trichlorofluoromethane	75-69-4			137.37	ND	0.22	ND	0	0	0		
Vinyl Chloride	75-01-4	X	X	62.5	63	0.15	ND	0	0	0	0.000	0.000
											0.004	**0.007**

Notes:

1 Analytical results from sample taken on March 16, 2013 prior to carbon canister

2 Analytical results from sample taken on March 16, 2013 between 2 carbon canisters

3 Analytical results from sample taken on March 16, 2013 after 2 carbon canisters; represents exhaust leaving the stack

4 Emission rate converted to lb/hr using flowrate value of 115.6 acfm measured at exhaust on April 5, 2013

TABLE 16

ESTIMATED FILTER PRESS EMISSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Methylene chloride - release from filter press

Feed to filter press after Fentons 9/20/12 — 71.7 mg/L x 20,000 gal x 3.78 L/gal equals 5420520 mg or 5420 g or 11.9 lbs methylene chloride in feed to lime slurry/press

15,260 lbs (6928 kg) of cake produced, 70% moisture (10682 lbs or 1280 gallons of aqueous feed remains in cake)

10/6/12 second drop

26.4 mg/kg x6928 kg equals 182.9 g or 0.4 lbs methylene chloride in cake

Filtrate 9/20/12 (18,720 gallons, 1280 gal remained with cake)

30.2 mg/L x70762 L equals 2137000 mg or 2137 g or 4.7 lbs in filtrate

Feed	minus cake	minus filtrate	equals release
11.9	0.4	4.7	6.8 lbs released by press per roll-off of filter cake

19 roll-offs of cake produced in 2012

129 lbs

TABLE 17

HEATING EQUIPMENT EMISSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Unit	***Comment***
1. Cleaver Brooks Model CB.101-125 (Boiler Room)	Oil Fired 5.23 MMBtu/hr
2. North American Model 7410 (Boiler Room)	Oil Fired 14.7 MMBtu/hr (only used as backup)
3. Fulton Model CB-030 (AWTS)	Oil Fired 0.101 MMBtu/hr
4. Fulton Model 50063 (Locker Room)	Propane Fired 0.506MMBtu/hr
5. Copper Hydronic Boiler (Firewater Pump Bld.)	Propane Fired 1.34 MMBtu/hr
6. Davo Hastings Heaters (Two - Drum Bld. Roof)	Propane Fired 0.160 MMBtu/hr each
7. Stabilization Main Heaters (Two - Stab. Bld. Roof)	Propane Fired 4.0 MMBtu/hr each (alternating
8. Pug Mill Heaters (Two - Stab. Pug Mill Area)	Propane Fired 0.400 MMBtu/hr each

Emission Factors for Oil Combustion

Emission factors ($lb/10^3$ gal, or lb/1000 gallons):	
PM-10	1
NOx	20
SOx (EF142 x s)	28.4
CO	5
VOC	0.252
CO_2	22300
CH_4	0.052
N_2O	0.26

A = weight % ash in fuel. Multiply numeric value by A to obtain emission factor.
For ex.: if ash content is 5% then A = 5. Actual value is 0.01% Ash from NOCO Data Sheet
s = weight % sulfur in fuel. Multiply numeric value by s to obtain emission factor.
For ex.: if sulfur content is 3.4%, then s = 3.4. Actual Value is 0.2% Sulfur from Buckeye Pipe Line Co. Data Sheet

Emission Factors for Propane Combustion

Emission Factors (lb/MMBtu)	
PM-10	0.008
NOx	0.143
SOx (% s)	0.0002
CO	0.082
VOC	0.011
CO_2	137.363
CH_4	0.002
N_2O	0.010

1. Cleaver Brooks Model CB.101-125 (Boiler Room)		Emissions	
	Pollutant	lb/yr	TPY
Refer to Section 1.11 of USEPA's AP-42	PM-10	164.25	0.08
Oil input (gallons/hr) = 37.5	NOx	3285.00	1.64
Operation (hours/year) = 4380	SOx	4664.7	2.33
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	821.25	0.41
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	41.39	0.02
	CO_2	3662775	1831.39
	CH_4	8.54	0.00
	N_2O	42.71	0.02

2. North American Model 7410 (Boiler Room)		Emissions	
Refer to Section 1.11 of USEPA's AP-42	Pollutant	lb/yr	TPY
Oil input (gallons/hr) = 105	PM-10	75.6	0.04
Operation (hours/year) = 720	NOx	1512.00	0.76
	SOx	2147.04	1.07
	CO	378	0.19
	VOC	19.05	0.01
	CO_2	1685880	842.94
	CH_4	3.93	0.00
	N_2O	19.66	0.01

3. Fulton Model CB-030 (AWTS)		Emissions	
	Pollutant	lb/yr	TPY
Refer to Section 1.11 of USEPA's AP-42	PM-10	3.17	0.00
Oil input (gallons/hr) = 0.724	NOx	63.42	0.03
Operation (hours/year) = 4380	SOx	90.06	0.05
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	15.86	0.01
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	0.80	0.00
	CO_2	70715.98	35.36
	CH_4	0.16	0.00
	N_2O	0.82	0.00

TABLE 17

HEATING EQUIPMENT EMISSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

4. Fulton Model 50063 (Locker Room)		Emissions	
	Pollutant	lb/yr	TPY
	PM-10	17.05	0.01
Rating (MMBtu/hr) 0.506	NOx	316.61	0.16
Operation (hours/year) = 4380	SOx	0.49	0.00
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	182.66	0.09
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	24.35	0.01
	CO_2	304434.07	152.22
	CH_4	4.87	0.00
	N_2O	21.92	0.01

5. Copper Hydronic Boiler (Firewater Pump Bld.)		Emissions	
	Pollutant	lb/yr	TPY
	PM-10	45.15	0.02
Rating (MMBtu/hr) 1.34	NOx	838.46	0.42
Operation (hours/year) = 4380	SOx	1.29	0.00
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	483.73	0.24
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	64.50	0.03
	CO_2	806208.79	403.10
	CH_4	12.90	0.01
	N_2O	58.05	0.03

6. Davo Hastings Heaters (Two - Drum Bld. Roof)		Emissions (for two units)	
	Pollutant	lb/yr	TPY
Note: Two units run together for 1/2 year, so total 8760 hrs./yr	PM-10	10.78	0.01
Rating (MMBtu/hr) 0.160	NOx	200.23	0.10
Operation (hours/year) = 8760	SOx	0.31	0.00
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	115.52	0.06
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	15.40	0.01
	CO_2	192527.47	96.26
	CH_4	3.08	0.00
	N_2O	13.86	0.01

7. Stabilization Main Heaters (Two - Stab. Bld. Roof)		Emissions (for two units)	
	Pollutant	lb/yr	TPY
Note: Two units are used alternating, so total 4380 hrs./yr	PM-10	134.77	0.07
Rating (MMBtu/hr) 4.0	NOx	2502.86	1.25
Operation (hours/year) = 4380	SOx	3.85	0.00
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	1443.96	0.72
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	192.53	0.10
	CO_2	2406593.41	1203.30
	CH_4	38.51	0.02
	N_2O	173.27	0.09

8. Pug Mill Heaters (Two - Stab. Pug Mill Area)		Emissions (for two units)	
	Pollutant	lb/yr	TPY
Note: Two units run together for 1/2 year, so total 8760 hrs./yr	PM-10	26.95	0.01
Heat production (MMBtu/hr) 0.400	NOx	500.57	0.25
Operation (hours/year) = 8760	SOx	0.77	0.00
Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(1)(i)	CO	288.79	0.14
Stationary combustion furnace with capacity <10MMBtu/hr	VOC	38.51	0.02
	CO_2	481318.68	240.66
	CH_4	7.70	0.00
	N_2O	34.65	0.02

Total Heating Equipment Combustion Emissions	Emissions	
Pollutant	lb/yr	TPY
PM-10	477.72	0.24
NOx	9219.15	4.61
SOx	6908.51	3.45
CO	3729.76	1.86
VOC	396.53	0.20
CO_2	9610453.40	4805.23
CH_4	79.69	0.04
N_2O	364.95	0.18

TABLE 18

DIESEL ENGINE EMISSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Unit	***Comment***
Cummins Diesel Fire-Water Pump - Ser. No. 034302	187 Horsepower

Emission Factors for Diesel Industrial Engines - From AP-42 Table 3.3.1

Emission factors (lb/hp-hr):	
PM-10	0.0022
NOx	0.031
SOx	0.00205
CO	0.00668
VOC	0.0025
CO_2	1.15

Cummins Diesel Fire-Water Pump - Ser. No. 034302

Refer to Section 3.3 of USEPA's AP-42

Horsepower Output = 187

Operation (hours/year) = 24

Exempt from Air Permitting 6NYCRR Part 201-3.2(c)(3)(ii)

Stationary internal combustion engine <400bhp.

	Calculated Emissions lb/yr	TPY
PM-10	9.87	0.005
NOx	139.13	0.070
SOx	9.20	0.005
CO	29.98	0.015
VOC	11.22	0.006
CO_2	5161.20	2.581

Note: Diesel engine is operated one day per month, for a maximum of 2 hours each occurrence.

TABLE 19

ESTIMATED LABORATORY EMISSIONS
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

2012 Chemical Purchases (VOCs Only)

Chemical Name	Units Purchased	Liters/Unit	Total Gallons/Year	Specific Gravity	Weight (pounds/year)	Actual Emissions lb/yr	Actual Emissions TPY
Acetone*	20	4	21.13	0.790	139.324	97.53	0.05
n-Hexane (85%)*	40	4	42.27	0.659	232.442	162.71	0.08
Methylene Chloride*	16	4	16.91	1.30	183.414	128.39	0.06

Calculated VOC emissions assumes that 70% of all chemicals purchased are evaporated when used in the laboratory.
Calculated Potential VOC emissions is based on Actual Usage x 2.
Chemicals indicated with a * are also Hazardous Air Pollutants (HAPs)

	lb/yr	TPY
Potential VOC/HAP Emissions =	777.25	0.39

2012 Chemical Purchases (Non VOC)

Chemical Name	Units Purchased	Liters/Unit	Total Gallons/Year	Specific Gravity	Weight (pounds/year)	Actual Emissions lb/yr	Actual Emissions TPY
30% Hydrogen Peroxide	1	0.5	0.13	1.19	1.312	0.13	0.00
Hydrochloric Acid*	6	2.5	3.96	1.30	42.988	4.30	0.00
Glacial Acetic Acid	18	0.5	2.38	1.05	20.833	2.08	0.00
Nitric Acid	16	2.5	10.57	1.41	124.157	12.42	0.01
1N Sodium Hydroxide	1	20	5.28	1.00	44.090	4.41	0.00
Sulfuric Acid	10	2.5	6.60	1.85	101.958	10.20	0.01

Calculated Non VOC emissions assumes that 10% of all chemicals purchased are evaporated when used in the laboratory.

	lb/yr	TPY
Potential Emissions (as Particulates) =	58.47	0.03
Potential HCl (HAP) Emissions =	8.60	0.00

Potential Emissions as Particulates is based on Actual Usage x 2, and assumes that these chemicals will be emitted as particulate matter.
Potential Emissions as Particulates does not include Hydrochloric Acid, which is calculated seperately because it is a HAP.

Total Laboratory Potential Emissions	lb/yr	TPY
Particulates	58.47	0.03
VOCs	777.25	0.39
HAPs	785.85	0.39

TABLE 20

COMPOSITION OF SLF 1-6 LEACHATE ACCORDING TO 1994 STUDY
EMISSIONS INVENTORY
CWM CHEMICAL SERVICES, LLC

Compound	CAS Number	VOC	HAP	Light Oil Composition (ug/L) or (ppb)	Light Oil Composition (% of total)	Overall Average (ug/L) or (ppb)	Overall Average (% of total)
Acetone	67-64-1			340,000	0.0340	969,665	0.09697
Anthracene	120-12-7	X		38,000	0.0038	2,873	0.00029
Benzene	71-43-2	X	X	86,000	0.0086	60,250	0.00603
Benz(A) Anthracene	56-55-3	X		0	0.0000	2,679	0.00027
Benzoic Acid	65-85-0	X		0	0.0000	678,085	0.06781
Benzyl alcohol	100-51-6	X		0	0.0000	12,626	0.00126
Bis(2-ethylhexyl)phthalate	117-81-7	X	X	730,000	0.0730	355,826	0.03558
2-Butanone	78-93-3	X		980,000	0.0980	838,723	0.08387
Butyl benzyl Phthalate	85-68-7	X		35,000	0.0035	6,778	0.00068
Carbon Disulfide	75-15-0	X	X	0	0.0000	25,238	0.00252
Carbon Tetrachloride	56-23-5	X	X	250,000	0.0250	71,768	0.00718
Chlorobenzene	108-90-7	X	X	2,200,000	0.2200	556,562	0.05566
Chloroform	67-66-3	X	X	570,000	0.0570	224,333	0.02243
1,1-Dichloroethane	75-34-3	X	X	88,000	0.0088	34,440	0.00344
1,2-Dichloroethane	107-06-2	X	X	200,000	0.0200	39,633	0.00396
1,1-Dichloroethene	75-35-4	X	X	0	0.0000	7,686	0.00077
1,2-Dichloroethene	156-59-2	X		0	0.0000	17,781	0.00178
1,2-Dichlorobenzene	95-50-1	X		0	0.0000	441,663	0.04417
1,3-Dichlorobenzene	541-73-1	X		0	0.0000	14,110	0.00141
1,4-Dichlorobenzene	106-46-7	X	X	0	0.0000	127,910	0.01279
Diethlyphthalate	84-66-2	X		90,000	0.0090	9,084	0.00091
Dimethlyphthalate	131-11-3	X	X	0	0.0000	5,277	0.00053
2,4-Dimethylphenol	105-67-9	X		0	0.0000	17,208	0.00172
Di-n-Butyl phthalate	84-74-2	X		340,000	0.0340	39,098	0.00391
Ethylbenzene	100-41-4	X	X	1,600,000	0.1600	436,369	0.04364
Fluoranthene	206-44-0	X		0	0.0000	952	0.00010
Hexachlorobenzene	118-74-1	X	X	0	0.0000	91,774	0.00918
Hexachlorobutadiene	87-68-3	X	X	0	0.0000	53,917	0.00539
Hexachloroethane	67-72-1	X	X	0	0.0000	14,913	0.00149
2-Hexanone	591-78-6	X		0	0.0000	29,827	0.00298
Isophorone	78-59-1	X	X	0	0.0000	2,124	0.00021
Methylene Chloride	75-09-2		X	5,400,000	0.5400	1,952,690	0.19527
2-Methylnapthalene	91-57-6	X		0	0.0000	31,547	0.00315
2-Methylphenol	95-48-7	X	X	0	0.0000	4,867	0.00049
4-Methyl-2-pentanone	108-10-1	X	X	1,700,000	0.1700	366,931	0.03669
4-Methylphenol	106-44-5	X	X	0	0.0000	25,745	0.00257
Naphthalene	91-20-3	X	X	1,100,000	0.1100	30,704	0.00307
PCB-1242	53469-21-9		X	4,100,000	0.4100	4,418,565	0.44186
PCB-1254	11097-69-1		X	1,400,000	0.1400	387	0.00004
PCB-1260	11096-82-5		X	0	0.0000	195,144	0.01951
Pentachlorophenol	87-86-5	X	X	0	0.0000	3,327	0.00033
Phenol	108-95-2	X	X	490,000	0.0490	583,406	0.05834
Phenanthrene	85-01-8	X		98,000	0.0098	8,172	0.00082
Pyrene	129-00-0	X		0	0.0000	1,147	0.00011
1,1,2,2-Tetrachloroethane	79-34-5	X	X	6,800,000	0.6800	1,286,782	0.12868
Tetrachloroethene	127-18-4	X	X	4,100,000	0.4100	1,667,635	0.16676
Toluene	108-88-3	X	X	6,500,000	0.6500	2,369,878	0.23699
1,2,4-Trichlorobenzene	120-82-1	X	X	4,800,000	0.4800	1,257,908	0.12579
1,1,1-Trichloroethane	71-55-6	X	X	6,300,000	0.6300	2,546,767	0.25468
1,1,2-Trichloroethane	79-00-5	X	X	290,000	0.0290	90,055	0.00901
Trichloroethene	79-01-6	X	X	12,000,000	1.2000	4,520,666	0.45207
2,4,5-Trichlorophenol	95-95-4	X	X	0	0.0000	16,061	0.00161
2,4,6-Trichlorophenol	88-06-2	X	X	0	0.0000	8,030	0.00080
Vinyl Chloride	75-01-4	X	X	0	0.0000	1,950	0.00020
Xylenes	1330-20-7	X	X	8,900,000	0.8900	2,127,698	0.21277
TOTALS				71,525,000	7.1525	28,705,233	2.87052
Remaining VOCs / HAPs				928,475,000	92.8475	221,294,767	22.12948
Remaining Water				0	0	750,000,000	75.00000

ATTACHMENT 1

CALCULATION OF FUGITIVE PM-10 EMISSIONS

PM_{10} CALCULATIONS
TRUCK AND WASTE SUMMARY
CWM CHEMICAL SERVICES, LLC

Truck and Waste Summary

Vehicle Type	Code	Average Vehicle Weight (tons) Gross Weight	Empty Weight	Payload	Total Vehicles	Vehicle Route
Dump Truck	DT	43.9	17.0	26.8	3,454	Landfill
Rolloff Truck	CM	33.4	21.1	12.2	2,446	Landfill
Tanker Truck	TT	30.8	17.4	13.4	132	AWTS
Vacuum Tanker	VT	31.3	15.9	15.4	8	AWTS
Rolloff Truck	CM	32.1	21.7	10.3	1,023	Stabilization
Dump Truck	DT	39.9	17.1	22.9	634	Stabilization
Pneumatic Truck	PT	33.8	17.0	16.8	22	Stabilization
Tanker Truck	TT	27.6	17.7	9.9	4	Stabilization
Off-Road Truck	---	33.0	19.0	14.0	3,366	Post-Stabilization [a]
Rolloff Truck	CM	37.5	22.1	15.4	50	Transship [b]
Dump Truck	DT	38.8	16.8	22.0	4	Transship [b]
Tanker Truck	TT	25.5	17.8	7.7	34	Transship [b]
Vacuum Tanker	VT	20.4	17.5	2.9	4	Transship [b]
Drum Truck	---	26.4	17.5	8.9	833	Drum Building
Site Vehicles	---	2.5	2.5	---	5,200	AWTS
Delivery Trucks	---	5.0	5.0	---	1,300	AWTS
Personal Vehicles	---	1.5	1.5	---	1,300	AWTS
Personal Vehicles	---	1.5	1.5	---	5,200	Main Office

* Based on CWM waste tracking data and non-waste vehicle estimates for the 12-month period of July 2006 - June 2007

Notes:

a Assumes 2 loaded vehicles for each stabilization vehicle

b Total # vehicles equals twice the actual amount of vehicles since each transship load requires 2 round trips

Total Bulk Waste = (3,454 veh)(26.8 tons/veh) + (2,446 veh)(12.2 tons/veh) + (1,023 veh)(10.3 tons/veh) + (634 veh)(22.9 tons/veh) + (22 veh)(16.8 tons/veh) + (4 veh)(9.9 tons/veh)

Total Bulk Waste = 148,024.6 tpy

Fractions

Dump Trucks = 107,251.2 tons / 148,024.6 tons = 0.724

Rolloff Trucks = 40,795.0 tons / 148,024.6 tons = 0.273

Pneumatic Trucks = 368.8 tons / 148,024.6 tons = 0.002

Tanker Trucks = 39.6 tons / 148,024.6 tons = 0.0003

To be conservative, assume bulk waste increase of 10%

Total Bulk Waste = 162,827.0 tpy

Waste Densities (according to CWM facility records):

Truck	Density (lb/ft^3)
Dump	96
Rolloff	81.5

Volume Calculations

$$\text{Volume}_{(\text{dump})} = \frac{(0.726)(162{,}827.0 \text{ tons})(1\text{ft3})(2000 \text{ lb})}{(1 \text{ yr})(96 \text{ lb})(1 \text{ ton})} = 2.46\text{E+06} \ ft^3$$

$$\text{Volume}_{(\text{rolloff})} = \frac{(0.274)(162{,}827.07 \text{ tons})(1\text{ft3})(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 1.09\text{E+06} \ ft^3$$

$$\text{Volume}_{(\text{pneumatic})} = \frac{(0.002)(162{,}827.0 \text{ tons})(1\text{ft3})(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 9.96\text{E+03} \ ft^3$$

$$\text{Volume}_{(\text{tanker})} = \frac{(0.0003)(162{,}827.0 \text{ tons})(1\text{ft3})(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 1.07\text{E+03} \ ft^3$$

Total Volume = 3.56E+06 ft^3 = 1.32E+05 yd^3

PM_{10} CALCULATIONS
LANDFILL OPERATIONS
CWM CHEMICAL SERVICES, LLC

Landfill Operation

Waste Unloading

Batch Drop equation from AP-42, Section 13.2.4 (11/06):

$$E = k\,(0.0032)\,\frac{(u / 5)^{1.3}}{(M / 2)^{1.4}}$$

where:
- E = emission factor (lb/ton)
- k = 0.35 (for PM_{10})
- u = mean wind speed (mph) = 6.8 (2006 average wind speed - Model City, NY)
- M = % moisture in clay/dirt mix = 14 (from AP-42, Table 13.2.4-1)

$$E = k\,(0.0032)\,\frac{(6.8 / 5)^{1.3}}{(14 / 2)^{1.4}} = 1.089E\text{-}04 \text{ lb/ton}$$

Total Waste Unloaded =	166,645	tons/year	(Includes stabilization materials)
Total Emissions =	18.1	lb/year	
Total Emissions (90% Control)[1] =	1.81	lb/year	
Total Emissions (90% Control)[1] =	0.001	tons/year	

Waste Compaction

Compaction by Bulldozing equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = \frac{(0.75)\,(1.0)\,(\text{silt}\%)^{1.5}}{(\text{moisture}\%)^{1.4}}$$

where: E = Emission rate of PM_{10} in lb/hr

From Table 13.2.4-1 of AP-42 (11/06):

Clay/dirt mix:
- Silt % = 9.2
- Moisture % = 14

$$E = \frac{(0.75)\,(1.0)\,(9.2)^{1.5}}{(14)^{1.4}} = 0.520 \text{ lb/hr}$$

Total Operation hours / year =	1560	(6 hours/day, 5 days/week, 52 weeks/year)
Total Bulldozers Operating =	2	
Total Emissions =	0.8	tons/year
Total Emissions (90% Control)[1] =	0.08	tons/year

Notes:

1 During disposal of identified dusty wastes, CWM Model City applies a water spray to minimize dust emissions. In addition, a dust suppressant material called Con-Cover is used to cover the waste on a daily basis. A 90% control efficiency is used to account for the reduction in PM emissions due to these operational procedures which are required by the Facility's permit.

PM_{10} CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Landfill Construction
Landfill Unit: RMU-1

Material Requirements

Cover Construction (GCL Design)

Material	Volume (yd^3)	Weight (tons)
Soils	157,280	154,999

Material Densities (Appendix A-9 of AP-40, Second Edition)

Material	Density (lb/ft^3)
Coarse Stone	107
Soils	73

Cover Construction Materials Usage per Phase ***

Material	Volume (yd^3)	Weight (tons)
Soils	17,476	17,222

Landfill Activity Span = 9 phases of cover
Total Landfill Life = 18 years (1995 - 2012)

*** No more than one phase of cover is constructed in one 12-month period

Truck nominal payload = 20 tons

$$\text{Trucks/year} = \frac{17{,}222 \text{ tpy}}{20 \text{ tons / truck}} = 861.1 \text{ trucks/year} = 862 \text{ trucks/year}$$

Roadway Construction Inside Active Landfill

Each layer of landfill material is 6 ft high.
Uncapped landfill height = 115 ft
Total layers = 20 (Road surface on 1st 19 layers only)
Total Cells = 14

Assume length of roadway surface as 1/2 the diagonal across 1 RMU-1 cell, then multiplied by 19

RMU-1 Length = 330 ft
RMU-1 Width = 330 ft
Diagonal = 466.7 ft
1/2 Diagonal = 233.3 ft

$$\text{Length} = \frac{(233.3 \text{ ft})(14 \text{ cells})(19 \text{ lifts})}{(\text{cell-lift})} = 62{,}069.8 \text{ ft}$$

Length / year = 3,448.3 ft
Depth = 0.5 ft (6 inches)
Width = 40 ft

Volume (stone) = 68,966.5 ft^3/yr
Volume (stone) = 2,554.3 yd^3/yr
Trucks needed = 185 /year

Operations Stone

Assume 5 trucks per week or 260 trucks per year for miscellaneous stone usage

Total Stone = 5,200.0 tons/year
Total Stone = 97,196.3 ft^3/yr
Total Stone = 3,599.9 yd^3/yr

PM_{10} CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Material Loading / Unloading Emissions

Batch Drop equation from AP-42, Section 13.2.4 (11/06):

$$E = k\,(0.0032)\,\frac{(u/5)^{1.3}}{(M/2)^{1.4}}$$

where:

E = emission factor (lb/ton)
k = 0.35 (for PM_{10})
u = mean wind speed (mph) = 6.8 (2006 average wind speed - Model City, NY)
M_{stone} = % moisture in stone = 0.7 (from AP-42, Table 13.2.4-1)
$M_{topsoil/dirt}$ = % moisture in topsoil/dirt mix = 12 (from AP-42, Table 13.2.4-1)

$$E_{(stone)} = k\,(0.0032)\,\frac{(6.8/5)^{1.3}}{(0.7/2)^{1.4}} = 7.217E\text{-}03 \text{ lb/ton}$$

$$E_{(topsoil/dirt)} = k\,(0.0032)\,\frac{(6.8/5)^{1.3}}{(12/2)^{1.4}} = 1.351E\text{-}04 \text{ lb/ton}$$

Summary - Cover Construction

Material	Usage/Year (tons)	EF (lb/ton)	PM_{10} Emissions (lb/yr)
Soils	17,222	1.351E-04	2.3

Summary - Road Construction

Material	Usage/Year (tons)	EF (lb/ton)	PM_{10} Emissions (lb/yr)
Coarse Stone	3,690	7.217E-03	26.6

Summary - Miscellaneous Stone Usage

Material	Usage/Year (tons)	EF (lb/ton)	PM_{10} Emissions (lb/yr)
Coarse Stone	5,200	7.217E-03	37.5

PM_{10} CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Bulldozing Emissions

Compaction by Bulldozing equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = \frac{(0.75)\ (1.0)\ (\text{silt}\%)^{1.5}}{(\text{moisture}\%)^{1.4}}$$

where: E = Emission rate of PM_{10} in lb/hr

From Table 13.2.4-1 of AP-42 (11/06):

Stone:
Silt % = 1.6
Moisture % = 0.7

Topsoil/Dirt:
Silt % = 9
Moisture % = 12

$$E_{(\text{stone})} = \frac{(0.75)\ (1.0)\ (1.6)^{1.5}}{(0.7)^{1.4}} = 2.501\text{E+00}\ \text{lb/hr}$$

$$E_{(\text{topsoil/dirt})} = \frac{(0.75)\ (1.0)\ (9)^{1.5}}{(12)^{1.4}} = 6.246\text{E-01}\ \text{lb/hr}$$

Total Cover Construction hours / year =	600	(10 hours/day, 5 days/week, 12 weeks/year)
Roadway Construction hours/year =	80	
Miscellaneous Stone operation hours/year =	100	
Total Bulldozers Operating / Activity =	2	

Summary - Cover Construction

Material	Hours/Year	EF (lb/hr)	PM_{10} Emissions (lb/yr)
Soils	600	6.246E-01	749.5

Summary - Road Construction

Material	Hours/Year	EF (lb/hr)	PM_{10} Emissions (lb/yr)
Coarse Stone	80	2.501E+00	400.2

Summary - Miscellaneous Stone Usage

Material	Hours/Year	EF (lb/hr)	PM_{10} Emissions (lb/yr)
Coarse Stone	100	2.501E+00	500.2

PM_{10} CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Grading Emissions

Grading equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = (0.60)\ (0.51)\ (\text{veh speed})^2$$

Assume avg. grader speed = 7.39 mph (650 fpm)

E = 16.711 lb / VMT (independent of material being graded)

Assume equipment blades are 10 feet wide
Assume grading depth of 0.5 feet (6 inches)

1 cubic yard of material graded every 5.4 feet
1 VMT (grader) = 977.8 yd^3 of material graded

EF = 0.017 lb PM_{10} / yd^3

Summary - Cover Construction

Material	Usage/Year (yd^3)	EF (lb/yd^3)	PM_{10} Emissions (lb/yr)
Soils	17,476	1.709E-02	298.7

Summary - Road Construction

Material	Usage/Year (yd^3)	EF (lb/yd^3)	PM_{10} Emissions (lb/yr)
Coarse Stone	2,554	1.709E-02	43.7

Summary - Miscellaneous Stone Usage

Material	Usage/Year (yd^3)	EF (lb/yd^3)	PM_{10} Emissions (lb/yr)
Coarse Stone	3,600	1.709E-02	61.5

PM_{10} CALCULATIONS
PAVED / UNPAVED ROAD DUST
CWM CHEMICAL SERVICES, LLC

Paved / Unpaved Roads - RMU-1

Road Segment #	Vehicles on Segment	NO. OF VEHICLES [a] PER YEAR	AVERAGE FULL VEHICLE WEIGHT [b] (tons)	AVERAGE EMPTY VEHICLE WEIGHT [b] (tons)	ACTUAL MEAN VEHICLE WEIGHT [b] (tons)	MILES TRAVELED (c) (MILES)	SILT CONTENT [d] (g/m^2)	PM10 Emission Rate (lb/VMT) [j]	Uncontrolled PM10 (TPY)	Efficiency (%) [g] PM10 (TPY)	Controlled PM10 [h] (TPY)
PAVED										PAVED	
1-2	Landfill Disposal	5,900	39.5	18.7	29.1	4,800.5	7.4				
	AWTS	140	30.8	17.3	24.0	113.9	7.4				
	Stabilization	1,683	35.1	19.9	27.5	1,369.4	7.4				
	Transship	92	32.4	20.1	26.2	74.9	7.4				
	Drums	833	26.4	17.5	22.0	677.8	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	4,230.9	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	1,057.7	7.4				
	Personal Veh.	6,500	1.5	1.5	1.5	5,288.6	7.4				
Total/Average		21,648			12.5	17,613.6	7.4	0.179	1.580	90	0.16
2-3	Landfill Disposal	5,900	39.5	18.7	29.1	3,857.3	7.4				
	AWTS	140	30.8	17.3	24.0	91.5	7.4				
	Stabilization	1,683	35.1	19.9	27.5	1,100.3	7.4				
	Transship	92	32.4	20.1	26.2	60.1	7.4				
	Drums	833	26.4	17.5	22.0	544.6	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	3,399.7	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	849.9	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	849.9	7.4				
Total/Average		16,448			16.0	10,753.5	7.4	0.230	1.239	90	0.12
4-10	Landfill Disposal	5,900	39.5	18.7	29.1	1,423.6	7.4				
	AWTS	140	30.8	17.3	24.0	33.8	7.4				
	Stabilization	1,683	35.1	19.9	27.5	406.1	7.4				
	Transship	92	32.4	20.1	26.2	22.2	7.4				
	Drums	833	26.4	17.5	22.0	201.0	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,254.7	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	313.7	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	313.7	7.4				
Total/Average		16,448			16.0	3,968.7	7.4	0.230	0.457	90	0.05
5-6	Stabilization	1,683	35.1	19.9	27.5	458.4	7.4				
Total/Average		1,683			27.5	458.4	7.4	0.399	0.092	90	0.01
7-8	Post-Stabilization	3,366	33.0	19.0	26.0	998.3	7.4				
Total/Average		3,366			26.0	998.3	7.4	0.377	0.188	90	0.02
8-14	Post-Stabilization	3,366	33.0	19.0	26.0	606.9	7.4				
	Drums	833	26.4	17.5	22.0	150.2	7.4				
Total/Average		4,199			25.2	757.1	7.4	0.365	0.138	90	0.01
10-11	Landfill Disposal	5,900	39.5	18.7	29.1	969.9	7.4				
	AWTS	140	30.8	17.3	24.0	23.0	7.4				
	Stabilization	1,683	35.1	19.9	27.5	276.7	7.4				
	Drums	833	26.4	17.5	22.0	136.9	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	854.8	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	213.7	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	213.7	7.4				
Total/Average		16,356			16.0	2,688.8	7.4	0.230	0.309	90	0.03
11-12	AWTS	140	30.8	17.3	24.0	37.8	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,402.4	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	350.6	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	350.6	7.4				
Total/Average		7,940			3.1	2,141.4	7.4	0.043	0.047	90	0.00
11-13	Landfill Disposal	5,900	39.5	18.7	29.1	1,068.3	7.4				
	Drums	833	26.4	17.5	22.0	150.8	7.4				
Total/Average		6,733			28.2	1,219.1	7.4	0.411	0.250	90	0.03
13-14	Drums	833	26.4	17.5	22.0	215.8	7.4				
Total/Average		833			22.0	215.8	7.4	0.318	0.034	90	0.00
15-16	Landfill Disposal	5,900	39.5	18.7	29.1	3,479.7	7.4				
	Post-Stabilization	3,366	33.0	19.0	26.0	1,985.2	7.4				
	Construction	22,282	36.8	16.8	26.8	13,141.3	7.4				
Total/Average		31,548			27.1	18,606.2	7.4	0.394	3.664	90	0.37
16-17	Landfill Disposal	5,900	39.5	18.7	29.1	1,591.2	7.4				
	Construction	22,282	36.8	16.8	26.8	6,009.4	7.4				
Total/Average		28,182			27.2	7,600.6	7.4	0.396	1.504	90	0.15
18-19	Construction	22,282	36.8	16.8	26.8	8,507.7	7.4				
Total/Average		22,282			26.8	8,507.7	7.4	0.388	1.652	90	0.17
										Total	1.12

PM_{10} CALCULATIONS
PAVED / UNPAVED ROAD DUST
CWM CHEMICAL SERVICES, LLC

		UNPAVED								UNPAVED	
3-4	Landfill Disposal	5,900	39.5	18.7	29.1	1,644.8	6.4				
	AWTS	140	30.8	17.3	24.0	39.0	6.4				
	Stabilization	1,683	35.1	19.9	27.5	469.2	6.4				
	Transship	92	32.4	20.1	26.2	25.6	6.4				
	Drums	833	26.4	17.5	22.0	232.2	6.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,449.7	6.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	362.4	6.4				
	Personal Veh.	1,300	1.5	1.5	1.5	362.4	6.4				
Total/Average		16,448			16.0	4,585.5	6.4	1.811	4.152	90	0.42
4-5	Stabilization	1,683	35.1	19.9	27.5	443.7	6.4				
Total/Average		1,683			27.5	443.7	6.4	2.308	0.512	90	0.05
9-10	Transship	92	32.4	20.1	26.2	14.1	6.4				
Total/Average		92			26.2	14.1	6.4	2.261	0.016	90	0.00
14-16	Post-Stabilization	3,366	33.0	19.0	26.0	1,354.1	6.4				
Total/Average		3,366			26.0	1,354.1	6.4	2.251	1.524	90	0.15
13-17	Landfill Disposal	5,900	39.5	18.7	29.1	2,344.4	6.4				
Total/Average		5,900			29.1	2,344.4	6.4	2.370	2.778	90	0.28
17-18	Construction	22,282	36.8	16.8	26.8	12,947.2	6.4				
Total/Average		22,282			26.8	12,947.2	6.4	2.280	14.761	90	1.48
19-20	Construction	22,282	36.8	16.8	26.8	21,623.7	6.4				
Total/Average		22,282			26.8	21,623.7	6.4	2.280	24.654	90	2.47
										Total	4.84

EQUATIONS:

A Fugitive emissions from paved site roads are based on emission factors from AP-42 Section 13.2.1.3 (Equation 1 for paved roads).
Constant 'k' (particle size multiplier) from AP-42 Table 13.2-1.1.

Calculations

$E\ (lb/VMT) = [k(sL)^{.91}(W)^{1.02}]$

E(TPY) = E(lb/VMT)*(VMT/truck)*(truck/d)*(d/week)*(week/yr)/2000

Variables/Constants

k = particle size multiplier (dimensionless)
K(PM10) = 0.0022 lb/VMT
W = Average weight of vehicle in tons
sL = silt loading sL = 7.4 g/m^2

B Fugitive emissions from trucks driving on unpaved surfaces, will use emission factor equation in AP-42 Section 13.2.2.4 (Equation 1a for unpaved roads)

Calculations

$E\ (lb/VMT) = [k(s/12)^{a}(W/3)^{b}]$

E(TPY) = E(lb/VMT)*(VMT/truck)*(truck/yr)/2000

Variables/Constants

k = particle size multiplier (dimensionless)
k(PM10) = 1.5 lb/VMT

a = Constant a(PM10) = 0.9
b = Constant b(PM10) = 0.45
s = silt content (%)
(measured or estimated - varies for different sources/materials - see below)
s = 6.4 %

NOTES:

a Number of vehicles information was provided by Site specific data which was supplied by the Site (July 2006 - June 2007)
b Vehicle weight information was provided by Site specific data which was supplied by the Site (July 2006 - June 2007)
c The round-trip distance traveled on the roads determined from analysis of CAD drawing of site (See Below)
d Silt content was referenced from Section 13.2.1 or 13.2.2 from AP-42.
f PM emissions were calculated using equations as shown above.
g Control efficiencies for paved and unpaved roads (and surfaces treated as unpaved roads) were referenced from Table B.2-3 of Appendix B of AP-42; water trucks are used at the Facility to control dust emissions from paved and unpaved roads, and are required by the Facility's permit.
h Controlled PM emissions were calculated by applying the control efficiency to the calculated PM-TPY value.

Distances determined from AutoCAD analysis of Site Drawing

Segment	Length (ft)
1-2	2148
2-3	1726
4-10	637
5-6	719
7-8	783
8-14	476
10-11	434
11-12	712
11-13	478
13-14	684
15-16	1557
16-17	712
18-19	1008
3-4	736
4-5	696
9-10	405
14-16	1062
13-17	1049
17-18	1534
19-20	2562

PM_{10} CALCULATIONS
SILO LOADING / STABILIZATION BAGHOUSES
CWM CHEMICAL SERVICES, LLC

Cement Kiln Silo Loading

- Cement Kiln Silo

Total Waste Stabilized at Facility = 25,454.0 tons/year

- Assume that 15% CKD is added to treat waste

CKD Consumption = 3,818.1 tons/year

* Section 11.12 of AP-42 (6/06) lists controlled emission factor for cement loading to elevated storage silo (pneumatic) as 0.00099 lb/ton loaded (Table 11.12-2)

** Assume that all particulate matter is PM_{10} to be conservative

PM_{10} emissions = 3.78 lb/year
PM_{10} emissions = 0.002 TPY

Lime Silo (AWTS Facility)

From Facility Records:

2005 Lime Consumption = 110 tons
2006 Lime Consumption = 110 tons

* Section 11.17 of AP-42 (2/98) lists emission factor for lime loading (enclosed truck) as:
0.61 lb/ton (Table 11.17-4)

** Assume that all particulate matter is PM_{10} to be conservative

PM_{10} emissions = 67.10 lb/year
PM_{10} emissions = 0.03 TPY

Stabilization Baghouses

- 2 stabilization baghouses in operation

- Facility records indicate that approximately 200 lb of particulates are removed from hoppers every 2 weeks

Collected PM = 5,200 lb/year

- Assume 99 percent capture efficiency in stabilization baghouse
- Assume that all particulate matter is PM_{10}

PM_{10} Emissions = 52.5 lb/year (Controlled emissions)

Baghouse Flowrates:

			Fraction of Total
Baghouse 1 =	90,000	cfm	0.643
Baghouse 2 =	50,000	cfm	0.357

- Proportion emissions according to flowrate in each baghouse

Baghouse #1 Emissions = 33.8 lb/year
Baghouse #1 Emissions = 0.02 tons/year
Baghouse #2 Emissions = 18.8 lb/year
Baghouse #2 Emissions = 0.01 tons/year

PM_{10} CALCULATIONS
LANDFILL TOTALS
CWM CHEMICAL SERVICES, LLC

1/6/2014

Totals

Process	PM_{10} Emissions (lb/year)	PM_{10} Emissions (TPY)
Landfill Operation		
Waste Unloading	1.8	0.00
Waste Compaction	162.3	0.08
Paved Roads	2,230.8	1.12
Unpaved Roads	9,679.4	4.84
Totals	**12,074.3**	**6.04**
Landfill Construction (RMU-1)		
Material Loading/Unloading	66.5	0.03
Bulldozing/Compaction	1,649.8	0.82
Grading	403.9	0.20
Totals	**2,120.1**	**1.06**
Silo Loading		
Cement Kiln Silo	3.8	0.002
Lime Silo (AWTS Facility)	67.1	0.03
Totals	**70.9**	**0.04**
Stabilization Baghouses		
Baghouse # 1	33.8	0.02
Baghouse # 2	18.8	0.01
Totals	**52.5**	**0.03**
Facility Totals	**14,317.9**	**7.16**

ATTACHMENT 2

CALCULATION OF FUGITIVE PM-2.5 EMISSIONS

$PM_{2.5}$ CALCULATIONS
TRUCK AND WASTE SUMMARY
CWM CHEMICAL SERVICES, LLC

Truck and Waste Summary

Vehicle Type	Code	Average Vehicle Weight (tons) Gross Weight	Empty Weight	Payload	Total Vehicles	Vehicle Route
Dump Truck	DT	43.9	17.0	26.8	3,454	Landfill
Rolloff Truck	CM	33.4	21.1	12.2	2,446	Landfill
Tanker Truck	TT	30.8	17.4	13.4	132	AWTS
Vacuum Tanker	VT	31.3	15.9	15.4	8	AWTS
Rolloff Truck	CM	32.1	21.7	10.3	1,023	Stabilization
Dump Truck	DT	39.9	17.1	22.9	634	Stabilization
Pneumatic Truck	PT	33.8	17.0	16.8	22	Stabilization
Tanker Truck	TT	27.6	17.7	9.9	4	Stabilization
Off-Road Truck	---	33.0	19.0	14.0	3,366	Post-Stabilization [a]
Rolloff Truck	CM	37.5	22.1	15.4	50	Transship [b]
Dump Truck	DT	38.8	16.8	22.0	4	Transship [b]
Tanker Truck	TT	25.5	17.8	7.7	34	Transship [b]
Vacuum Tanker	VT	20.4	17.5	2.9	4	Transship [b]
Drum Truck	---	26.4	17.5	8.9	833	Drum Building
Site Vehicles	---	2.5	2.5	---	5,200	AWTS
Delivery Trucks	---	5.0	5.0	---	1,300	AWTS
Personal Vehicles	---	1.5	1.5	---	1,300	AWTS
Personal Vehicles	---	1.5	1.5	---	5,200	Main Office

* Based on CWM waste tracking data and non-waste vehicle estimates for the 12-month period of July 2006 - June 2007

Notes:

a Assumes 2 loaded vehicles for each stabilization vehicle

b Total # vehicles equals twice the actual amount of vehicles since each transship load requires 2 round trips

Total Bulk Waste = (3,454 veh)(26.8 tons/veh) + (2,446 veh)(12.2 tons/veh) + (1,023 veh)(10.3 tons/veh) + (634 veh)(22.9 tons/veh) + (22 veh)(16.8 tons/veh) + (4 veh)(9.9 tons/veh)

Total Bulk Waste = 148,024.6 tpy

Fractions

Dump Trucks = 107,251.2 tons / 148,024.6 tons = 0.724

Rolloff Trucks = 40,795.0 tons / 148,024.6 tons = 0.273

Pneumatic Trucks = 368.8 tons / 148,024.6 tons = 0.002

Tanker Trucks = 39.6 tons / 148,024.6 tons = 0.0003

To be conservative, assume bulk waste increase of 10%

Total Bulk Waste = 162,827.0 tpy

Waste Densities (according to CWM facility records):

Truck	Density (lb/ft^3)
Dump	96
Rolloff	81.5

Volume Calculations

$$Volume_{(dump)} = \frac{(0.726)(162{,}827.0 \text{ tons})(1ft3)(2000 \text{ lb})}{(1 \text{ yr})(96 \text{ lb})(1 \text{ ton})} = 2.46E{+}06 \ ft^3$$

$$Volume_{(rolloff)} = \frac{(0.274)(162{,}827.07 \text{ tons})(1ft3)(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 1.09E{+}06 \ ft^3$$

$$Volume_{(pneumatic)} = \frac{(0.002)(162{,}827.0 \text{ tons})(1ft3)(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 9.96E{+}03 \ ft^3$$

$$Volume_{(tanker)} = \frac{(0.0003)(162{,}827.0 \text{ tons})(1ft3)(2000 \text{ lb})}{(1 \text{ yr})(81.5 \text{ lb})(1 \text{ ton})} = 1.07E{+}03 \ ft^3$$

Total Volume = 3.56E+06 ft^3 = 1.32E+05 yd^3

$PM_{2.5}$ CALCULATIONS
LANDFILL OPERATIONS
CWM CHEMICAL SERVICES, LLC

Landfill Operation

Waste Unloading

Batch Drop equation from AP-42, Section 13.2.4 (11/06):

$$E = k\,(0.0032)\,\frac{(u / 5)^{1.3}}{(M / 2)^{1.4}}$$

where:
- E = emission factor (lb/ton)
- k = 0.053 (for $PM_{2.5}$)
- u = mean wind speed (mph) = 6.8 (2006 average wind speed - Model City, NY)
- M = % moisture in clay/dirt mix = 14 (from AP-42, Table 13.2.4-1)

$$E = k\,(0.0032)\,\frac{(6.8 / 5)^{1.3}}{(14 / 2)^{1.4}} = 1.649E\text{-}05 \text{ lb/ton}$$

Total Waste Unloaded =	166,645	tons/year	(Includes stabilization materials)
Total Emissions =	2.7	lb/year	
Total Emissions (40% Control)[1] =	1.65	lb/year	
Total Emissions (40% Control)[1] =	0.001	tons/year	

Waste Compaction

Compaction by Bulldozing equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = \frac{(0.105)\,(5.7)\,(\text{silt}\%)^{1.2}}{(\text{moisture}\%)^{1.3}}$$

where: E = Emission rate of $PM_{2.5}$ in lb/hr

From Table 13.2.4-1 of AP-42 (11/06):

Clay/dirt mix:
- Silt % = 9.2
- Moisture % = 14

$$E = \frac{(0.105)\,(5.7)\,(9.2)^{1.2}}{(14)^{1.3}} = 0.278 \text{ lb/hr}$$

Total Operation hours / year =	1560	(6 hours/day, 5 days/week, 52 weeks/year)
Total Bulldozers Operating =	2	
Total Emissions =	0.4	tons/year
Total Emissions (40% Control)[1] =	0.26	tons/year

Notes:

1 During disposal of identified dusty wastes, CWM Model City applies a water spray to minimize dust emissions. In addition, a dust suppressant material called Con-Cover is used to cover the waste on a daily basis. A 40% control efficiency is used to account for the reduction in PM emissions due to these operational procedures which are required by the

Facility's permit.

$PM_{2.5}$ CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Landfill Construction
Landfill Unit: RMU-1

Material Requirements

Cover Construction (GCL Design)

Material	Volume (yd^3)	Weight (tons)
Soils	157,280	154,999

Material Densities (Appendix A-9 of AP-40, Second Edition)

Material	Density (lb/ft^3)
Coarse Stone	107
Soils	73

Cover Construction Materials Usage / Phase ***

Material	Volume (yd^3)	Weight (tons)
Soils	17,476	17,222

Landfill Activity Span = 9 phases of cover
Total Landfill Life = 18 years (1995 - 2012)

*** No more than one phase of cover is constructed in one 12-month period

Truck nominal payload = 20 tons

$$\text{Trucks/year} = \frac{17{,}222 \text{ tpy}}{20 \text{ tons / truck}} = 861.1 \text{ trucks/year} = 862 \text{ trucks/year}$$

Roadway Construction Inside Active Landfill

Each layer of landfill material is 6 ft high.
Uncapped landfill height = 115 ft
Total layers = 20 (Road surface on 1st 19 layers only)
Total Cells = 14

Assume length of roadway surface as 1/2 the diagonal across 1 RMU-1 cell, then multiplied by 19

RMU-1 Length = 330 ft
RMU-1 Width = 330 ft
Diagonal = 466.7 ft
1/2 Diagonal = 233.3 ft

$$\text{Length} = \frac{(233.3 \text{ ft})(14 \text{ cells})(19 \text{ lifts})}{(\text{cell-lift})} = 62{,}069.8 \text{ ft}$$

Length / year = 3,448 ft
Depth = 0.5 ft (6 inches)
Width = 40 ft

Volume (stone) = 68,966 ft^3/yr
Volume (stone) = 2,554 yd^3/yr
Trucks needed = 185 /year

Operations Stone

Assume 5 trucks per week or 260 trucks per year for miscellaneous stone usage

Total Stone = 5,200 tons/year
Total Stone = 97,196 ft^3/yr
Total Stone = 3,600 yd^3/yr

$PM_{2.5}$ CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Material Loading / Unloading Emissions

Batch Drop equation from AP-42, Section 13.2.4 (11/06):

$$E = k\ (0.0032)\ \frac{(u / 5)^{1.3}}{(M / 2)^{1.4}}$$

where:

E =	emission factor (lb/ton)		
k =	0.053 (for $PM_{2.5}$)		
u =	mean wind speed (mph) =	6.8	(2006 average wind speed - Model City, NY)
M_{stone} =	% moisture in stone =	0.7	(from AP-42, Table 13.2.4-1)
$M_{topsoil/dirt}$ =	% moisture in topsoil/dirt mix =	12	(from AP-42, Table 13.2.4-1)

$$E_{(stone)} = k\ (0.0032)\ \frac{(6.8 / 5)^{1.3}}{(0.7 / 2)^{1.4}} = 1.093E\text{-}03 \text{ lb/ton}$$

$$E_{(topsoil/dirt)} = k\ (0.0032)\ \frac{(6.8 / 5)^{1.3}}{(12 / 2)^{1.4}} = 2.046E\text{-}05 \text{ lb/ton}$$

Summary - Cover Construction

Material	Usage/Year (tons)	EF (lb/ton)	$PM_{2.5}$ Emissions (lb/yr)
Soils	17,222	2.046E-05	0.4

Summary - Road Construction

Material	Usage/Year (tons)	EF (lb/ton)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	3,690	1.093E-03	4.0

Summary - Miscellaneous Stone Usage

Material	Usage/Year (tons)	EF (lb/ton)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	5,200	1.093E-03	5.7

$PM_{2.5}$ CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Bulldozing Emissions

Compaction by Bulldozing equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = \frac{(0.105)\ (5.7)\ (\text{silt}\%)^{1.2}}{(\text{moisture}\%)^{1.3}}$$

where: E = Emission rate of $PM_{2.5}$ in lb/hr

From Table 13.2.4-1 of AP-42 (11/06):

Stone:
Silt % = 1.6
Moisture % = 0.7

Topsoil/Dirt:
Silt % = 9
Moisture % = 12

$$E_{(\text{stone})} = \frac{(0.105)\ (5.7)\ (1.6)^{1.2}}{(0.7)^{1.3}} = 1.673E{+}00 \text{ lb/hr}$$

$$E_{(\text{topsoil/dirt})} = \frac{(0.105)\ (5.7)\ (9)^{1.2}}{(12)^{1.3}} = 3.305E{-}01 \text{ lb/hr}$$

Total Cover Construction hours / year =	600	(10 hours/day, 5 days/week, 12 weeks/year)
Roadway Construction hours/year =	80	
Miscellaneous Stone operation hours/year =	100	
Total Bulldozers Operating / Activity =	2	

Summary - Cover Construction

Material	Hours/Year	EF (lb/hr)	$PM_{2.5}$ Emissions (lb/yr)
Soils	600	3.305E-01	396.6

Summary - Road Construction

Material	Hours/Year	EF (lb/hr)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	80	1.673E+00	267.6

Summary - Miscellaneous Stone Usage

Material	Hours/Year	EF (lb/hr)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	100	1.673E+00	334.5

$PM_{2.5}$ CALCULATIONS
LANDFILL CONSTRUCTION - RMU-1 LANDFILL
CWM CHEMICAL SERVICES, LLC

Grading Emissions

Grading equation from Table 11.9-1 of Supplement E of AP-42 Fourth Edition (7/98):

$$E = (0.031)\ (0.040)\ (\text{veh speed})^{2.5}$$

Assume avg. grader speed = 7.39 mph (650 fpm)

E = 0.184 lb / VMT (independent of material being graded)

Assume equipment blades are 10 feet wide
Assume grading depth of 0.5 feet (6 inches)

1 cubic yard of material graded every 5.4 feet
1 VMT (grader) = 977.8 yd^3 of material graded

EF = 0.0002 lb $PM_{2.5}$ / yd^3

Summary - Cover Construction

Material	Usage/Year (yd^3)	EF (lb/yd^3)	$PM_{2.5}$ Emissions (lb/yr)
Soils	17,476	1.883E-04	3.3

Summary - Road Construction

Material	Usage/Year (yd^3)	EF (lb/yd^3)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	2,554	1.883E-04	0.5

Summary - Miscellaneous Stone Usage

Material	Usage/Year (yd^3)	EF (lb/yd^3)	$PM_{2.5}$ Emissions (lb/yr)
Coarse Stone	3,600	1.883E-04	0.7

$PM_{2.5}$ CALCULATIONS
PAVED / UNPAVED ROAD DUST
CWM CHEMICAL SERVICES, LLC

Paved / Unpaved Roads - RMU-1

Road Segment #	Vehicles on Segment	NO. OF VEHICLES [a] PER YEAR	AVERAGE FULL VEHICLE WEIGHT [b] (tons)	AVERAGE EMPTY VEHICLE WEIGHT [b] (tons)	ACTUAL MEAN VEHICLE WEIGHT [b] (tons)	MILES TRAVELED (c) (MILES)	SILT CONTENT [d] (g/m^2)	PM2.5 Emission Rate (lb/VMT) [f]	Uncontrolled PM2.5 (TPY)	Efficiency (%) [g] PM2.5 (TPY)	Controlled PM2.5 [h] (TPY)
PAVED										**PAVED**	
1-2	Landfill Disposal	5,900	39.5	18.7	29.1	4,800.5	7.4				
	AWTS	140	30.8	17.3	24.0	113.9	7.4				
	Stabilization	1,683	35.1	19.9	27.5	1,369.4	7.4				
	Transship	92	32.4	20.1	26.2	74.9	7.4				
	Drums	833	26.4	17.5	22.0	677.8	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	4,230.9	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	1,057.7	7.4				
	Personal Veh.	6,500	1.5	1.5	1.5	5,288.6	7.4				
Total/Average		21,648			12.5	17,613.6	7.4	0.044	0.388	40	0.23
2-3	Landfill Disposal	5,900	39.5	18.7	29.1	3,857.3	7.4				
	AWTS	140	30.8	17.3	24.0	91.5	7.4				
	Stabilization	1,683	35.1	19.9	27.5	1,100.3	7.4				
	Transship	92	32.4	20.1	26.2	60.1	7.4				
	Drums	833	26.4	17.5	22.0	544.6	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	3,399.7	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	849.9	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	849.9	7.4				
Total/Average		16,448			16.0	10,753.5	7.4	0.057	0.304	40	0.18
4-10	Landfill Disposal	5,900	39.5	18.7	29.1	1,423.6	7.4				
	AWTS	140	30.8	17.3	24.0	33.8	7.4				
	Stabilization	1,683	35.1	19.9	27.5	406.1	7.4				
	Transship	92	32.4	20.1	26.2	22.2	7.4				
	Drums	833	26.4	17.5	22.0	201.0	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,254.7	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	313.7	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	313.7	7.4				
Total/Average		16,448			16.0	3,968.7	7.4	0.057	0.112	40	0.07
5-6	Stabilization	1,683	35.1	19.9	27.5	458.4	7.4				
Total/Average		1,683			27.5	458.4	7.4	0.098	0.022	40	0.01
7-8	Post-Stabilization	3,366	33.0	19.0	26.0	998.3	7.4				
Total/Average		3,366			26.0	998.3	7.4	0.093	0.046	40	0.03
8-14	Post-Stabilization	3,366	33.0	19.0	26.0	606.9	7.4				
	Drums	833	26.4	17.5	22.0	150.2	7.4				
Total/Average		4,199			25.2	757.1	7.4	0.090	0.034	40	0.02
10-11	Landfill Disposal	5,900	39.5	18.7	29.1	969.9	7.4				
	AWTS	140	30.8	17.3	24.0	23.0	7.4				
	Stabilization	1,683	35.1	19.9	27.5	276.7	7.4				
	Drums	833	26.4	17.5	22.0	136.9	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	854.8	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	213.7	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	213.7	7.4				
Total/Average		16,356			16.0	2,688.8	7.4	0.056	0.076	40	0.05
11-12	AWTS	140	30.8	17.3	24.0	37.8	7.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,402.4	7.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	350.6	7.4				
	Personal Veh.	1,300	1.5	1.5	1.5	350.6	7.4				
Total/Average		7,940			3.1	2,141.4	7.4	0.011	0.011	40	0.01
11-13	Landfill Disposal	5,900	39.5	18.7	29.1	1,068.3	7.4				
	Drums	833	26.4	17.5	22.0	150.8	7.4				
Total/Average		6,733			28.2	1,219.1	7.4	0.101	0.061	40	0.04
13-14	Drums	833	26.4	17.5	22.0	215.8	7.4				
Total/Average		833			22.0	215.8	7.4	0.078	0.008	40	0.01
15-16	Landfill Disposal	5,900	39.5	18.7	29.1	3,479.7	7.4				
	Post-Stabilization	3,366	33.0	19.0	26.0	1,985.2	7.4				
	Construction	22,282	36.8	16.8	26.8	13,141.3	7.4				
Total/Average		31,548			27.1	18,606.2	7.4	0.097	0.899	40	0.54
16-17	Landfill Disposal	5,900	39.5	18.7	29.1	1,591.2	7.4				
	Construction	22,282	36.8	16.8	26.8	6,009.4	7.4				
Total/Average		28,182			27.2	7,600.6	7.4	0.097	0.369	40	0.22
18-19	Construction	22,282	36.8	16.8	26.8	8,507.7	7.4				
Total/Average		22,282			26.8	8,507.7	7.4	0.095	0.406	40	0.24
										Total	**1.64**

$PM_{2.5}$ CALCULATIONS
PAVED / UNPAVED ROAD DUST
CWM CHEMICAL SERVICES, LLC

1/6/2014

		UNPAVED								UNPAVED	
3-4	Landfill Disposal	5,900	39.5	18.7	29.1	1,644.8	6.4				
	AWTS	140	30.8	17.3	24.0	39.0	6.4				
	Stabilization	1,683	35.1	19.9	27.5	469.2	6.4				
	Transship	92	32.4	20.1	26.2	25.6	6.4				
	Drums	833	26.4	17.5	22.0	232.2	6.4				
	Site Vehicles	5,200	2.5	2.5	2.5	1,449.7	6.4				
	Delivery Trucks	1,300	5.0	5.0	5.0	362.4	6.4				
	Personal Veh.	1,300	1.5	1.5	1.5	362.4	6.4				
Total/Average		16,448			16.0	4,585.5	6.4	0.181	0.415	40	0.25
4-5	Stabilization	1,683	35.1	19.9	27.5	443.7	6.4				
Total/Average		1,683			27.5	443.7	6.4	0.231	0.051	40	0.03
9-10	Transship	92	32.4	20.1	26.2	14.1	6.4				
Total/Average		92			26.2	14.1	6.4	0.226	0.002	40	0.00
14-16	Post-Stabilization	3,366	33.0	19.0	26.0	1,354.1	6.4				
Total/Average		3,366			26.0	1,354.1	6.4	0.225	0.152	40	0.09
13-17	Landfill Disposal	5,900	39.5	18.7	29.1	2,344.4	6.4				
Total/Average		5,900			29.1	2,344.4	6.4	0.237	0.278	40	0.17
17-18	Construction	22,282	36.8	16.8	26.8	12,947.2	6.4				
Total/Average		22,282			26.8	12,947.2	6.4	0.228	1.476	40	0.89
19-20	Construction	22,282	36.8	16.8	26.8	21,623.7	6.4				
Total/Average		22,282			26.8	21,623.7	6.4	0.228	2.465	40	1.48
										Total	2.90

EQUATIONS:

A Fugitive emissions from paved site roads are based on emission factors from AP-42 Section 13.2.1.3 (Equation 1 for paved roads).
Constant 'k' (particle size multiplier) from AP-42 Table 13.2-1.1.

Calculations

$E\ (lb/VMT) = [k(sL)^{.91}(W)^{1.02}]$

E(TPY) = E(lb/VMT)*(VMT/truck)*(truck/d)*(d/week)*(week/yr)/2000

Variables/Constants

k = particle size multiplier (dimensionless)

K(PM2.5) = 0.00054 lb/VMT

W = Average weight of vehicle in tons

sL = silt loading $sL = 7.4\ g/m^2$

B Fugitive emissions from trucks driving on unpaved surfaces, will use emission factor equation in AP-42 Section 13.2.2.4 (Equation 1a for unpaved roads)

Calculations

$E\ (lb/VMT) = [k(s/12)^a(W/3)^b]$

E(TPY) = E(lb/VMT)*(VMT/truck)*(truck/yr)/2000

Variables/Constants

k = particle size multiplier (dimensionless)

k(PM2.5) = 0.15 lb/VMT

a = Constant a(PM2.5) = 0.9

b = Constant b(PM2.5) = 0.45

s = silt content (%)
(measured or estimated - varies for different sources/materials - see below)

s = 6.4 %

NOTES:

a Number of vehicles information was provided by Site specific data which was supplied by the Site (July 2006 - June 2007)

b Vehicle weight information was provided by Site specific data which was supplied by the Site (July 2006 - June 2007)

c The round-trip distance traveled on the roads determined from analysis of CAD drawing of site (See Below)

d Silt content was referenced from Section 13.2.1 or 13.2.2 from AP-42.

f PM emissions were calculated using equations as shown above.

g Control efficiencies for paved and unpaved roads (and surfaces treated as unpaved roads) were referenced from Table B.2-3 of Appendix B of AP-42; water trucks are used at the Facility to control dust emissions from paved and unpaved roads, and are required by the Facility's permit.

h Controlled PM emissions were calculated by applying the control efficiency to the calculated PM-TPY value.

Distances determined from AutoCAD analysis of Site Drawing

Segment	Length (ft)
1-2	2148
2-3	1726
4-10	637
5-6	719
7-8	783
8-14	476
10-11	434
11-12	712
11-13	478
13-14	684
15-16	1557
16-17	712
18-19	1008
3-4	736
4-5	696
9-10	405
14-16	1062
13-17	1049
17-18	1534
19-20	2562

$PM_{2.5}$ CALCULATIONS
SILO LOADING AND STABILIZATION BAGHOUSES
CWM CHEMICAL SERVICES, LLC

1/6/2014

Cement Kiln Silo Loading

- Cement Kiln Silo

Total Waste Stabilized at Facility = 25,454.0 tons/year

- Assume that 15% CKD is added to treat waste

CKD Consumption = 3,818.1 tons/year

* Section 11.12 of AP-42 (6/06) lists controlled emission factor for cement loading to elevated storage silo (pneumatic) as 0.00099 lb/ton loaded (Table 11.12-2)

** Assume that all particulate matter is $PM_{2.5}$ to be conservative

$PM_{2.5}$ emissions = 3.78 lb/year
$PM_{2.5}$ emissions = 0.002 TPY

Lime Silo (AWTS Facility)

From Facility Records:

2005 Lime Consumption = 110 tons
2006 Lime Consumption = 110 tons

* Section 11.17 of AP-42 (2/98) lists emission factor for lime loading (enclosed truck) as:
0.61 lb/ton (Table 11.17-4)

** Assume that all particulate matter is $PM_{2.5}$ to be conservative

$PM_{2.5}$ emissions = 67.10 lb/year
$PM_{2.5}$ emissions = 0.03 TPY

Stabilization Baghouses

- 2 stabilization baghouses in operation

- Facility records indicate that approximately 200 lb of particulates are removed from hoppers every 2 weeks

Collected PM = 5,200 lb/year

- Assume 99 percent capture efficiency in stabilization baghouse
** Assume that all particulate matter is $PM_{2.5}$ to be conservative

$PM_{2.5}$ Emissions = 52.5 lb/year (Controlled emissions)

Baghouse Flowrates:

			Fraction of Total
Baghouse 1 =	90,000	cfm	0.643
Baghouse 2 =	50,000	cfm	0.357

- Proportion emissions according to flowrate in each baghouse

Baghouse #1 Emissions = 33.8 lb/year
Baghouse #1 Emissions = 0.02 tons/year
Baghouse #2 Emissions = 18.8 lb/year
Baghouse #2 Emissions = 0.01 tons/year

$PM_{2.5}$ CALCULATIONS
LANDFILL TOTALS
CWM CHEMICAL SERVICES, LLC

Totals

Process	$PM_{2.5}$ Emissions (lb/year)	$PM_{2.5}$ Emissions (TPY)
Landfill Operation		
Waste Unloading	1.6	0.00
Waste Compaction	519.9	0.26
Paved Roads	3,285.3	1.64
Unpaved Roads	5,807.6	2.90
Totals	**9,614.6**	**4.81**
Landfill Construction (RMU-1)		
Material Loading/Unloading	10.1	0.01
Bulldozing/Compaction	998.8	0.50
Grading	4.4	0.00
Totals	**1,013.3**	**0.51**
Silo Loading		
Cement Kiln Silo	3.8	0.002
Lime Silo (AWTS Facility)	67.1	0.03
Totals	**70.9**	**0.04**
Stabilization Baghouses		
Baghouse # 1	33.8	0.02
Baghouse # 2	18.8	0.01
Totals	**52.5**	**0.03**
Facility Totals	**10,751.3**	**5.38**

ATTACHMENT 3

USEPA PAPER "*Overall Mass Transfer Coefficient for Pollutant Emissions From Small Water Pools Under Simulated Indoor Environmental Conditions*"

Ann. occup. Hyg., Vol. 47, No. 4, pp. 279–286, 2003
Published by Oxford University Press
DOI: 10.1093/annhyg/meg035

Overall Mass Transfer Coefficient for Pollutant Emissions from Small Water Pools under Simulated Indoor Environmental Conditions

Z. GUO[1]* and N. F. ROACHE[2]

[1]US Environmental Protection Agency, Office of Research and Development, National Risk Management Research Laboratory, Air Pollution Prevention and Control Division, Mail Code E305-03, Research Triangle Park, NC 27711; [2]ARCADIS Geraghty & Miller Inc., PO Box 13109, Research Triangle Park, NC 27709, USA

Received 5 August 2002; in final form 20 December 2002

Small chamber tests were conducted to experimentally determine the overall mass transfer coefficient for pollutant emissions from still aqueous solutions under simulated indoor (residential or occupational) environmental conditions. The tests covered six organic compounds with a Henry's constant range from 3.33×10^{-7} to 3.67×10^{-3} (atm m^3/mol). The estimated overall liquid phase mass transfer coefficients for still solutions varied from 1.8×10^{-6} to 5.7×10^{-3} m/h; the estimated liquid phase mass transfer coefficients were 9.7×10^{-3} m/h for the reference compound (oxygen) and 5.00×10^{-3} to 6.04×10^{-3} m/h for the test compounds. An empirical model is proposed to estimate the overall mass transfer coefficient, which can be used to predict pollutant emissions from still aqueous solutions (e.g. pools and puddles) in indoor environments.

Keywords: aqueous solution; emission; indoor environment; mass transfer coefficient; water

INTRODUCTION

The overall mass transfer coefficient, also known as the total transfer velocity, is a key parameter in predicting the rate of pollutant emissions from aqueous solutions. It is well established that, based on the classic two-resistance theory, the emission rate can be estimated by equation (1) or, equivalently, equation (2) (Lyman *et al.*, 1990).

$$R = SK_{OL}(C_L - C_G/H) \quad (1)$$

$$R = SK_{OG}(C_L H - C_G) \quad (2)$$

where R is the emission rate (μg/h), S is the source area (m^2), K_{OL} is the overall liquid phase mass transfer coefficient (m/h), K_{OG} is the overall gas phase mass transfer coefficient (m/h), C_L is the pollutant concentration in the liquid (μg/m^3), C_G is the pollutant concentration in air (μg/m^3) and H is the dimensionless Henry's constant $[(\mu g/m^3)_{air}/(\mu g/m^3)_{liquid}]$. The two overall mass transfer coefficients, K_{OL} and K_{OG}, are defined by equations (3) and (4), respectively.

$$1/K_{OL} = (1/k_L) + (1/k_G H) \quad (3)$$

$$1/K_{OG} = (H/k_L) + (1/k_G) \quad (4)$$

where k_L is the liquid phase mass transfer coefficient (m/h) and k_G is the gas phase mass transfer coefficient (m/h). K_{OL} and K_{OG} are so closely related that one can regard them as the measurement of the same physical property on different scales, a case similar to weighing an object in kilograms and pounds. The conversion factor between K_{OL} and K_{OG} is the Henry's constant (equation 5).

$$K_{OL} = HK_{OG} \quad (5)$$

The difference between the phase mass transfer coefficient (k_L or k_G) and the overall mass transfer coefficient (K_{OL} or K_{OG}) is that the former considers the transfer velocity in a single phase (either liquid or

*Author to whom correspondence should be addressed.
Tel: +1 919 541 0185; fax: +1 919 541 2157; e-mail: guo.zhishi@epa.gov

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

Table 1. Selected properties of the test compounds at 25°C

Compound	Formula	Molecular weight	Vapor pressure[a] (mmHg)	Henry's constant[b]		D_a[c] (m^2/h)	D_L[d] (m^2/h)
				(atm m^3/mol)	(dimensionless)		
Chloroform	$CHCl_3$	119.4	198	3.67×10^{-3}	1.50×10^{-1}	3.28×10^{-2}	3.90×10^{-6}
Butyl acetate	$CH_3COOC_4H_9$	116.2	11.6	2.81×10^{-4}	1.15×10^{-2}	2.61×10^{-2}	$2.79 \times 10_{-6}$
Ethyl acetate	$CH_3COOC_2H_5$	88.10	93.6	1.34×10^{-4}	5.48×10^{-3}	3.14×10^{-2}	3.45×10^{-6}
1-Butanol	C_4H_9OH	74.12	7.07	8.81×10^{-6}	3.60×10^{-4}	3.24×10^{-2}	3.54×10^{-6}
1-Propanol	C_3H_7OH	60.09	20.8	7.41×10^{-6}	3.03×10^{-4}	3.71×10^{-2}	4.08×10^{-6}
Phenol	C_6H_5OH	94.11	0.53	3.33×10^{-7}	1.36×10^{-5}	3.07×10^{-2}	3.55×10^{-6}

[a]From Yaws (1994).
[b]From Howard and Meylan (1997).
[c]D_a is diffusivity in air, calculated with the method of Fuller *et al.* (1966).
[d]D_L is diffusivity in water, calculated with the method of Hayduk and Laudie (1974).

gas) while the latter considers both phases. In other words, the overall mass transfer coefficient represents the combined effects of k_L, k_G and H.

Since Henry's constants are available in the literature for most compounds of interest, estimation of either overall mass transfer coefficient becomes the main issue for predicting pollutant emissions from aqueous solutions. Ways to estimate the phase mass transfer coefficients (k_L and k_G) have been thoroughly studied in the ambient environment, in which the sources of interest include oceans, lakes, rivers and waste water treatment facilities. Excellent summaries on this subject are given by Lyman *et al.* (1990) and Schwarzenbach *et al.* (1993). For example, Southworth (1979) used equations (6) and (7) to calculate k_L and k_G, respectively.

$$k_L = 23.51(V_{curr}^{0.969}/Z^{0.673})\sqrt{32/M} \quad (6)$$

$$k_G = 1137.5(V_{wind} + V_{curr})\sqrt{18/M} \quad (7)$$

where k_G and k_L are in cm/h, V_{curr} is the river current velocity (m/s), V_{wind} is the wind speed (m/s), Z is the depth of water (m) and M is the molecular weight of the chemical of interest (g/mol). The applicability of these ambient models to indoor environments is doubtful, however, because the conditions in the latter environments, occupational or residential, can be drastically different from those found outdoors. For instance, the velocity (or speed) of indoor air is usually much lower, typically 5–10 cm/s, and source areas are much smaller too. If the water is virtually still, equation (6) gives 0 for k_L.

In a comprehensive study on emissions from water use to indoor air (EPA, 2000), lumped overall mass transfer coefficients (SK_{OL}) were reported for washing machine, dishwasher, shower and bathtub. The absolute values of k_G and k_L were not determined, however.

This study concerns pollutant emissions from still aqueous solutions in the indoor environment. Examples of such emission sources include buckets of water-based hard surface cleaners used by janitors, water-based cleaners applied to horizontal surfaces and puddles of water-based insecticides applied to the floor. A more complex case is the emission of organic solvents from latex paint applied to a wall. The objective of this work was two-fold: (i) to experimentally determine the overall mass transfer coefficients for organic compounds with a wide range of Henry's constants under simulated indoor environmental conditions; (ii) to develop an empirical model to estimate the overall mass transfer coefficients for still aqueous solutions. The results of this work can be used to predict pollutant emissions from aqueous solutions in the forms of pools, puddles and films in residential and occupational environments.

METHODS

Six test compounds were selected (Table 1). They cover a range of Henry's constant from 3.33×10^{-7} to 3.67×10^{-3} (atm m^3/mol) or 1.36×10^{-5} to 1.50×10^{-1} (dimensionless). Their dilute solutions, ranging from 3.99×10^{-6} to 5.65×10^{-3} mol/l, were prepared one day before the chamber tests by dissolving a known amount of pure compound in deionized water. Prior to the start of chamber tests, the concentration of the stock solution was analyzed by flash vaporization of the liquid onto Tenax sorbent tubes with subsequent analysis by gas chromatography–mass spectroscopy (GC/MS). The source containers were identical circular pools made from stainless steel. They had an inside diameter of 7.4 cm, an outside diameter (including the edges at the top) of 8.9 cm and a depth of 3.1 cm. The emissions tests were conducted in two identical 53 l stainless steel environmental chambers (Tichenor *et al.*, 1990) with a ventilation rate of 1 air change/h, a temperature of 23.5°C and a relative humidity of inlet air of 20%. Temperature was measured by thermocouples (model E49008U-00-04; Inotek Technologies) and relative humidity by humidity probes (model HHT-2WC-RP-TTB; HyCal Sensing Products). Controlled by small circulation fans, the air speeds in the chambers were measured with a calibrated hot-wire anemometer (1213 Indoor Climate

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

Analyzer; Brüel & Kjær) at five locations, 1 cm over the pool. The two chambers differed only in air speeds: 12.6 ± 4.5 cm/s in chamber 1 and 21.6 ± 7.9 cm/s in chamber 2. Prior to a test, the source container was filled with test solution and then placed at the center of the chamber bottom. The test start time was recorded as the chamber door closed. Air samples were collected onto Tenax TA sorbent tubes (Supelco) with mass flow controllers and analyzed by GC with a mass selective detector (6890/5973; Hewlett Packard) equipped with a 30 m DB624 column (0.25 mm i.d. × 1.4 μm film thickness). Samples collected on the sorbents were introduced into the GC by a multitube thermal desorption unit (ATD 400; Perkin Elmer).

RESULTS

Summary of test parameters

A total of 14 chamber tests were conducted, including one duplicate in each chamber. The test conditions are summarized in Table 2.

Time–concentration profiles

The time–concentration profiles were strongly affected by the Henry's constants. For chloroform, which has the largest Henry's constant among the test compounds, the two chambers had almost identical results, indicating that the emissions were limited by the liquid phase mass transfer. In addition, the emission rates decreased significantly over time due to exhaustion of the source (Fig. 1). For phenol, which has the smallest Henry's constant among the test compounds, the difference between the two chambers was significant, indicating that the emissions were limited by the gas phase mass transfer (Fig. 2). The time–concentration profiles for the remaining compounds were between these two extreme cases.

Estimation of the overall liquid phase mass transfer coefficient (K_{OL})

The overall liquid phase mass transfer coefficient (K_{OL}) was estimated by fitting the following mass balance model (equations 8–10) to the chamber concentration data with K_{OL} being the only unknown parameter.

$$V(dC_G/dt) = SK_{OL}(C_L - C_G/H) - QC_G \quad (8)$$

$$dW_L/dt = -SK_{OL}(C_L - C_G/H) \quad (9)$$

$$C_L = W_L/[V_L - (r_w t/\rho_w)] \quad (10)$$

where V is the chamber volume (m^3), t is the time (h), Q is the air exchange flow rate (m^3/h), W_L is the amount of test compound in the liquid (μg), V_L is the initial volume of liquid (m^3), r_w is the water evaporation rate (g/h) and ρ_w is the density of water (g/m^3). Data fitting software SCIENTIST (MicroMath Scientific Software, Salt Lake City, UT) was used for the non-linear regression, and the initial conditions were $t = 0$, $C_G = 0$ and $W_L = C_{L0} \times V_L$, where C_{L0} is the initial concentration in the liquid. The estimated K_{OL} values and their associated standard errors for the non-linear regression are given in the last column of Table 2.

AN EMPIRICAL MODEL FOR ESTIMATING K_{OL} AND K_{OG}

Approach

In order to use equations (1) and (2) as predictive models, one must know how to estimate the overall mass transfer coefficient for a given compound. The objective here is to develop a parameter estimation method for pollutant emissions from still aqueous solutions under indoor environmental conditions. The proposed model calculates the overall mass transfer coefficient (K_{OL} or K_{OG}) in three steps: (i) calculate the gas phase mass transfer coefficient (k_G) from the Sherwood number; (ii) calculate the liquid phase mass transfer coefficient (k_L) from that for a reference compound; (iii) calculate the overall mass transfer coefficient from equation (3) or (4). Details are discussed below.

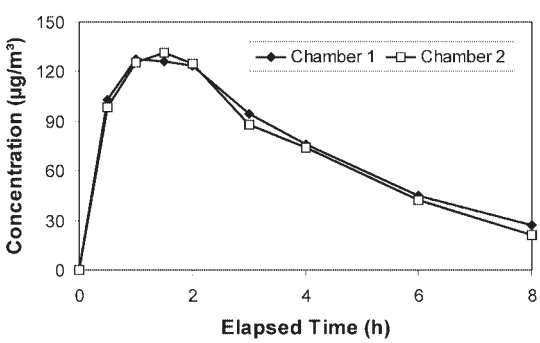


Fig. 1. Time–concentration profile for chloroform.

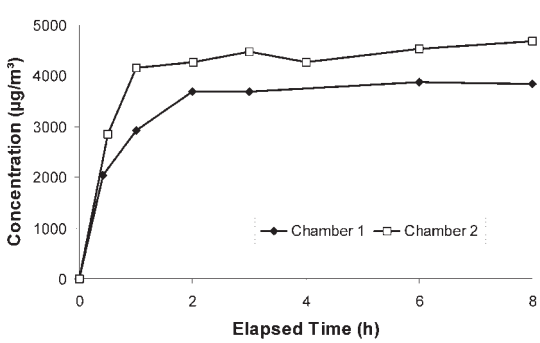


Fig. 2. Time–concentration profile for phenol.

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

Table 2. Conditions of 14 chamber tests and estimated overall liquid phase mass transfer coefficients[a]

Test no.	Chemical	Chamber ID[b]	Ach (per h)	C_{L0} (mol/l)	V_L (ml)	T (°C)	RH (%)		r_w (g/h)	Estimated K_{OL} (m/h)
							Inlet	Outlet		
1	Chloroform	1	1.05	3.99×10^{-6}	98.3	23.3 ± 0.03	14.0 ± 0.10	62.0 ± 0.86	0.524	$(5.68 \pm 0.47) \times 10^{-3}$
2	Chloroform	2	1.05	3.99×10^{-6}	98.1	23.5 ± 0.03	14.2 ± 0.12	69.7 ± 0.79	0.625	$(5.60 \pm 0.52) \times 10^{-3}$
3	Butyl acetate	1	1.05	5.23×10^{-5}	96.7	23.4 ± 0.10	13.7 ± 0.13	60.3 ± 1.2	0.510	$(5.17 \pm 0.27) \times 10^{-3}$
4	Butyl acetate	2	1.07	5.23×10^{-5}	97.4	23.5 ± 0.07	13.7 ± 0.09	69.8 ± 1.7	0.649	$(5.00 \pm 0.26) \times 10^{-3}$
5	Butyl acetate	1	1.06	5.61×10^{-5}	95.8	23.3 ± 0.06	12.7 ± 0.13	57.8 ± 2.0	0.540	$(4.02 \pm 0.26) \times 10^{-3}$
6	Butyl acetate	2	1.08	5.61×10^{-5}	99.5	23.5 ± 0.04	12.6 ± 0.15	68.8 ± 1.3	0.644	$(4.41 \pm 0.29) \times 10^{-3}$
7	Ethyl acetate	1	1.05	7.54×10^{-5}	95.7	23.3 ± 0.03	14.0 ± 0.40	61.0 ± 0.89	0.555	$(5.03 \pm 0.22) \times 10^{-3}$
8	Ethyl acetate	2	1.06	7.54×10^{-5}	98.6	23.5 ± 0.03	13.8 ± 0.25	69.4 ± 0.89	0.680	$(5.28 \pm 0.26) \times 10^{-3}$
9	1-Butanol	1	1.05	1.33×10^{-3}	92.6	23.4 ± 0.25	14.5 ± 0.17	58.8 ± 1/86	0.541	$(1.44 \pm 0.06) \times 10^{-3}$
10	1-Butanol	2	1.05	1.33×10^{-3}	96.3	23.6 ± 0.14	14.1 ± 0.15	71.3 ± 1.4	0.669	$(1.52 \pm 0.10) \times 10^{-3}$
11	1-Propanol	1	1.05	9.78×10^{-3}	101	23.3 ± 0.03	13.6 ± 0.15	59.6 ± 1.15	0.555	$(1.33 \pm 0.05) \times 10^{-3}$
12	1-Propanol	2	1.06	$9.78 \times 10–^{3}$	98.0	23.5 ± 0.03	13.5 ± 0.10	69.0 ± 2.5	0.660	$(1.85 \pm 0.09) \times 10^{-3}$
13	Phenol	1	1.05	$5.65 \times 10–^{3}$	93.1	23.6 ± 0.30	14.7 ± 0.16	59.8 ± 1.94	0.565	$(1.80 \pm 0.06) \times 10^{-4}$
14	Phenol	2	1.05	$5.65 \times 10–^{3}$	93.3	23.7 ± 0.15	14.7 ± 0.19	69.4 ± 2.4	0.634	$(2.68 \pm 0.11) \times 10^{-4}$

Ach, air exchange rate; C_{L0}, initial concentration in liquid; V_L, initial volume of liquid; T, temperature; RH, relative humidity; r_w, water evaporation rate.
[a]The test duration was 4 h for tests 3 and 4 and 8 h for the rest.
[b]The air speed was 12.6 ± 4.5 cm/s in chamber 1 and 21.6 ± 7.9 cm/s in chamber 2.

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

Estimation of gas phase mass transfer coefficient (k_G)

Several methods have been developed to estimate the gas phase mass transfer coefficient in indoor environments. A brief review of these methods is given by Guo (2002). The method used here is based on the Sherwood number (S_h), which is a dimensionless number related to k_G (equation 11) and can be correlated to Schmidt and Reynolds numbers (S_c and R_e). A series of correlations have been developed between S_h, S_c and R_e (Bennet and Myers, 1982; White, 1988). For example, equation (12) applies to laminar flow conditions and is often used for indoor environments.

$$S_h = (k_G L)/D_a \quad (11)$$

where L is the characteristic length (m), calculated from the square root of the source area, and D_a is the diffusivity in air (m^2/h).

$$S_h = 0.664 S_c^{1/3} R_e^{1/2} \quad (12)$$

where S_c and R_e are defined by equations (13) and (14), respectively.

$$S_c = \mu/(\rho D_a) \quad (13)$$

$$R_e = (Lu\rho)/\mu \quad (14)$$

where u is the air velocity (m/h), ρ is the density of air (g/m^3) and μ is the viscosity of air (g/m/h). The accuracy of this method was evaluated by using the water evaporation data from the 14 chamber tests (column 10 in Table 2). The k_G values for water evaporation were estimated from equation (15).

$$r_w = S k_G (C_{sw} - C_w) \quad (15)$$

where r_w is the experimental water evaporation rate (g/h), C_{sw} is the saturation concentration for water vapor at chamber temperature, converted from vapor pressure (g/m^3), and C_w is the experimental water vapor concentration in the chamber, converted from relative humidity (g/m^3). As shown in Table 3, the calculated gas phase mass transfer coefficients agreed well with the experimental results.

Estimation of liquid phase mass transfer coefficient (k_L)

With the overall liquid phase mass transfer coefficient (K_{OL}) presented in Table 2, the gas phase mass transfer coefficient (k_G) calculated from the Sherwood number and Henry's constant (H) from Table 1, the liquid phase mass transfer coefficients (k_L) can be calculated from equation (3). This direct calculation approach worked well for compounds with dimensionless Henry's constants $>10^{-3}$. With smaller Henry's constants, however, the calculation failed (see column 4 in Table 4) due to error propagation: the calculation involves subtraction between two large numbers to yield a small number.

The authors then used a different method to estimate k_L. It has been reported that k_L is proportional to

Table 3. Experimental and calculated gas phase mass transfer coefficients (k_G) for water evaporation from small pools

Chamber	k_G (m/h)		Relative error (%)
	Experimental	Calculated (equation 11)	
1	14.2 ± 0.92 (n = 7)	16.8	17
2	22.3 ± 0.88 (n = 7)	22.0	–1.3

Table 4. Estimated liquid phase mass transfer coefficient (k_L) from experimental K_{OL}

Test no.	Compound	Chamber	Estimated k_L (m/h)	
			Direct from equation (3)	From equation (18)
1	Chloroform	1	5.71×10^{-3}	5.91×10^{-3}
2	Chloroform	2	5.62×10^{-3}	5.91×10^{-3}
3	Butyl acetate	1	5.52×10^{-3}	5.00×10^{-3}
4	Butyl acetate	2	5.84×10^{-3}	5.00×10^{-3}
5	Butyl acetate	1	4.23×10^{-3}	5.00×10^{-3}
6	Butyl acetate	2	4.60×10^{-3}	5.00×10^{-3}
7	Ethyl acetate	1	5.68×10^{-3}	5.55×10^{-3}
8	Ethyl acetate	2	6.42×10^{-3}	5.55×10^{-3}
9	1-Butanol	1	2.80×10^{-3}	5.63×10^{-3}
10	1-Butanol	2	2.49×10^{-3}	5.63×10^{-3}
11	1-Propanol	1	2.60×10^{-3}	6.04×10^{-3}
12	1-Propanol	2	3.83×10^{-3}	6.04×10^{-3}
13	Phenol	1	-2.71×10^{-4}	5.63×10^{-3}
14	Phenol	2	-3.00×10^{-4}	5.63×10^{-3}

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

the square root of the molecular diffusivity in water (Mackay and Yeun, 1983). Since the diffusivity can be readily calculated by existing methods (Hayduk and Laudie, 1974), the problem is reduced to selecting a reference compound and estimating its k_L. The liquid phase mass transfer coefficient for a given compound X can then be calculated from equation (16), in which oxygen was chosen as the reference compound. It should be pointed out that any compound can serve as the reference. The only reason to select oxygen here is for comparison with the literature values.

$$k_L(X) = k_L(O_2)\sqrt{\frac{D_L(X)}{D_L(O_2)}} \quad (16)$$

Substituting equation (16) into equation (3) yields:

$$k_L(O_2) = \frac{k_G H K_{OL}}{k_G H - K_{OL}}\sqrt{\frac{D_L(O_2)}{D_L(X)}} \quad (17)$$

A single value of $k_L(O_2)$ was estimated by applying equation (17) to the 14 experimental K_{OL} values (Table 2). Other input data included H and $D_L(X)$ from Table 1, k_G from the Sherwood number and $D_L(O_2) = 1.07 \times 10^{-5}$ m^2/h at 23.5°C from the Hayduk and Laudie (1974) method. The non-linear regression yielded a $k_L(O_2)$ value of $(9.78 \pm 0.36) \times 10^{-3}$ m/h. This value is fairly close to the literature value of 0.0144 m/h for ambient water bodies suggested by Schwarzenbach *et al.* (1993). This agreement suggests that the area of the source does not affect k_L if the water is still.

Substituting the values for $k_L(O_2)$ and $D_L(O_2)$ into equation (16) gives:

$$k_L(X) = 2.99\sqrt{D_L(X)} \quad (18)$$

where $k_L(X)$ and $D_L(X)$ are in m/h and m^2/h, respectively. Equation (18) can be used to estimate k_L for any chemical emissions from still water. The estimated k_L values for the test compounds are presented in the last column of Table 4.

Calculation of K_{OL}

Using k_G from the Sherwood number and k_L from equation (18), one can calculate K_{OL} from equation (3). Figure 3 compares the calculated K_{OL} with the experimental values. On average, the relative predictive error was 22.1%. In general, compounds with smaller Henry's constants tend to have greater relative errors. A complete example of estimating K_{OL} is provided in the Appendix.

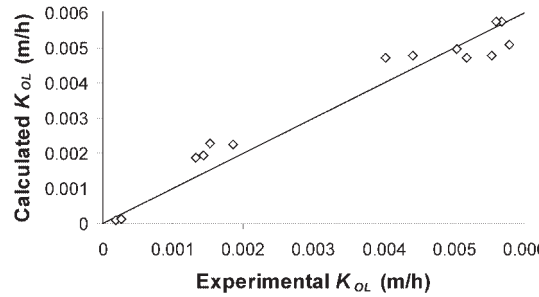


Fig. 3. Comparison between experimental and calculated overall liquid phase mass transfer coefficients. The solid line represents linearity.

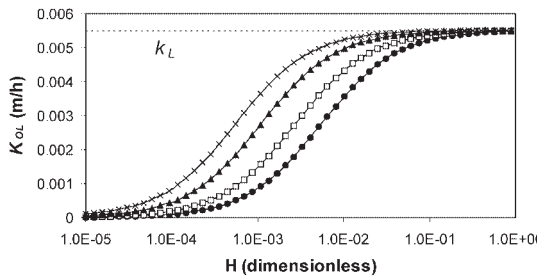


Fig. 4. Overall liquid phase mass transfer coefficient (K_{OL}) as a function of Henry's constant (H) and gas phase mass transfer coefficient (k_G). The curves from left to right are for k_G = 1, 2, 5 and 10 m/h, respectively.

DISCUSSION

Independent estimation of k_G and k_L allows one to study the effect of the Henry's constant on the overall mass transfer coefficient by using equation (3) or (4). Figure 4 shows K_{OL} as a function of H and k_G, assuming that the diffusivity in water is 3.6×10^{-6} m^2/h, which is roughly the average for the test compounds. When the Henry's constant becomes large, all curves converge to a single value of k_L. The curves do not converge to a single value, however, when the Henry's constant becomes very small. Assuming that the gas phase mass transfer coefficient typically varies from 1 to 10 m/h in indoor environments, the k_G/k_L ratio for still aqueous solutions would be in the range 180–1800. These values are significantly higher than the reported values (54–78) for a bathtub with a simulated person present (EPA, 2000).

As a practical matter, researchers often want to know under what conditions K_{OL} can be approximated by either k_L or k_G. There have been many discussions on this matter for the ambient environment (e.g. Munz and Roberts, 1989). In general, it depends on whether the gas or liquid phase mass transfer resistance is dominant in the overall mass transfer resistance ($1/K_{OL}$ or $1/K_{OL}$). Using the results of this work, Fig. 5 illustrates the contribution of the gas phase mass transfer resistance $1/(Hk_G)$ to $1/K_{OL}$

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

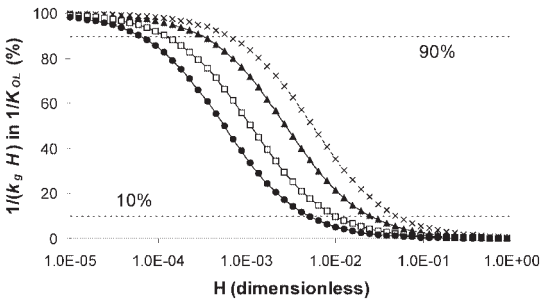


Fig. 5. Contribution of the gas phase mass transfer resistance $[1/(k_G H)]$ to the overall mass transfer resistance $(1/K_{OL})$. The curves from left to right are for k_G = 10, 5, 2 and 1 m/h, respectively.

as a function of H and k_G. For still water under indoor environmental conditions, the authors suggest that K_{OL} be approximated by k_L when $H > 10^{-1}$ and by k_G when $H < 10^{-4}$, where H is dimensionless.

Previous studies (for example, Schwarzenbach *et al.*, 1993) indicate that the depth of the water pool affects the liquid phase mass transfer coefficient. Thus, the applicability of equation (18) to liquid puddles and films is yet to be further evaluated. On the other hand, according to Schwarzenbach *et al.* (1993), the values of k_L for still water imply a 'stagnant water film' of no greater than 200 μm. We therefore speculate that equation (18) can be applied to liquid puddles and films with a depth >200 μm.

CONCLUSION

The emissions of six volatile organic compounds from pools of dilute aqueous solutions were tested under simulated indoor environmental conditions. These compounds cover a range of Henry's constant from 3.33×10^{-7} to 3.67×10^{-3} atm m^3/mol. The experimentally determined overall liquid phase mass transfer coefficient (K_{OL}) ranged from 2.68×10^{-4} to 5.68×10^{-3} m/h. Using these values, the liquid phase mass transfer coefficient (k_L) for still water was estimated to be $(9.78 \pm 0.36) \times 10^{-3}$ m/h for the reference compound (O_2). An empirical model was proposed to estimate K_{OL} and K_{OG} based on equations (3) and (4), respectively, with k_L calculated from equation (18) and k_G from the Sherwood number (equation 11). With this empirical model, one can use equations (1) and (2) as genuine predictive models for pollutant emissions from still aqueous solutions in indoor environments.

APPENDIX. AN EXAMPLE OF USING THE PROPOSED EMPIRICAL MODEL

Problem

Estimate the overall liquid phase mass transfer coefficient (K_{OL}) for 1-hexanal emissions from a water pool, given the following parameters: molecular formula, $C_6H_{12}O$; Henry's constant, 0.0105 (dimensionless); pool diameter, 0.20 m; air speed in room, 15 cm/s (540 m/h); air and liquid temperature, 25°C. Additional parameters needed for the calculation are summarized in Table A1. All the values are at 25°C.

Step 1: Calculate Schmidt number using equation (13)

$$S_c = \mu/(\rho D_a) = 66.8/(1180 \times 0.0270) = 2.097$$

Step 2: Calculate Reynolds number using equation (14)

$$R_e = (Lu\rho)/\mu = (0.447 \times 540 \times 1180)/66.8 = 4264$$

Step 3: Calculate Sherwood number using equation (12)

$$S_h = 0.664 S_c^{1/3} R_e^{1/2} = 0.664 \times 2.097^{1/3} \times 4262^{1/2} = 55.5$$

Step 4: Calculate k_G using equation (11)

$$k_G = (S_h D_a)/L = (55.5 \times 0.0270)/0.447 = 3.35 \text{ (m/h)}$$

Step 5: Calculate k_L using equation (16)

$$k_L(Hx) = 2.99\sqrt{D_L(Hx)}$$

$$k_L(Hx) = 2.99\sqrt{2.96 \times 10^{-6}} = 5.14 \times 10^{-3} \text{ m/h}$$

Step 6: Calculate K_{OL}

Rearranging equation (3) yields

Table A1. Additional parameters needed to calculate K_{OL} for 1-hexanal

Parameter	Symbol	Value	Data source or method
Density of air	ρ	1180 g/m^3	Literature
Viscosity of air	μ	66.8 g/h/m	Literature
Characteristic length of the pool	L	0.447 m	Square root of source area
Diffusivity in air for 1-hexanal	$D_a(Hx)$	2.70×10^{-2} m^2/h	FSG method[a]
Diffusivity in water for 1-hexanal	$D_L(Hx)$	2.78×10^{-6} m^2/h	Hayduk & Laudie method[b]

[a]Fuller *et al.* (1966).
[b]Hayduk and Laudie (1974).

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

$$K_{OL} = (k_L k_G H)/(k_L + k_G H)$$

$$K_{OL} = \frac{5.14 \times 10^{-3} \times 3.35 \times 0.0105}{5.14 \times 10^{-3} + 3.35 \times 0.0105} = 4.48 \times 10^{-3}\ \text{m/h}$$

REFERENCES

Bennet CO, Myers JE. (1982) Momentum, heat, and mass transfer, 3rd edn. New York: McGraw-Hill.

EPA. (2000) Volatilization rates from water to indoor air—phase II, EPA 600/R-00/096: 2000. Washington, DC: US Environmental Protection Agency.

Fuller EN, Schettler PD, Giddings JC. (1966) A new method for prediction of binary gas-phase diffusion coefficients. Ind Eng Chem; 58: 19–27.

Guo Z. (2002) Review of indoor emission source models—part 2: parameter estimation. Environ Pollut; 120: 551–64.

Hayduk W, Laudie H. (1974) Prediction of diffusion coefficient for non-electrolysis in dilute aqueous solution. Am Inst Chem Eng J; 20: 611–5.

Howard PH, Meylan WM. (1997) Handbook of physical properties of organic chemicals. Boca Raton, FL: CRC Lewis.

Lyman WL, Reehl WF, Rosenblatt DH. (1990) Handbook of chemical property estimation methods: environmental behavior of organic compounds. Washington, DC: American Chemical Society.

Mackay D, Yeun ATK. (1983) Mass transfer coefficient correlations for volatilization of organic solutes from water. Environ Sci Technol; 17: 211–33.

Munz C, Roberts PV. (1989) Gas- and liquid-phase mass transfer resistances of organic compounds during mechanical surface aeration. Water Res; 23: 589–601.

Schwarzenbach RP, Gschwend PM, Imboden DM. (1993) Environmental organic chemistry. New York: John Wiley.

Southworth GR. (1979) The role of volatilization in removing polycyclic aromatic hydrocarbons from aquatic environments. Bull Environ Contam Toxicol; 21: 507–14.

Tichenor BA, Guo Z, Mason MA, Dunn JE. (1990) Evaluating sources of indoor air pollution. J Air Waste Manage Assoc; 40: 487–92.

White FM. (1988) Heat and mass transfer. Reading, MA: Addison-Wesley.

Yaws CL. (1994) Handbook of vapor pressure, Vols 1–3. Houston, TX: Gulf.

Downloaded from http://annhyg.oxfordjournals.org/ by guest on May 20, 2013

ATTACHMENT 4

LABORATORY ANALYTICAL REPORT FOR TANK T-103 SAMPLE

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-34856-1
Client Project/Site: Model City Landfill: ATINF LEACH
Sampling Event: ATFINF LEACH, every 4 yrs(next 2013)

For:
CWM Chemical Services Inc
1550 Balmer Road
Model City, New York 14107

Attn: Jonathan Rizzo

Candace L. Fox

Authorized for release by:
4/12/2013 3:38:36 PM

Candace Fox
Project Manager II
candace.fox@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Definitions 4
Case Narrative 6
Client Sample Results 8
QC Sample Results 17
Chronicle 32
Certification Summary 33
Method Summary 35
Chain of Custody 36
Isotope Dilution Summary 37

Sample Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-34856-1	T103	Water	03/21/13 11:30	03/22/13 09:00
480-34856-2	TB	Water	03/21/13 00:00	03/22/13 09:00

Qualifiers

GC/MS VOA

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

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
X	Surrogate is outside control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
E	Result exceeded calibration range.

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Dioxin

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.

Metals

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
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)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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)

Job ID: 480-34856-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-34856-1

Comments
No additional comments.

Receipt
The samples were received on 3/22/2013 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 1.3º C and 4.2º C.

Except:
Client Id is T103 and the bottle lables say T101.

GC/MS VOA
Method(s) 8260B: The following samples were diluted to bring the concentration of target analytes within the calibration range: T103 (480-34856-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The continuing calibration verification (CCV) for Cyclohexanone associated with batch 109392 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method(s) 8260B: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: T103 (480-34856-1). Elevated reporting limits (RLs) are provided.

Method(s) 8260B: The laboratory control sample (LCS) for batch 109805 exceeded control limits for the following analytes: methacrylonitrile. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

GC/MS Semi VOA
Method(s) 8270C: The following sample was diluted due to abundance of target analytes: T103 (480-34856-1). As such, surrogate recoveries were reduced to a level in which they do not provide useful information. Elevated reporting limits (RLs) are provided.

Method(s) 8270C: The laboratory control sample (LCS) for batch 108882 exceeded control limits for the multiple analytes. These analytes have been identified as a poor performing analyte when analyzed using this method or the analyts were high in the LCS and not detected in the sample; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method(s) 8270C: The following sample was diluted due to abundance of target analytes: T103 (480-34856-1). As such, surrogate recoveries were reduced to a level in which they do not provied useful information. Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Internal standard responses for the following CCVs exceeded the upper control limit: (CCV 480-110650/6), (CCV 480-110650/7). The assocated sample does not contain any analytes reported from these CCVs, therefore the data has been qualified and reported.

No other analytical or quality issues were noted.

GC VOA
Method(s) 8015B: The following sample was diluted due to the abundance of target analytes: T103 (480-34856-1). As such, surrogate recoveries are not reported or not representative, and elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

GC Semi VOA
Method(s) 608: The following samples were diluted due to the nature of the sample matrix: T103 (480-34856-1). As such, surrogate

Job ID: 480-34856-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

recoveries are not representative, and elevated reporting limits (RLs) are provided.

Method(s) 608: The following sample was diluted due to the nature of the sample matrix : T103 (480-34856-1). As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Method(s) 8151A: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: T103 (480-34856-1).

No other analytical or quality issues were noted.

Metals

Method(s) 200.8: Sample T103 (480-34856-1) for ICP/MS metals analyzed by EPA Method 6020 required a dilution due to high concentrations of dissolved solids known to cause failure of routine method quality control (QC), such as internal standards outside of control limits. Samples that contain high levels of dissolved solids can cause significant signal suppression or enhancement. The analytical method recommends applying a dilution to correct for physical interferences of samples that contain greater than 2000 mg/L of total solids, as determined by performing a screening procedure.

Method(s) 200.8: Sample T103 (480-34856-1) had a negative instrument reading with an absolute value that was greater than the reporting limit for the analyte total selenium. Matrix interference is suspected. The sample was analyzed at a 500-fold dilution, to reduce the interference.

No other analytical or quality issues were noted.

General Chemistry

Method(s) SM 4500 S2 F: Due to the matrix, the initial volume(s) used for the following sample(s) deviated from the standard procedure: T103 (480-34856-1). The reporting limits (RLs) have been adjusted proportionately.

No other analytical or quality issues were noted.

Organic Prep

Method(s) 3510C: Due to the matrix, the following samples could not be concentrated to the final method required volume: T103 (480-34856-1). The reporting limits (RLs) are elevated proportionately.

Method(s) 3510C: During pH adjustment, the following sample required 20 mL of base to reach the desired pH: T103 (480-34856-1). Most samples take less than 10 mL to reach the desired range.

Method(s) 3510C: After hex-exchanging the sample, it would not concentrate down to the required volume. The sample concentrated to about 1.5mL's then was brought up to 10mL's with hexane.

Method(s) 3510C: The following samples required a Florisil clean-up, via EPA Method3620C, to reduce matrix interferences: T103 (480-34856-1).

Method(s) 8151A: During pH adjustment, the following sample required 20mL of base and 15 mL of acid to reach the desired pH: T103 (480-34856-1).

Method(s) 8151A: The following sample formed emulsions during the extraction procedure: T103 (480-34856-1). The emulsions were broken up using the centrifuge.

No other analytical or quality issues were noted.

Dioxin Prep

480-34856-A-1 had emulsions issues, removed by mechanical means.

No other analytical or quality issues were noted.

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		100	35	ug/L			03/29/13 00:02	100
1,1,1-Trichloroethane	**3900**		100	82	ug/L			03/29/13 00:02	100
1,1,2-Trichloro-1,2,2-trichfluoroethane	**39**	**J**	100	31	ug/L			03/29/13 00:02	100
1,1,2-Trichloroethane	**4800**		100	23	ug/L			03/29/13 00:02	100
1,1-Dichloroethane	**2700**		100	38	ug/L			03/29/13 00:02	100
1,1-Dichloroethene	**410**		100	29	ug/L			03/29/13 00:02	100
1,2,3-Trichloropropane	ND		100	89	ug/L			03/29/13 00:02	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			03/29/13 00:02	100
1,2-Dibromoethane (EDB)	**560**		100	73	ug/L			03/29/13 00:02	100
1,2-Dichloroethane	**6900**		100	21	ug/L			03/29/13 00:02	100
1,2-Dichloropropane	ND		100	72	ug/L			03/29/13 00:02	100
1,4-Dioxane	**95000**		4000	930	ug/L			03/29/13 00:02	100
Acetonitrile	**6400**		4000	2600	ug/L			03/29/13 00:02	100
Acrolein	ND		2000	1800	ug/L			03/29/13 00:02	100
Acrylonitrile	**160**	**J**	500	83	ug/L			03/29/13 00:02	100
Allyl chloride	ND		100	44	ug/L			03/29/13 00:02	100
Benzene	**920**		100	41	ug/L			03/29/13 00:02	100
Bromodichloromethane	ND		100	39	ug/L			03/29/13 00:02	100
Bromoform	ND		100	26	ug/L			03/29/13 00:02	100
Bromomethane	ND		100	69	ug/L			03/29/13 00:02	100
Carbon disulfide	**27**	**J**	100	19	ug/L			03/29/13 00:02	100
Carbon tetrachloride	ND		100	27	ug/L			03/29/13 00:02	100
Chlorobenzene	**1000**		100	75	ug/L			03/29/13 00:02	100
Chloroethane	**110**		100	32	ug/L			03/29/13 00:02	100
Chloroform	**7800**		100	34	ug/L			03/29/13 00:02	100
Chloromethane	**84**	**J**	100	35	ug/L			03/29/13 00:02	100
1,3-Butadiene, 2-chloro-	ND		100	49	ug/L			03/29/13 00:02	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			03/29/13 00:02	100
Dibromochloromethane	ND		100	32	ug/L			03/29/13 00:02	100
Dibromomethane	**3500**		100	41	ug/L			03/29/13 00:02	100
Dichlorodifluoromethane	ND		100	68	ug/L			03/29/13 00:02	100
Ethyl acetate	ND		100	66	ug/L			03/29/13 00:02	100
Ethyl ether	**9400**		500	72	ug/L			03/29/13 00:02	100
Ethyl methacrylate	ND		100	59	ug/L			03/29/13 00:02	100
Ethylbenzene	**170**		100	74	ug/L			03/29/13 00:02	100
Iodomethane	ND		100	30	ug/L			03/29/13 00:02	100
Isobutanol	**37000**		4000	2000	ug/L			03/29/13 00:02	100
Methacrylonitrile	ND	*	500	69	ug/L			03/29/13 00:02	100
Methyl methacrylate	ND		100	61	ug/L			03/29/13 00:02	100
Propionitrile	ND		1000	580	ug/L			03/29/13 00:02	100
Tetrachloroethene	**500**		100	36	ug/L			03/29/13 00:02	100
Toluene	**4800**		100	51	ug/L			03/29/13 00:02	100
trans-1,2-Dichloroethene	**300**		100	90	ug/L			03/29/13 00:02	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			03/29/13 00:02	100
Trichlorofluoromethane	ND		100	88	ug/L			03/29/13 00:02	100
Vinyl chloride	ND		100	90	ug/L			03/29/13 00:02	100
Xylenes, Total	**820**		200	66	ug/L			03/29/13 00:02	100
Cyclohexanone	**2100**		1000	520	ug/L			03/29/13 00:02	100

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
2-Pentanol, 4-methyl-	1000	T J N	ug/L		5.86	108-11-2		03/29/13 00:02	100
Acetic acid, butyl ester	1500	T J N	ug/L		6.26	123-86-4		03/29/13 00:02	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		66 - 137		03/29/13 00:02	100
4-Bromofluorobenzene (Surr)	104		73 - 120		03/29/13 00:02	100
Toluene-d8 (Surr)	94		71 - 126		03/29/13 00:02	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	**12000**		5000	1100	ug/L			03/27/13 12:49	5000
2-Butanone (MEK)	**550000**		50000	6600	ug/L			03/27/13 12:49	5000
4-Methyl-2-pentanone (MIBK)	**79000**		25000	11000	ug/L			03/27/13 12:49	5000
Acetone	**740000**		50000	15000	ug/L			03/27/13 12:49	5000
Methylene Chloride	**220000**		5000	2200	ug/L			03/27/13 12:49	5000
Trichloroethene	**13000**		5000	2300	ug/L			03/27/13 12:49	5000

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Methylene Chloride	17000	T J N	ug/L		2.80	75-9-2		03/27/13 12:49	5000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		03/27/13 12:49	5000
4-Bromofluorobenzene (Surr)	113		73 - 120		03/27/13 12:49	5000
Toluene-d8 (Surr)	120		71 - 126		03/27/13 12:49	5000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	**210**	**J**	1300	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,2,4-Trichlorobenzene	ND		2500	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,2-Dichlorobenzene	ND		2500	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,2-Diphenylhydrazine	ND		2500	88	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,3-Dichlorobenzene	ND		2500	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,4-Dichlorobenzene	ND		2500	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
1,4-Dinitrobenzene	ND	*	2500	180	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,2'-Oxybis(1-chloropropane)	ND		1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,3,4,6-Tetrachlorophenol	ND	*	1300	80	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4,5-Trichlorophenol	ND		1300	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4,6-Trichlorophenol	ND	*	1300	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4-Dichlorophenol	**1300**	*****	1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4-Dimethylphenol	**2600**		1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4-Dinitrophenol	ND		2500	560	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,4-Dinitrotoluene	ND		1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,6-Dichlorophenol	ND		2500	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
2,6-Dinitrotoluene	ND	*	1300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
2-Acetylaminofluorene	ND		2500	580	ug/L		03/23/13 07:29	04/02/13 16:35	50
2-Chloronaphthalene	ND		1300	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
2-Chlorophenol	**230**	**J**	1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
2-Methylphenol	**2200**		1300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
2-Naphthylamine	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
3-Methylcholanthrene	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
3-Methylphenol	**17000**		2500	100	ug/L		03/23/13 07:29	04/02/13 16:35	50

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		2500	550	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Aminobiphenyl	ND		2500	200	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Bromophenyl phenyl ether	ND		1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Chloro-3-methylphenol	ND	*	1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Chloroaniline	**3000**		1300	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Methylphenol	**17000**		2500	90	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Nitroaniline	ND	*	2500	63	ug/L		03/23/13 07:29	04/02/13 16:35	50
4-Nitrophenol	ND		2500	380	ug/L		03/23/13 07:29	04/02/13 16:35	50
5-Nitro-o-toluidine	ND		2500	160	ug/L		03/23/13 07:29	04/02/13 16:35	50
Acenaphthene	ND		1300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
Acenaphthylene	ND		1300	95	ug/L		03/23/13 07:29	04/02/13 16:35	50
Acetophenone	**3400**		1300	140	ug/L		03/23/13 07:29	04/02/13 16:35	50
Aniline	**2200**	**J**	2500	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
Anthracene	ND		1300	70	ug/L		03/23/13 07:29	04/02/13 16:35	50
Aramite	ND		5000	400	ug/L		03/23/13 07:29	04/02/13 16:35	50
Benzo[a]anthracene	ND		1300	90	ug/L		03/23/13 07:29	04/02/13 16:35	50
Benzo[a]pyrene	ND		1300	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
Benzo[b]fluoranthene	ND	*	1300	85	ug/L		03/23/13 07:29	04/02/13 16:35	50
Benzo[g,h,i]perylene	ND		1300	88	ug/L		03/23/13 07:29	04/02/13 16:35	50
Benzo[k]fluoranthene	ND		1300	180	ug/L		03/23/13 07:29	04/02/13 16:35	50
Bis(2-chloroethoxy)methane	ND		1300	88	ug/L		03/23/13 07:29	04/02/13 16:35	50
Bis(2-chloroethyl)ether	ND		1300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
Bis(2-ethylhexyl) phthalate	ND		1300	450	ug/L		03/23/13 07:29	04/02/13 16:35	50
Butyl benzyl phthalate	ND		1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
Chlorobenzilate	ND		5000	170	ug/L		03/23/13 07:29	04/02/13 16:35	50
Chrysene	ND	*	1300	83	ug/L		03/23/13 07:29	04/02/13 16:35	50
Dibenz[a,h]anthracene	ND		1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
Dibenzo[a,e]pyrene	ND		2500	380	ug/L		03/23/13 07:29	04/02/13 16:35	50
Diethyl phthalate	**270**	**J**	1300	55	ug/L		03/23/13 07:29	04/02/13 16:35	50
Dimethyl phthalate	**280**	**J**	1300	90	ug/L		03/23/13 07:29	04/02/13 16:35	50
Di-n-butyl phthalate	ND		1300	78	ug/L		03/23/13 07:29	04/02/13 16:35	50
Di-n-octyl phthalate	ND		1300	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
Dinoseb	ND		2500	740	ug/L		03/23/13 07:29	04/02/13 16:35	50
Diphenylamine	ND		2500	210	ug/L		03/23/13 07:29	04/02/13 16:35	50
Disulfoton	ND		2500	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
Famphur	ND		10000	480	ug/L		03/23/13 07:29	04/02/13 16:35	50
Fluoranthene	ND		1300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
Fluorene	ND		1300	90	ug/L		03/23/13 07:29	04/02/13 16:35	50
Hexachlorobenzene	ND	*	1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
Hexachlorobutadiene	ND		1300	170	ug/L		03/23/13 07:29	04/02/13 16:35	50
Hexachlorocyclopentadiene	ND		1300	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
Hexachloroethane	ND		1300	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
Hexachloropropene	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
Indeno[1,2,3-cd]pyrene	ND		1300	120	ug/L		03/23/13 07:29	04/02/13 16:35	50
Isodrin	ND		2500	45	ug/L		03/23/13 07:29	04/02/13 16:35	50
Isosafrole	ND		2500	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
Kepone	ND		13000	450	ug/L		03/23/13 07:29	04/02/13 16:35	50
Methapyrilene	ND		13000	450	ug/L		03/23/13 07:29	04/02/13 16:35	50
Methyl methanesulfonate	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl parathion	ND		2500	93	ug/L		03/23/13 07:29	04/02/13 16:35	50
Naphthalene	ND		1300	190	ug/L		03/23/13 07:29	04/02/13 16:35	50
Nitrobenzene	ND		1300	73	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosodiethylamine	ND		2500	90	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosodimethylamine	ND		2500	550	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosodi-n-butylamine	ND		2500	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosodi-n-propylamine	ND	*	1300	140	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosodiphenylamine	ND	*	1300	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosomethylethylamine	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosomorpholine	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosopiperidine	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
N-Nitrosopyrrolidine	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
Parathion	ND		2500	160	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pentachlorobenzene	**300**	**J**	2500	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pentachloronitrobenzene	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pentachlorophenol	ND		2500	550	ug/L		03/23/13 07:29	04/02/13 16:35	50
Phenacetin	ND		2500	150	ug/L		03/23/13 07:29	04/02/13 16:35	50
Phenanthrene	ND		1300	110	ug/L		03/23/13 07:29	04/02/13 16:35	50
Phorate	ND		2500	130	ug/L		03/23/13 07:29	04/02/13 16:35	50
Phthalic anhydride	ND		130000	14000	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pronamide	ND		2500	630	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pyrene	ND		1300	85	ug/L		03/23/13 07:29	04/02/13 16:35	50
Pyridine	**4600**	**J**	6300	100	ug/L		03/23/13 07:29	04/02/13 16:35	50
Safrole	ND		2500	120	ug/L		03/23/13 07:29	04/02/13 16:35	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane	*23000*		*ug/L*		*2.48*	*123-91-1*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Acetamide, N,N-dimethyl-	*62000*	*T J N*	*ug/L*		*2.98*	*127-19-5*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Ethanol, 2-butoxy-	*97000*	*T J N*	*ug/L*		*3.11*	*111-76-2*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Benzyl alcohol	*13000*		*ug/L*		*3.68*	*100-51-6*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Benzoic Acid	*32000*	*T J N*	*ug/L*		*4.17*	*65-85-0*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Benzoic acid	*290000*	*E*	*ug/L*		*4.25*	*65-85-0*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Phenol, 3-(1-methylethyl)-	*13000*	*T J N*	*ug/L*		*4.41*	*618-45-1*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Triacetin	*9300*	*T J N*	*ug/L*		*4.76*	*102-76-1*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Benzoic acid, 4-chloro-	*8900*	*T J N*	*ug/L*		*4.82*	*74-11-3*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Benzoic acid, 2-chloro-	*13000*	*T J N*	*ug/L*		*4.96*	*118-91-2*	*03/23/13 07:29*	*04/02/13 16:35*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*2127*	*X*	*52 - 132*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Nitrobenzene-d5	*5849*	*X*	*46 - 120*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
Phenol-d5	*0*	*X*	*16 - 120*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
p-Terphenyl-d14	*0*	*X*	*67 - 150*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
2-Fluorobiphenyl	*89*		*48 - 120*	*03/23/13 07:29*	*04/02/13 16:35*	*50*
2-Fluorophenol	*0*	*X*	*20 - 120*	*03/23/13 07:29*	*04/02/13 16:35*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	**140000**		13000	980	ug/L		03/23/13 07:29	04/03/13 13:19	500

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Acetamide, N,N-dimethyl-	58000	T J N	ug/L		2.98	127-19-5	03/23/13 07:29	04/03/13 13:19	500
Ethanol, 2-butoxy-	100000	T J N	ug/L		3.12	111-76-2	03/23/13 07:29	04/03/13 13:19	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	0	X	52 - 132	03/23/13 07:29	04/03/13 13:19	500
Nitrobenzene-d5	0	X	46 - 120	03/23/13 07:29	04/03/13 13:19	500
Phenol-d5	0	X	16 - 120	03/23/13 07:29	04/03/13 13:19	500
p-Terphenyl-d14	0	X	67 - 150	03/23/13 07:29	04/03/13 13:19	500
2-Fluorobiphenyl	0	X	48 - 120	03/23/13 07:29	04/03/13 13:19	500
2-Fluorophenol	0	X	20 - 120	03/23/13 07:29	04/03/13 13:19	500

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	**970000**		100000	41000	ug/L			03/27/13 09:14	100
Butyl alcohol, n-	**290000**		100000	40000	ug/L			03/27/13 09:14	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Hexanone	0	X	63 - 124		03/27/13 09:14	100

Method: 608 - Organochlorine Pesticides in Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	ND		4.6	0.58	ug/L		03/25/13 19:30	03/26/13 14:24	100
2,4'-DDE	ND		4.6	2.5	ug/L		03/25/13 19:30	03/26/13 14:24	100
2,4'-DDT	ND		4.6	0.84	ug/L		03/25/13 19:30	03/26/13 14:24	100
4,4'-DDD	**2.6**	**J**	4.6	0.85	ug/L		03/25/13 19:30	03/26/13 14:24	100
4,4'-DDE	ND		4.6	1.1	ug/L		03/25/13 19:30	03/26/13 14:24	100
4,4'-DDT	**2.5**	**J**	4.6	1.0	ug/L		03/25/13 19:30	03/26/13 14:24	100
Aldrin	ND		4.6	0.61	ug/L		03/25/13 19:30	03/26/13 14:24	100
alpha-BHC	**6.2**		4.6	0.61	ug/L		03/25/13 19:30	03/26/13 14:24	100
beta-BHC	**13**		4.6	2.3	ug/L		03/25/13 19:30	03/26/13 14:24	100
Chlordane	ND		46	27	ug/L		03/25/13 19:30	03/26/13 14:24	100
delta-BHC	**14**		4.6	0.93	ug/L		03/25/13 19:30	03/26/13 14:24	100
Dieldrin	ND		4.6	0.91	ug/L		03/25/13 19:30	03/26/13 14:24	100
Endosulfan I	ND		4.6	1.0	ug/L		03/25/13 19:30	03/26/13 14:24	100
Endosulfan II	ND		4.6	1.1	ug/L		03/25/13 19:30	03/26/13 14:24	100
Endosulfan sulfate	ND		4.6	1.5	ug/L		03/25/13 19:30	03/26/13 14:24	100
Endrin	**1.4**	**J**	4.6	1.3	ug/L		03/25/13 19:30	03/26/13 14:24	100
Endrin aldehyde	ND		4.6	1.5	ug/L		03/25/13 19:30	03/26/13 14:24	100
gamma-BHC (Lindane)	**14**		4.6	0.56	ug/L		03/25/13 19:30	03/26/13 14:24	100
Heptachlor	ND		4.6	0.79	ug/L		03/25/13 19:30	03/26/13 14:24	100
Heptachlor epoxide	ND		4.6	0.49	ug/L		03/25/13 19:30	03/26/13 14:24	100
Methoxychlor	ND		4.6	1.3	ug/L		03/25/13 19:30	03/26/13 14:24	100
Toxaphene	ND		46	11	ug/L		03/25/13 19:30	03/26/13 14:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	0	X	15 - 125	03/25/13 19:30	03/26/13 14:24	100
Tetrachloro-m-xylene	0	X	36 - 121	03/25/13 19:30	03/26/13 14:24	100

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		28	18	ug/L		03/23/13 07:40	03/26/13 03:14	500

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1221	ND		28	18	ug/L		03/23/13 07:40	03/26/13 03:14	500
Aroclor 1232	ND		28	18	ug/L		03/23/13 07:40	03/26/13 03:14	500
Aroclor 1242	ND		28	18	ug/L		03/23/13 07:40	03/26/13 03:14	500
Aroclor 1248	ND		28	18	ug/L		03/23/13 07:40	03/26/13 03:14	500
Aroclor 1254	ND		28	14	ug/L		03/23/13 07:40	03/26/13 03:14	500
Aroclor 1260	ND		28	14	ug/L		03/23/13 07:40	03/26/13 03:14	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*X*	*10 - 158*	*03/23/13 07:40*	*03/26/13 03:14*	*500*
Tetrachloro-m-xylene	*0*	*X*	*18 - 146*	*03/23/13 07:40*	*03/26/13 03:14*	*500*

Method: 8151A - Herbicides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		93	28	ug/L		03/25/13 14:24	03/28/13 17:02	200
Silvex (2,4,5-TP)	ND		93	67	ug/L		03/25/13 14:24	03/28/13 17:02	200
2,4-D	**1300**		93	74	ug/L		03/25/13 14:24	03/28/13 17:02	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*0*	*X*	*32 - 132*	*03/25/13 14:24*	*03/28/13 17:02*	*200*

Method: 8280A - Dioxins and Furans (HRGC/LRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	**2.4**	**J**	24	0.14	ng/L		04/04/13 11:18	04/05/13 21:52	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ND		24	0.12	ng/L		04/04/13 11:18	04/05/13 21:52	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND		24	0.14	ng/L		04/04/13 11:18	04/05/13 21:52	1
2,3,7,8-TCDD	ND		9.5	0.19	ng/L		04/04/13 11:18	04/05/13 21:52	1
2,3,7,8-TCDF	ND		9.5	0.12	ng/L		04/04/13 11:18	04/05/13 21:52	1
OCDD	**1.5**	**J**	47	0.19	ng/L		04/04/13 11:18	04/05/13 21:52	1
OCDF	**1.3**	**J**	47	0.17	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total HxCDD	ND		24	0.0095	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total HxCDF	ND		24	0.0095	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total PeCDD	ND		24	0.0095	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total PeCDF	ND		24	0.0095	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total TCDD	ND		9.5	0.19	ng/L		04/04/13 11:18	04/05/13 21:52	1
Total TCDF	ND		9.5	0.12	ng/L		04/04/13 11:18	04/05/13 21:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C-1,2,3,6,7,8-HxCDD	*58*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*
13C-2,3,7,8-TCDD	*60*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*
13C-1,2,3,4,6,7,8-HpCDF	*58*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*
13C-2,3,7,8-TCDF	*60*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*
13C-OCDD	*56*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
37Cl4-2,3,7,8-TCDD	*92*		*25 - 150*	*04/04/13 11:18*	*04/05/13 21:52*	*1*

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.13**	**J**	0.30	0.0068	mg/L		03/23/13 10:15	03/25/13 16:03	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: T103
Date Collected: 03/21/13 11:30
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-1
Matrix: Water

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.36		0.010	0.0056	mg/L		03/23/13 10:15	03/25/13 16:03	1
Barium	0.14	J	0.20	0.00070	mg/L		03/23/13 10:15	03/25/13 16:03	1
Beryllium	ND		0.0050	0.00030	mg/L		03/23/13 10:15	03/25/13 16:03	1
Cadmium	0.021		0.0050	0.00050	mg/L		03/23/13 10:15	03/25/13 16:03	1
Chromium	0.099		0.010	0.0010	mg/L		03/23/13 10:15	03/25/13 16:03	1
Lead	0.047		0.0050	0.0030	mg/L		03/23/13 10:15	03/25/13 16:03	1
Nickel	4.1		0.040	0.0013	mg/L		03/23/13 10:15	03/25/13 16:03	1
Selenium	1.0		0.015	0.0087	mg/L		03/23/13 10:15	03/25/13 16:03	1
Silver	0.023	J	0.025	0.0017	mg/L		03/23/13 10:15	03/25/13 16:03	1
Vanadium	0.0096	J	0.050	0.0015	mg/L		03/23/13 10:15	03/25/13 16:03	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		2.5	0.22	mg/L		03/23/13 11:40	04/03/13 04:00	500
Thallium	ND		0.010	0.000080	mg/L		03/23/13 11:40	03/31/13 03:09	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Residue	10100		10.0	4.0	mg/L			03/22/13 23:29	1
Total Cyanide	0.090		0.020	0.0050	mg/L		03/26/13 12:50	03/27/13 00:24	1
Cyanide, Weak Acid Dissociable	0.096		0.010	0.0060	mg/L		03/26/13 12:50	03/27/13 00:23	1
Fluoride	6.4		0.50	0.085	mg/L			03/28/13 04:37	5
Sulfide	5.6		2.0	1.3	mg/L			03/23/13 12:33	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: TB
Date Collected: 03/21/13 00:00
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			03/27/13 13:11	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 13:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 13:11	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	ND		1.0	0.31	ug/L			03/27/13 13:11	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 13:11	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 13:11	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 13:11	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			03/27/13 13:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 13:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/27/13 13:11	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 13:11	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 13:11	1
1,4-Dioxane	ND		40	9.3	ug/L			03/27/13 13:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 13:11	1
Acetone	ND		10	3.0	ug/L			03/27/13 13:11	1
Acetonitrile	ND		40	26	ug/L			03/27/13 13:11	1
Acrolein	ND		20	18	ug/L			03/27/13 13:11	1
Acrylonitrile	ND		5.0	0.83	ug/L			03/27/13 13:11	1
Allyl chloride	ND		1.0	0.44	ug/L			03/27/13 13:11	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 13:11	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 13:11	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 13:11	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 13:11	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 13:11	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 13:11	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 13:11	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 13:11	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 13:11	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 13:11	1
1,3-Butadiene, 2-chloro-	ND		1.0	0.49	ug/L			03/27/13 13:11	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 13:11	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 13:11	1
Dibromomethane	ND		1.0	0.41	ug/L			03/27/13 13:11	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 13:11	1
Ethyl acetate	ND		1.0	0.66	ug/L			03/27/13 13:11	1
Ethyl ether	ND		5.0	0.72	ug/L			03/27/13 13:11	1
Ethyl methacrylate	ND		1.0	0.59	ug/L			03/27/13 13:11	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 13:11	1
Iodomethane	ND		1.0	0.30	ug/L			03/27/13 13:11	1
Isobutanol	ND		40	20	ug/L			03/27/13 13:11	1
Methacrylonitrile	ND		5.0	0.69	ug/L			03/27/13 13:11	1
Methyl methacrylate	ND		1.0	0.61	ug/L			03/27/13 13:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 13:11	1
Propionitrile	ND		10	5.8	ug/L			03/27/13 13:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 13:11	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 13:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 13:11	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 13:11	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: TB
Date Collected: 03/21/13 00:00
Date Received: 03/22/13 09:00

Lab Sample ID: 480-34856-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 13:11	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 13:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 13:11	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 13:11	1
Cyclohexanone	ND		10	5.2	ug/L			03/27/13 13:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 13:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*03/27/13 13:11*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*03/27/13 13:11*	*1*
Toluene-d8 (Surr)	*118*		*71 - 126*		*03/27/13 13:11*	*1*

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

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

Lab Sample ID: MB 480-109392/5
Matrix: Water
Analysis Batch: 109392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			03/27/13 11:19	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/27/13 11:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/27/13 11:19	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	ND		1.0	0.31	ug/L			03/27/13 11:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/27/13 11:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/27/13 11:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/27/13 11:19	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			03/27/13 11:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/27/13 11:19	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/27/13 11:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/27/13 11:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/27/13 11:19	1
1,4-Dioxane	ND		40	9.3	ug/L			03/27/13 11:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/27/13 11:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/27/13 11:19	1
Acetone	ND		10	3.0	ug/L			03/27/13 11:19	1
Acetonitrile	ND		40	26	ug/L			03/27/13 11:19	1
Acrolein	ND		20	18	ug/L			03/27/13 11:19	1
Acrylonitrile	ND		5.0	0.83	ug/L			03/27/13 11:19	1
Allyl chloride	ND		1.0	0.44	ug/L			03/27/13 11:19	1
Benzene	ND		1.0	0.41	ug/L			03/27/13 11:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/27/13 11:19	1
Bromoform	ND		1.0	0.26	ug/L			03/27/13 11:19	1
Bromomethane	ND		1.0	0.69	ug/L			03/27/13 11:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/27/13 11:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/27/13 11:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/27/13 11:19	1
Chloroethane	ND		1.0	0.32	ug/L			03/27/13 11:19	1
Chloroform	ND		1.0	0.34	ug/L			03/27/13 11:19	1
Chloromethane	ND		1.0	0.35	ug/L			03/27/13 11:19	1
1,3-Butadiene, 2-chloro-	ND		1.0	0.49	ug/L			03/27/13 11:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/27/13 11:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/27/13 11:19	1
Dibromomethane	ND		1.0	0.41	ug/L			03/27/13 11:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/27/13 11:19	1
Ethyl acetate	ND		1.0	0.66	ug/L			03/27/13 11:19	1
Ethyl ether	ND		5.0	0.72	ug/L			03/27/13 11:19	1
Ethyl methacrylate	ND		1.0	0.59	ug/L			03/27/13 11:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/27/13 11:19	1
Iodomethane	ND		1.0	0.30	ug/L			03/27/13 11:19	1
Isobutanol	ND		40	20	ug/L			03/27/13 11:19	1
Methacrylonitrile	ND		5.0	0.69	ug/L			03/27/13 11:19	1
Methyl methacrylate	ND		1.0	0.61	ug/L			03/27/13 11:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/27/13 11:19	1
Propionitrile	ND		10	5.8	ug/L			03/27/13 11:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/27/13 11:19	1
Toluene	ND		1.0	0.51	ug/L			03/27/13 11:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/27/13 11:19	1

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

Lab Sample ID: MB 480-109392/5
Matrix: Water
Analysis Batch: 109392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/27/13 11:19	1
Trichloroethene	ND		1.0	0.46	ug/L			03/27/13 11:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/27/13 11:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/27/13 11:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/27/13 11:19	1
Cyclohexanone	ND		10	5.2	ug/L			03/27/13 11:19	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*03/27/13 11:19*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*03/27/13 11:19*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*03/27/13 11:19*	*1*
Toluene-d8 (Surr)	*116*		*71 - 126*		*03/27/13 11:19*	*1*

Lab Sample ID: LCS 480-109392/4
Matrix: Water
Analysis Batch: 109392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.3		ug/L		89	71 - 129
1,1-Dichloroethene	25.0	19.8		ug/L		79	58 - 121
1,2-Dichloroethane	25.0	22.4		ug/L		89	75 - 127
Benzene	25.0	23.7		ug/L		95	71 - 124
Chlorobenzene	25.0	26.3		ug/L		105	72 - 120
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122
Toluene	25.0	25.3		ug/L		101	80 - 122
trans-1,2-Dichloroethene	25.0	18.6		ug/L		75	73 - 127
Trichloroethene	25.0	23.4		ug/L		94	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*
Toluene-d8 (Surr)	*120*		*71 - 126*

Lab Sample ID: MB 480-109805/7
Matrix: Water
Analysis Batch: 109805

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.35	ug/L			03/28/13 23:17	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/28/13 23:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/28/13 23:17	1
1,1,2-Trichloro-1,2,2-trichfluoroethane	ND		1.0	0.31	ug/L			03/28/13 23:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/28/13 23:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/28/13 23:17	1

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

Lab Sample ID: MB 480-109805/7
Matrix: Water
Analysis Batch: 109805

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/28/13 23:17	1
1,2,3-Trichloropropane	ND		1.0	0.89	ug/L			03/28/13 23:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/28/13 23:17	1
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L			03/28/13 23:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/28/13 23:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/28/13 23:17	1
1,4-Dioxane	ND		40	9.3	ug/L			03/28/13 23:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/28/13 23:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/28/13 23:17	1
Acetone	ND		10	3.0	ug/L			03/28/13 23:17	1
Acetonitrile	ND		40	26	ug/L			03/28/13 23:17	1
Acrolein	ND		20	18	ug/L			03/28/13 23:17	1
Acrylonitrile	ND		5.0	0.83	ug/L			03/28/13 23:17	1
Allyl chloride	ND		1.0	0.44	ug/L			03/28/13 23:17	1
Benzene	ND		1.0	0.41	ug/L			03/28/13 23:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/28/13 23:17	1
Bromoform	ND		1.0	0.26	ug/L			03/28/13 23:17	1
Bromomethane	ND		1.0	0.69	ug/L			03/28/13 23:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/28/13 23:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/28/13 23:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/28/13 23:17	1
Chloroethane	ND		1.0	0.32	ug/L			03/28/13 23:17	1
Chloroform	ND		1.0	0.34	ug/L			03/28/13 23:17	1
Chloromethane	ND		1.0	0.35	ug/L			03/28/13 23:17	1
1,3-Butadiene, 2-chloro-	ND		1.0	0.49	ug/L			03/28/13 23:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/28/13 23:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/28/13 23:17	1
Dibromomethane	ND		1.0	0.41	ug/L			03/28/13 23:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/28/13 23:17	1
Ethyl acetate	ND		1.0	0.66	ug/L			03/28/13 23:17	1
Ethyl ether	ND		5.0	0.72	ug/L			03/28/13 23:17	1
Ethyl methacrylate	ND		1.0	0.59	ug/L			03/28/13 23:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/28/13 23:17	1
Iodomethane	ND		1.0	0.30	ug/L			03/28/13 23:17	1
Isobutanol	ND		40	20	ug/L			03/28/13 23:17	1
Methacrylonitrile	ND		5.0	0.69	ug/L			03/28/13 23:17	1
Methyl methacrylate	ND		1.0	0.61	ug/L			03/28/13 23:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/28/13 23:17	1
Propionitrile	ND		10	5.8	ug/L			03/28/13 23:17	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/28/13 23:17	1
Toluene	ND		1.0	0.51	ug/L			03/28/13 23:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/28/13 23:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/28/13 23:17	1
Trichloroethene	ND		1.0	0.46	ug/L			03/28/13 23:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/28/13 23:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/28/13 23:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/28/13 23:17	1
Cyclohexanone	ND		10	5.2	ug/L			03/28/13 23:17	1

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

Lab Sample ID: MB 480-109805/7
Matrix: Water
Analysis Batch: 109805

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

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L					03/28/13 23:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		66 - 137		03/28/13 23:17	1
4-Bromofluorobenzene (Surr)	101		73 - 120		03/28/13 23:17	1
Toluene-d8 (Surr)	95		71 - 126		03/28/13 23:17	1

Lab Sample ID: LCS 480-109805/4
Matrix: Water
Analysis Batch: 109805

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.2		ug/L		93	71 - 129
1,1-Dichloroethene	25.0	23.2		ug/L		93	58 - 121
1,2-Dichloroethane	25.0	21.4		ug/L		86	75 - 127
Benzene	25.0	23.4		ug/L		93	71 - 124
Chlorobenzene	25.0	24.0		ug/L		96	72 - 120
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	23.2		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	73 - 127
Trichloroethene	25.0	24.0		ug/L		96	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		66 - 137
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	96		71 - 126

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

Lab Sample ID: MB 480-108882/1-A
Matrix: Water
Analysis Batch: 110446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	ND		5.0	0.58	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,2,4-Trichlorobenzene	ND		10	0.44	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,2-Dichlorobenzene	ND		10	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,2-Diphenylhydrazine	ND		10	0.35	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,3-Dichlorobenzene	ND		10	0.48	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,4-Dichlorobenzene	ND		10	0.46	ug/L		03/23/13 06:29	04/02/13 15:39	1
1,4-Dinitrobenzene	ND		10	0.71	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,2'-Oxybis(1-chloropropane)	ND		5.0	0.52	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,3,4,6-Tetrachlorophenol	ND		5.0	0.32	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/23/13 06:29	04/02/13 15:39	1

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

Lab Sample ID: MB 480-108882/1-A
Matrix: Water
Analysis Batch: 110446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,6-Dichlorophenol	ND		10	0.46	ug/L		03/23/13 06:29	04/02/13 15:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
2-Acetylaminofluorene	ND		10	2.3	ug/L		03/23/13 06:29	04/02/13 15:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/23/13 06:29	04/02/13 15:39	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/23/13 06:29	04/02/13 15:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
2-Naphthylamine	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
3-Methylcholanthrene	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
3-Methylphenol	ND		10	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Aminobiphenyl	ND		10	0.81	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Methylphenol	ND		10	0.36	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Nitroaniline	ND		10	0.25	ug/L		03/23/13 06:29	04/02/13 15:39	1
4-Nitrophenol	ND		10	1.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
5-Nitro-o-toluidine	ND		10	0.66	ug/L		03/23/13 06:29	04/02/13 15:39	1
Acenaphthene	ND		5.0	0.41	ug/L		03/23/13 06:29	04/02/13 15:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/23/13 06:29	04/02/13 15:39	1
Acetophenone	ND		5.0	0.54	ug/L		03/23/13 06:29	04/02/13 15:39	1
Aniline	ND		10	0.61	ug/L		03/23/13 06:29	04/02/13 15:39	1
Anthracene	ND		5.0	0.28	ug/L		03/23/13 06:29	04/02/13 15:39	1
Aramite	ND		20	1.6	ug/L		03/23/13 06:29	04/02/13 15:39	1
Benzo[a]anthracene	ND		5.0	0.36	ug/L		03/23/13 06:29	04/02/13 15:39	1
Benzo[a]pyrene	ND		5.0	0.47	ug/L		03/23/13 06:29	04/02/13 15:39	1
Benzo[b]fluoranthene	ND		5.0	0.34	ug/L		03/23/13 06:29	04/02/13 15:39	1
Benzo[g,h,i]perylene	ND		5.0	0.35	ug/L		03/23/13 06:29	04/02/13 15:39	1
Benzo[k]fluoranthene	ND		5.0	0.73	ug/L		03/23/13 06:29	04/02/13 15:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/23/13 06:29	04/02/13 15:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	1.8	ug/L		03/23/13 06:29	04/02/13 15:39	1
Butyl benzyl phthalate	ND		5.0	0.42	ug/L		03/23/13 06:29	04/02/13 15:39	1
Chlorobenzilate	ND		20	0.67	ug/L		03/23/13 06:29	04/02/13 15:39	1
Chrysene	ND		5.0	0.33	ug/L		03/23/13 06:29	04/02/13 15:39	1
Dibenz[a,h]anthracene	ND		5.0	0.42	ug/L		03/23/13 06:29	04/02/13 15:39	1
Dibenzo[a,e]pyrene	ND		10	1.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/23/13 06:29	04/02/13 15:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/23/13 06:29	04/02/13 15:39	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/23/13 06:29	04/02/13 15:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/23/13 06:29	04/02/13 15:39	1
Dinoseb	ND		10	2.9	ug/L		03/23/13 06:29	04/02/13 15:39	1
Diphenylamine	ND		10	0.82	ug/L		03/23/13 06:29	04/02/13 15:39	1
Disulfoton	ND		10	0.42	ug/L		03/23/13 06:29	04/02/13 15:39	1
Famphur	ND		40	1.9	ug/L		03/23/13 06:29	04/02/13 15:39	1

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

Lab Sample ID: MB 480-108882/1-A
Matrix: Water
Analysis Batch: 110446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		03/23/13 06:29	04/02/13 15:39	1
Fluorene	ND		5.0	0.36	ug/L		03/23/13 06:29	04/02/13 15:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/23/13 06:29	04/02/13 15:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/23/13 06:29	04/02/13 15:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/23/13 06:29	04/02/13 15:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/23/13 06:29	04/02/13 15:39	1
Hexachloropropene	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Indeno[1,2,3-cd]pyrene	ND		5.0	0.47	ug/L		03/23/13 06:29	04/02/13 15:39	1
Isodrin	ND		10	0.18	ug/L		03/23/13 06:29	04/02/13 15:39	1
Isosafrole	ND		10	0.58	ug/L		03/23/13 06:29	04/02/13 15:39	1
Kepone	ND		50	1.8	ug/L		03/23/13 06:29	04/02/13 15:39	1
Methapyrilene	ND		50	1.8	ug/L		03/23/13 06:29	04/02/13 15:39	1
Methyl methanesulfonate	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Methyl parathion	ND		10	0.37	ug/L		03/23/13 06:29	04/02/13 15:39	1
Naphthalene	ND		5.0	0.76	ug/L		03/23/13 06:29	04/02/13 15:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosodiethylamine	ND		10	0.36	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosodimethylamine	ND		10	2.2	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosodi-n-butylamine	ND		10	0.60	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosomethylethylamine	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosomorpholine	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosopiperidine	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
N-Nitrosopyrrolidine	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Parathion	ND		10	0.64	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pentachlorobenzene	ND		10	0.53	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pentachloronitrobenzene	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pentachlorophenol	ND		10	2.2	ug/L		03/23/13 06:29	04/02/13 15:39	1
Phenacetin	ND		10	0.61	ug/L		03/23/13 06:29	04/02/13 15:39	1
Phenanthrene	ND		5.0	0.44	ug/L		03/23/13 06:29	04/02/13 15:39	1
Phenol	ND		5.0	0.39	ug/L		03/23/13 06:29	04/02/13 15:39	1
Phorate	ND		10	0.50	ug/L		03/23/13 06:29	04/02/13 15:39	1
Phthalic anhydride	ND		500	56	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pronamide	ND		10	2.5	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pyrene	ND		5.0	0.34	ug/L		03/23/13 06:29	04/02/13 15:39	1
Pyridine	ND		25	0.41	ug/L		03/23/13 06:29	04/02/13 15:39	1
Safrole	ND		10	0.46	ug/L		03/23/13 06:29	04/02/13 15:39	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Ethanol, 2,2'-oxybis-	*10.4*	*T J N*	*ug/L*		*3.32*	*111-46-6*	*03/23/13 06:29*	*04/02/13 15:39*	*1*
2-Propanol, 1-[1-methyl-2-(2-propenyloxy	*10.8*	*T J N*	*ug/L*		*7.66*	*55956-25-7*	*03/23/13 06:29*	*04/02/13 15:39*	*1*
2-Propanol, 1-[1-methyl-2-(2-propenyloxy	*7.58*	*T J N*	*ug/L*		*8.49*	*55956-25-7*	*03/23/13 06:29*	*04/02/13 15:39*	*1*
Ethane, 1,2-diethoxy-	*7.56*	*T J N*	*ug/L*		*9.11*	*629-14-1*	*03/23/13 06:29*	*04/02/13 15:39*	*1*
1-Propanol, 2-(2-methoxy-1-methylethoxy)	*9.49*	*T J N*	*ug/L*		*10.30*	*55956-21-3*	*03/23/13 06:29*	*04/02/13 15:39*	*1*

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

Lab Sample ID: MB 480-108882/1-A
Matrix: Water
Analysis Batch: 110446

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108882

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butanoic acid, 3-methoxy-	7.36	T J N	ug/L		12.36	10024-70-1	03/23/13 06:29	04/02/13 15:39	1
Hexaethylene glycol dimethyl ether	7.55	T J N	ug/L		14.00	1072-40-8	03/23/13 06:29	04/02/13 15:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		52 - 132	03/23/13 06:29	04/02/13 15:39	1
Nitrobenzene-d5	80		46 - 120	03/23/13 06:29	04/02/13 15:39	1
Phenol-d5	32		16 - 120	03/23/13 06:29	04/02/13 15:39	1
p-Terphenyl-d14	108		67 - 150	03/23/13 06:29	04/02/13 15:39	1
2-Fluorobiphenyl	86		48 - 120	03/23/13 06:29	04/02/13 15:39	1
2-Fluorophenol	42		20 - 120	03/23/13 06:29	04/02/13 15:39	1

Lab Sample ID: LCS 480-108882/2-A
Matrix: Water
Analysis Batch: 110446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	91.0	78.9		ug/L		87	40 - 120
1,4-Dichlorobenzene	92.0	79.6		ug/L		86	32 - 120
2,4-Dinitrotoluene	88.0	135		ug/L		154	65 - 154
2-Chlorophenol	92.0	97.8		ug/L		106	48 - 120
4-Chloro-3-methylphenol	90.0	116	*	ug/L		128	64 - 120
4-Nitrophenol	89.0	60.6		ug/L		68	16 - 120
Acenaphthene	94.0	103		ug/L		109	60 - 120
Bis(2-ethylhexyl) phthalate	84.0	123		ug/L		146	53 - 158
Fluorene	93.0	110		ug/L		118	55 - 143
Hexachloroethane	92.0	67.9		ug/L		74	14 - 101
N-Nitrosodi-n-propylamine	93.0	116	*	ug/L		125	56 - 120
Pentachlorophenol	97.0	105		ug/L		109	39 - 136
Phenol	91.0	47.2		ug/L		52	17 - 120
Pyrene	92.0	114		ug/L		124	58 - 136

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol	110		52 - 132
Nitrobenzene-d5	93		46 - 120
Phenol-d5	42		16 - 120
p-Terphenyl-d14	106		67 - 150
2-Fluorobiphenyl	96		48 - 120
2-Fluorophenol	56		20 - 120

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Lab Sample ID: MB 480-109374/3
Matrix: Water
Analysis Batch: 109374

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		1000	410	ug/L			03/27/13 08:12	1

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: MB 480-109374/3
Matrix: Water
Analysis Batch: 109374

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl alcohol, n-	ND		1000	400	ug/L			03/27/13 08:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Hexanone	*92*		*63 - 124*		*03/27/13 08:12*	*1*

Lab Sample ID: LCS 480-109374/4
Matrix: Water
Analysis Batch: 109374

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methanol			20000	18400		ug/L		92	76 - 122		
Butyl alcohol, n-			20000	16400		ug/L		82	75 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Hexanone	*93*		*63 - 124*

Lab Sample ID: LCSD 480-109374/5
Matrix: Water
Analysis Batch: 109374

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methanol			20000	19200		ug/L		96	76 - 122	4	30
Butyl alcohol, n-			20000	17200		ug/L		86	75 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Hexanone	*100*		*63 - 124*

Method: 608 - Organochlorine Pesticides in Water

Lab Sample ID: MB 480-109118/1-A
Matrix: Water
Analysis Batch: 109186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	ND		0.050	0.0063	ug/L		03/25/13 19:30	03/26/13 08:51	1
2,4'-DDE	ND		0.050	0.027	ug/L		03/25/13 19:30	03/26/13 08:51	1
2,4'-DDT	ND		0.050	0.0091	ug/L		03/25/13 19:30	03/26/13 08:51	1
4,4'-DDD	ND		0.050	0.0092	ug/L		03/25/13 19:30	03/26/13 08:51	1
4,4'-DDE	ND		0.050	0.012	ug/L		03/25/13 19:30	03/26/13 08:51	1
4,4'-DDT	ND		0.050	0.011	ug/L		03/25/13 19:30	03/26/13 08:51	1
Aldrin	ND		0.050	0.0066	ug/L		03/25/13 19:30	03/26/13 08:51	1
alpha-BHC	ND		0.050	0.0066	ug/L		03/25/13 19:30	03/26/13 08:51	1
beta-BHC	ND		0.050	0.025	ug/L		03/25/13 19:30	03/26/13 08:51	1
Chlordane	ND		0.50	0.29	ug/L		03/25/13 19:30	03/26/13 08:51	1
delta-BHC	ND		0.050	0.010	ug/L		03/25/13 19:30	03/26/13 08:51	1
Dieldrin	ND		0.050	0.0098	ug/L		03/25/13 19:30	03/26/13 08:51	1
Endosulfan I	ND		0.050	0.011	ug/L		03/25/13 19:30	03/26/13 08:51	1

Method: 608 - Organochlorine Pesticides in Water (Continued)

Lab Sample ID: MB 480-109118/1-A
Matrix: Water
Analysis Batch: 109186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II	ND		0.050	0.012	ug/L		03/25/13 19:30	03/26/13 08:51	1
Endosulfan sulfate	ND		0.050	0.016	ug/L		03/25/13 19:30	03/26/13 08:51	1
Endrin	ND		0.050	0.014	ug/L		03/25/13 19:30	03/26/13 08:51	1
Endrin aldehyde	ND		0.050	0.016	ug/L		03/25/13 19:30	03/26/13 08:51	1
gamma-BHC (Lindane)	ND		0.050	0.0060	ug/L		03/25/13 19:30	03/26/13 08:51	1
Heptachlor	ND		0.050	0.0085	ug/L		03/25/13 19:30	03/26/13 08:51	1
Heptachlor epoxide	ND		0.050	0.0053	ug/L		03/25/13 19:30	03/26/13 08:51	1
Methoxychlor	ND		0.050	0.014	ug/L		03/25/13 19:30	03/26/13 08:51	1
Toxaphene	ND		0.50	0.12	ug/L		03/25/13 19:30	03/26/13 08:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*66*		*15 - 125*	*03/25/13 19:30*	*03/26/13 08:51*	*1*
Tetrachloro-m-xylene	*62*		*36 - 121*	*03/25/13 19:30*	*03/26/13 08:51*	*1*

Lab Sample ID: LCS 480-109118/2-A
Matrix: Water
Analysis Batch: 109186

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	0.500	0.452		ug/L		90	54 - 142
4,4'-DDE	0.500	0.427		ug/L		85	48 - 128
4,4'-DDT	0.500	0.401		ug/L		80	53 - 136
Aldrin	0.500	0.358		ug/L		72	35 - 120
alpha-BHC	0.500	0.395		ug/L		79	39 - 121
beta-BHC	0.500	0.431		ug/L		86	39 - 138
delta-BHC	0.500	0.424		ug/L		85	40 - 121
Dieldrin	0.500	0.476		ug/L		95	52 - 132
Endosulfan I	0.500	0.461		ug/L		92	47 - 126
Endosulfan II	0.500	0.467		ug/L		93	48 - 134
Endosulfan sulfate	0.500	0.461		ug/L		92	57 - 140
Endrin	0.500	0.495		ug/L		99	54 - 135
Endrin aldehyde	0.500	0.445		ug/L		89	55 - 132
gamma-BHC (Lindane)	0.500	0.406		ug/L		81	54 - 134
Heptachlor	0.500	0.430		ug/L		86	42 - 126
Heptachlor epoxide	0.500	0.466		ug/L		93	53 - 134
Methoxychlor	0.500	0.429		ug/L		86	47 - 166

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*15 - 125*
Tetrachloro-m-xylene	*65*		*36 - 121*

Method: 608 - Polychlorinated Biphenyls (PCBs) (GC)

Lab Sample ID: MB 480-108884/1-A
Matrix: Water
Analysis Batch: 108979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	ND		0.060	0.038	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1221	ND		0.060	0.038	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1232	ND		0.060	0.038	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1242	ND		0.060	0.038	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1248	ND		0.060	0.038	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1254	ND		0.060	0.031	ug/L		03/23/13 06:40	03/25/13 11:29	1
Aroclor 1260	ND		0.060	0.031	ug/L		03/23/13 06:40	03/25/13 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*10 - 158*	*03/23/13 06:40*	*03/25/13 11:29*	*1*
Tetrachloro-m-xylene	*77*		*18 - 146*	*03/23/13 06:40*	*03/25/13 11:29*	*1*

Lab Sample ID: LCS 480-108884/2-A
Matrix: Water
Analysis Batch: 108979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108884

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor 1016	1.00	0.971		ug/L		97	44 - 154
Aroclor 1260	1.00	0.803		ug/L		80	34 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*54*		*10 - 158*
Tetrachloro-m-xylene	*78*		*18 - 146*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 480-109072/1-A
Matrix: Water
Analysis Batch: 109480

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 109072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		0.50	0.15	ug/L		03/25/13 14:24	03/27/13 16:59	1
Silvex (2,4,5-TP)	ND		0.50	0.36	ug/L		03/25/13 14:24	03/27/13 16:59	1
2,4-D	ND		0.50	0.40	ug/L		03/25/13 14:24	03/27/13 16:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*32 - 132*	*03/25/13 14:24*	*03/27/13 16:59*	*1*

Lab Sample ID: LCS 480-109072/2-A
Matrix: Water
Analysis Batch: 109480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,4,5-T	2.00	1.97		ug/L		99	46 - 143
Silvex (2,4,5-TP)	2.00	1.87		ug/L		94	44 - 147
2,4-D	2.00	1.97		ug/L		99	45 - 149

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCS 480-109072/2-A
Matrix: Water
Analysis Batch: 109480

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 109072

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4-Dichlorophenylacetic acid	121		32 - 132

Lab Sample ID: LCSD 480-109072/3-A
Matrix: Water
Analysis Batch: 109480

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 109072

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-T			2.00	1.93		ug/L		97	46 - 143	NaN	50
Silvex (2,4,5-TP)			2.00	1.83		ug/L		92	44 - 147	NaN	50
2,4-D			2.00	1.85		ug/L		93	45 - 149	NaN	50

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4-Dichlorophenylacetic acid	117		32 - 132

Method: 8280A - Dioxins and Furans (HRGC/LRMS)

Lab Sample ID: MB 320-13628/1-A
Matrix: Water
Analysis Batch: 13783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 13628

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	ND		13	0.053	ng/L		04/04/13 11:18	04/05/13 17:53	1
1,2,3,4,6,7,8-Heptachlorodibenzofuran	ND		13	0.056	ng/L		04/04/13 11:18	04/05/13 17:53	1
1,2,3,4,7,8,9-Heptachlorodibenzofuran	ND		13	0.062	ng/L		04/04/13 11:18	04/05/13 17:53	1
2,3,7,8-TCDD	ND		5.0	0.060	ng/L		04/04/13 11:18	04/05/13 17:53	1
2,3,7,8-TCDF	ND		5.0	0.032	ng/L		04/04/13 11:18	04/05/13 17:53	1
OCDD	ND		25	0.093	ng/L		04/04/13 11:18	04/05/13 17:53	1
OCDF	ND		25	0.068	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total HxCDD	ND		13	0.053	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total HxCDF	ND		13	0.053	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total PeCDD	ND		13	0.069	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total PeCDF	ND		13	0.043	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total TCDD	ND		5.0	0.060	ng/L		04/04/13 11:18	04/05/13 17:53	1
Total TCDF	ND		5.0	0.032	ng/L		04/04/13 11:18	04/05/13 17:53	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C-1,2,3,6,7,8-HxCDD	59		25 - 150	04/04/13 11:18	04/05/13 17:53	1
13C-2,3,7,8-TCDD	66		25 - 150	04/04/13 11:18	04/05/13 17:53	1
13C-1,2,3,4,6,7,8-HpCDF	54		25 - 150	04/04/13 11:18	04/05/13 17:53	1
13C-2,3,7,8-TCDF	65		25 - 150	04/04/13 11:18	04/05/13 17:53	1
13C-OCDD	48		25 - 150	04/04/13 11:18	04/05/13 17:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
37Cl4-2,3,7,8-TCDD	91		25 - 150	04/04/13 11:18	04/05/13 17:53	1

Method: 8280A - Dioxins and Furans (HRGC/LRMS) (Continued)

Lab Sample ID: LCS 320-13628/2-A
Matrix: Water
Analysis Batch: 13783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 13628

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	62.5	61.0		ng/L		98	63 - 124
1,2,3,4,6,7,8-Heptachlorodibenzofuran	62.5	64.9		ng/L		104	65 - 127
1,2,3,4,7,8,9-Heptachlorodibenzofuran	62.5	65.5		ng/L		105	51 - 148
2,3,7,8-TCDD	25.0	25.7		ng/L		103	66 - 126
2,3,7,8-TCDF	25.0	26.7		ng/L		107	65 - 125
OCDD	125	129		ng/L		103	64 - 124
OCDF	125	135		ng/L		108	64 - 124

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
13C-1,2,3,6,7,8-HxCDD	*61*		*25 - 150*
13C-2,3,7,8-TCDD	*61*		*25 - 150*
13C-1,2,3,4,6,7,8-HpCDF	*61*		*25 - 150*
13C-2,3,7,8-TCDF	*58*		*25 - 150*
13C-OCDD	*51*		*25 - 150*

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
37Cl4-2,3,7,8-TCDD	*90*		*25 - 150*

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 480-108837/1-A
Matrix: Water
Analysis Batch: 109198

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108837

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.30	0.0068	mg/L		03/23/13 10:15	03/25/13 15:26	1
Arsenic	ND		0.010	0.0056	mg/L		03/23/13 10:15	03/25/13 15:26	1
Barium	ND		0.20	0.00070	mg/L		03/23/13 10:15	03/25/13 15:26	1
Beryllium	ND		0.0050	0.00030	mg/L		03/23/13 10:15	03/25/13 15:26	1
Cadmium	ND		0.0050	0.00050	mg/L		03/23/13 10:15	03/25/13 15:26	1
Chromium	ND		0.010	0.0010	mg/L		03/23/13 10:15	03/25/13 15:26	1
Lead	ND		0.0050	0.0030	mg/L		03/23/13 10:15	03/25/13 15:26	1
Nickel	ND		0.040	0.0013	mg/L		03/23/13 10:15	03/25/13 15:26	1
Selenium	ND		0.015	0.0087	mg/L		03/23/13 10:15	03/25/13 15:26	1
Silver	ND		0.025	0.0017	mg/L		03/23/13 10:15	03/25/13 15:26	1
Vanadium	ND		0.050	0.0015	mg/L		03/23/13 10:15	03/25/13 15:26	1

Lab Sample ID: LCS 480-108837/2-A
Matrix: Water
Analysis Batch: 109198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.200	0.198	J	mg/L		99	85 - 115
Arsenic	0.200	0.199		mg/L		100	85 - 115
Barium	0.200	0.213		mg/L		106	85 - 115

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-108837/2-A
Matrix: Water
Analysis Batch: 109198

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108837

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.200	0.207		mg/L		103	85 - 115
Cadmium	0.200	0.204		mg/L		102	85 - 115
Chromium	0.200	0.204		mg/L		102	85 - 115
Lead	0.200	0.197		mg/L		99	85 - 115
Nickel	0.200	0.198		mg/L		99	85 - 115
Selenium	0.200	0.200		mg/L		100	85 - 115
Silver	0.0500	0.0526		mg/L		105	85 - 115
Vanadium	0.200	0.211		mg/L		106	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 480-108840/1-A
Matrix: Water
Analysis Batch: 110259

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 108840

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.0050	0.00044	mg/L		03/23/13 11:40	03/31/13 00:33	1
Thallium	ND		0.0010	0.0000080	mg/L		03/23/13 11:40	03/31/13 00:33	1

Lab Sample ID: LCS 480-108840/2-A
Matrix: Water
Analysis Batch: 110259

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 108840

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	0.0200	0.0188		mg/L		94	85 - 115
Thallium	0.0200	0.0207		mg/L		104	85 - 115

Lab Sample ID: LCSD 480-108840/3-A
Matrix: Water
Analysis Batch: 110259

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 108840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	0.0200	0.0198		mg/L		99	85 - 115	5	20
Thallium	0.0200	0.0202		mg/L		101	85 - 115	3	20

Method: 160.4 - Solids, Total Volatile (TVS)

Lab Sample ID: MB 480-108871/1
Matrix: Water
Analysis Batch: 108871

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Residue	ND		10.0	4.0	mg/L			03/22/13 23:27	1

Method: 160.4 - Solids, Total Volatile (TVS) (Continued)

Lab Sample ID: 480-34856-1 DU — **Client Sample ID: T103**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108871

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Volatile Residue	10100		9924		mg/L		2	20

Method: SM 4500 CN I - Cyanide, Weak Acid Dissociable

Lab Sample ID: MB 480-109302/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 109346 — **Prep Batch: 109302**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Weak Acid Dissociable	ND		0.010	0.0060	mg/L		03/26/13 12:50	03/27/13 00:05	1

Lab Sample ID: LCS 480-109302/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 109346 — **Prep Batch: 109302**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Weak Acid Dissociable	0.400	0.421		mg/L		105	90 - 110

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 480-109589/27 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 109589

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10	0.017	mg/L			03/28/13 03:05	1

Lab Sample ID: LCS 480-109589/28 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 109589

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Fluoride	1.00	1.01		mg/L		101	90 - 110

Method: SM 4500 S2 F - Sulfide, Total

Lab Sample ID: MB 480-108922/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 108922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	ND		1.0	0.67	mg/L			03/23/13 12:23	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Method: SM 4500 S2 F - Sulfide, Total (Continued)

Lab Sample ID: LCS 480-108922/4
Matrix: Water
Analysis Batch: 108922

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	10.0	9.60		mg/L		96	90 - 110

Lab Chronicle

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Client Sample ID: T103

Lab Sample ID: 480-34856-1

Date Collected: 03/21/13 11:30

Matrix: Water

Date Received: 03/22/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B	DL	5000	109392	03/27/13 12:49	RL	TAL BUF
Total/NA	Analysis	8260B		100	109805	03/29/13 00:02	LH	TAL BUF
Total/NA	Prep	3510C			108882	03/23/13 07:29	DE	TAL BUF
Total/NA	Analysis	8270C		50	110446	04/02/13 16:35	RMM	TAL BUF
Total/NA	Prep	3510C	DL		108882	03/23/13 07:29	DE	TAL BUF
Total/NA	Analysis	8270C	DL	500	110650	04/03/13 13:19	RMM	TAL BUF
Total/NA	Analysis	8015B		100	109374	03/27/13 09:14	CD	TAL BUF
Total/NA	Prep	3510C			108884	03/23/13 07:40	DE	TAL BUF
Total/NA	Analysis	608		500	108979	03/26/13 03:14	JM	TAL BUF
Total/NA	Prep	3510C			109118	03/25/13 19:30	TG	TAL BUF
Total/NA	Analysis	608		100	109186	03/26/13 14:24	LW	TAL BUF
Total/NA	Prep	3510C			109118	03/25/13 19:30	TG	TAL BUF
Total/NA	Analysis	608		100	109186	03/26/13 14:24	LW	TAL BUF
Total/NA	Prep	8151A			109072	03/25/13 14:24	TG	TAL BUF
Total/NA	Analysis	8151A		200	109715	03/28/13 17:02	JAD	TAL BUF
Total/NA	Prep	8280A			13628	04/04/13 11:18	NM	TAL SAC
Total/NA	Analysis	8280A		1	13783	04/05/13 21:52	MO	TAL SAC
Total/NA	Prep	200.7			108837	03/23/13 10:15	SS	TAL BUF
Total/NA	Analysis	200.7 Rev 4.4		1	109198	03/25/13 16:03	LH	TAL BUF
Total/NA	Prep	200.8			108840	03/23/13 11:40	SS	TAL BUF
Total/NA	Analysis	200.8		10	110259	03/31/13 03:09	MM	TAL BUF
Total/NA	Prep	200.8			108840	03/23/13 11:40	SS	TAL BUF
Total/NA	Analysis	200.8		500	110691	04/03/13 04:00	MM	TAL BUF
Total/NA	Analysis	160.4		1	108871	03/22/13 23:29	KS	TAL BUF
Total/NA	Analysis	SM 4500 S2 F		1	108922	03/23/13 12:33	KS	TAL BUF
Total/NA	Prep	SM 4500 CN I			109302	03/26/13 12:50	EGN	TAL BUF
Total/NA	Analysis	SM 4500 CN I		1	109346	03/27/13 00:23	PJQ	TAL BUF
Total/NA	Prep	Distill/CN			109302	03/26/13 12:50	EGN	TAL BUF
Total/NA	Analysis	335.4		1	109346	03/27/13 00:24	PJQ	TAL BUF
Total/NA	Analysis	SM 4500 F C		5	109589	03/28/13 04:37	LK	TAL BUF

Client Sample ID: TB

Lab Sample ID: 480-34856-2

Date Collected: 03/21/13 00:00

Matrix: Water

Date Received: 03/22/13 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109392	03/27/13 13:11	RL	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Certification Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Laboratory: TestAmerica Buffalo

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	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-14
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13 *
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13 *
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13 *
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-13 *
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Laboratory: TestAmerica Sacramento

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	DoD ELAP		2928-01	01-31-14
Alaska (UST)	State Program	10	UST-055	12-18-13
Arizona	State Program	9	AZ0708	08-11-13 *
Arkansas DEQ	State Program	6	88-0691	06-17-13
California	NELAP	9	1119CA	01-31-14
Colorado	State Program	8	N/A	08-31-13
Connecticut	State Program	1	PH-0691	06-30-13
Florida	NELAP	4	E87570	06-30-13
Guam	State Program	9	N/A	08-31-13
Hawaii	State Program	9	N/A	01-31-14
Illinois	NELAP	5	200060	03-17-14

* Expired certification is currently pending renewal and is considered valid.

Certification Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Laboratory: TestAmerica Sacramento (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
Kansas	NELAP	7	E-10375	10-31-13
Louisiana	NELAP	6	30612	06-30-13
Michigan	State Program	5	9947	01-31-14
Nevada	State Program	9	CA44	07-31-13
New Jersey	NELAP	2	CA005	06-30-13
New York	NELAP	2	11666	04-01-14
Northern Mariana Islands	State Program	9	MP0007	02-01-14
Oregon	NELAP	10	CA200005	03-28-14
Pennsylvania	NELAP	3	68-01272	03-31-14
South Carolina	State Program	4	87014	06-30-13
Texas	NELAP	6	T104704399-08-TX	05-31-13
US Fish & Wildlife	Federal		LE148388-0	12-31-13
USDA	Federal		P330-11-00436	12-30-14
USEPA UCMR	Federal	1	CA00044	11-06-14
Utah	NELAP	8	QUAN1	01-31-14
Washington	State Program	10	C581	05-05-13
West Virginia	State Program	3	9930C	12-31-13
West Virginia DEP	State Program	3	334	07-31-13
Wyoming	State Program	8	8TMS-Q	01-31-14

Method Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL BUF
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL BUF
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	TAL BUF
608	Polychlorinated Biphenyls (PCBs) (GC)	40CFR136A	TAL BUF
608	Organochlorine Pesticides in Water	40CFR136A	TAL BUF
8151A	Herbicides (GC)	SW846	TAL BUF
8280A	Dioxins and Furans (HRGC/LRMS)	SW846	TAL SAC
200.7 Rev 4.4	Metals (ICP)	EPA	TAL BUF
200.8	Metals (ICP/MS)	EPA	TAL BUF
160.4	Solids, Total Volatile (TVS)	MCAWW	TAL BUF
335.4	Cyanide, Total	MCAWW	TAL BUF
SM 4500 CN I	Cyanide, Weak Acid Dissociable	SM	TAL BUF
SM 4500 F C	Fluoride	SM	TAL BUF
SM 4500 S2 F	Sulfide, Total	SM	TAL BUF

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

WASTE MANAGEMENT CHAIN OF CUSTODY

480-34856 Chain of Custody

Sampler Name (Print)	Signature:
J. Hardy	Jessica Hardy
Site Name:	**Spec Request:**
AWM	AC
Site Location:	**Event Name:**
Model City, NY	ATF/NF Leachate

Sample Identification	Sample Date	Sample Time	MATRIX	COMP / GRAB	8260VOA	T-METALS	~~D-METALS~~ 6010B-DAI	CHLORIDE/SULFATE/NITRATE PH, TSS, TDS	ALK / CARB / BICARB	~~SM4500-S2- F-Sulfide~~ HARDNESS	~~4500 F,C-~~ Fluoride	~~NH3/COD~~ TOC 335.4 4500 CN-I Cyanide	8260B	PCB	Pest	herbicide	SVOC 8270C	VOA 8260B residue	Additional Analysis/Remarks
			INDICATE FIELD FILTERED AND PRESERVATION TYPE IN APPROPRIATE CONTAINER BOX BELOW																
TB	T103	3/21/13	1130	WW	G	2/1	1/3	2/6			1/5	1/6	1/4	4/6	4/6	4/6	4/6	4/6	1/6	ID on bottles says T101 → Should be T103
		↓	—	↓	↓	↓														

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Jessica Hardy	AWM	3/21/13	1205	Chuck Kahr	TA	3/22/13	0900
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	~~DATE~~	~~TIME~~

Matrix Key		Container Key		Preservation Key	
WW	Wastewater	1.	Plastic	1.	HCl, Cool to 4°
~~W~~	~~Water/Groundwater~~	2.	VOA Vial	2	H_2SO_4, Cool to 4°
S	Solid	3	Sterile Plastic	3	HNO_3, Cool to 4°
SI	Sludge	4.	Amber Glass	4.	NaOH, Cool to 4°
MS	Miscellaneous Solids	5.	Widemouth Glass	5	NaOH/Zn Acetate, Cool to 4°
OI	Oil	6	Other	6.	Cool to 4°
A	Air			7	None
O	_____				

COMMENTS	Courier:
Temp 1.3 4.2 Ice #2	Bill of Lading:

TAL-8219 (1108)

Isotope Dilution Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill: ATINF LEACH

TestAmerica Job ID: 480-34856-1

Method: 8280A - Dioxins and Furans (HRGC/LRMS)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		HxCDD2	TCDD	HpCDF1	TCDF	OCDD			
Lab Sample ID	Client Sample ID	(25-150)	(25-150)	(25-150)	(25-150)	(25-150)			
480-34856-1	T103	58	60	58	60	56			
LCS 320-13628/2-A	Lab Control Sample	61	61	61	58	51			
MB 320-13628/1-A	Method Blank	59	66	54	65	48			

Surrogate Legend

HxCDD2 = 13C-1,2,3,6,7,8-HxCDD
TCDD = 13C-2,3,7,8-TCDD
HpCDF1 = 13C-1,2,3,4,6,7,8-HpCDF
TCDF = 13C-2,3,7,8-TCDF
OCDD = 13C-OCDD

ATTACHMENT 5

1994 STUDY OF SLF 1-6 LEACHATE

SLF 1-6
LEACHATE DATA

ORGANIC CONSTITUENT	AQUEOUS 3/15/94	AQUEOUS 10/5/94	AQUEOUS AVERAGE	LIGHT OIL 3/15/94	LIGHT OIL 12/28/94	LIGHT OIL AVERAGE	HEAVY OIL 3/23/94	HEAVY OIL 10/5/94	HEAVY OIL AVERAGE	OVERALL AVERAGE
Acenaphthene			ND			ND			ND	ND
Acenaphthylene			ND			ND			ND	ND
Acetone	1300000	790000	1045000		340000	340000		390000	390000	969665.28
Anthracene			ND		38000	38000		25000	25000	2878.43
Benzene			ND		86000	86000	590000	460000	525000	60250.49
Benzo (A) Anthracene			ND			ND	41000	5700	23350	2678.66
Benzo (B) Fluoranthene			ND			ND			ND	ND
Benzo (K) Fluoranthene			ND			ND			ND	ND
Benzo (A) Pyrene			ND			ND			ND	ND
Benzoic acid	260000	28000	144000			ND	4800000		4800000	678085.36
Benzyl alcohol	8000	830	4415			ND		76000	76000	12625.84
BHC, Gamma			ND			ND			ND	ND
Bis(2-Chloroethyl)ether			ND			ND			ND	ND
Bis(2-Ethylhexyl)phthalate			ND		730000	730000	2800000	3400000	3100000	355826.15
Bromodichloromethane			ND			ND			ND	ND
Bromoform			ND			ND			ND	ND
2-Butanone (MEK)	760000	720000	740000		980000	980000	1800000	1400000	1600000	838723.41
Butyl Benzyl Phthalate			ND		35000	35000	62000	56000	59000	6778.00
Carbon Disulfide			ND			ND		220000	220000	25237.87
Carbon Tetrachloride			ND		250000	250000	690000	560000	625000	71767.54
4-Chloroaniline			ND			ND			ND	ND
Chlorobenzene	6000		6000		2200000	2200000	5400000	4200000	4800000	556562.07
Chloroform	15000	12000	13500		570000	570000	2300000	1400000	1850000	224332.55
Chloromethane			ND			ND			ND	ND
2-Chlorophenol			ND			ND			ND	ND
4-Chloro-3-Methylphenol			ND			ND			ND	ND
Chrysene			ND			ND			ND	ND
DDT, 2,4-			ND			ND			ND	ND
3,3'-Dichlorobenzidine			ND			ND			ND	ND
Dibenzofuran			ND			ND			ND	ND
1,1-Dichloroethane			ND		88000	88000	360000	240000	300000	34439.58
1,2-Dichloroethane			ND		200000	200000	450000	240000	345000	39632.80
1,1-Dichloroethene			ND			ND		67000	67000	7686.08
1,2-Dichloroethene (Total)			ND			ND	130000	180000	155000	17781.23
1,2-Dichlorobenzene			ND			ND	4600000	3100000	3850000	441662.75
1,3-Dichlorobenzene			ND			ND	150000	96000	123000	14110.26
1,4-Dichlorobenzene			ND			ND	1400000	830000	1115000	127910.12
trans-1,2-Dichloroethene			ND			ND			ND	ND
trans-1,3-Dichloropropene			ND			ND			ND	ND
Diethyl Ether			ND			ND			ND	ND
Diethylphthalate	190		190		90000	90000	45000	110000	77500	9083.62
Dimethylphthalate			ND			ND	46000		46000	5277.01
2,4-Dimethylphenol			ND			ND		150000	150000	17207.64
Di-n-Butylphthalate			ND		340000	340000	300000	380000	340000	39097.88
Di-n-Octyl phthalate			ND			ND			ND	ND
Endosulfan I			ND			ND			ND	ND
Ethylbenzene			ND		1600000	1600000	3700000	3900000	3800000	436368.74
2-Ethylnaphthalene (a)			ND			ND			ND	ND
Fluoranthene			ND			ND		8300	8300	952.16
Fluorene			ND			ND			ND	ND
Hexachlorobenzene			ND			ND	750000	850000	800000	91774.08
Hexachlorobutadiene			ND			ND	680000	260000	470000	53917.27
Hexachloroethane			ND			ND	130000		130000	14913.29
2-Hexanone			ND			ND	260000		260000	29826.58
Isophorone	2400		2400			ND			ND	2124.01
Methanol			ND			ND			ND	ND
Methylene Chloride	380000	400000	390000		5400000	5400000	15000000	13000000	14000000	1952690.09
2-Methylnaphthalene			ND			ND	360000	190000	275000	31547.34
2-Methylphenol		2000	2000			ND		27000	27000	4867.39
4-Methyl-2-pentanone	120000	73000	96500		1700000	1700000	3200000	1700000	2450000	366930.70
4-Methylphenol	13000	3700	8350			ND		160000	160000	25744.62
Naphthalene			ND		1100000	1100000	320000	210000	265000	30703.95
n-Nitrosodiphenylamine			ND			ND			ND	ND
PCB 1016			ND			ND			ND	ND
PCB-1242	220	1600	910		4100000	4100000	61000000	16000000	38500000	4418565.12
PCB-1248			ND			ND			ND	ND
PCB-1254			ND		1400000	1400000			ND	386.64
PCB-1260		140	140			ND		1700000	1700000	195143.82
Pentachlorophenol			ND			ND		29000	29000	3326.81
Phenol	430000	240000	335000		490000	490000	3600000	1400000	2500000	583406.40
Phenanthrene			ND		98000	98000	46000	96000	71000	8172.01
Pyrene			ND			ND		10000	10000	1147.18
1,1,2,2-Tetrachloroethane	30000	22000	26000		6800000	6800000	11000000	11000000	11000000	1286781.67
Tetrachloroethene	3600	3400	3500		4100000	4100000	14000000	15000000	14500000	1667634.96
Toluene	20000	17000	18500		6500000	6500000	20000000	21000000	20500000	2369878.44
1,2,4-Trichlorobenzene	480		480		4800000	4800000	16000000	5900000	10950000	1257908.09
1,1,1-Trichloroethane	28000	20000	24000		6300000	6300000	19000000	25000000	22000000	2546767.13
1,1,2-Trichloroethane	3800		3800		290000	290000	1000000	510000	755000	90054.90
Trichloroethene	51000	47000	49000		12000000	12000000	37000000	41000000	39000000	4520665.59
2,4,5-Trichlorophenol			ND			ND		140000	140000	16060.46
2,4,6-Trichlorophenol			ND			ND		70000	70000	8030.23
Vinyl Chloride			ND			ND		17000	17000	1950.20
Xylenes (Total)	3300	3400	3350		8900000	8900000	20000000	17000000	18500000	2127698.20

All concentrations expressed in ug/l

FLOW BASIS — 1994 Leachate Flow Data

	Gallons	% of Flow
AQUEOUS	205094	0.89
LIGHT OILS	64	0.00
HEAVY OILS	26585	0.11
TOTAL	231743	1.00

ATTACHMENT 6

MAXIMUM DETECTED VALUES FOR SELECT TANKS

History

		1304019-01	304019-01RE1		first week	after first week just trace pcb	SLF7	SLF10	SLF11	SLF12
		04/03/13	04/03/13							
		TK 103	TK 103	T-8009	T-8001	T-8001	T-107	T-109/	T-108	T-150
				3/5/13	4/17/12	4/19		T-110		
Analyte	Units	4/4/2013 6:4	4/4/2013 6:40:00 AM				(max)	(max)	(max)	(max)
Chloromethane	ug/L	<100000	<50000	<1000	<2500		<5000	<5000	<1000	<20
Vinyl chloride	ug/L	<100000	<50000							
Bromomethane	ug/L	<100000	<50000							
Chloroethane	ug/L	<100000	<50000							
Trichlorofluoromethane	ug/L	<100000	<50000							
Diethyl ether	ug/L	<100000	<50000							
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<100000	<50000		3830					
Acetone	ug/L	763000	916000	<1000			✓180000	✓236000	✓32000	362
1,1-Dichloroethene	ug/L	<100000	<50000			<1000 –				
Methylene chloride	ug/L	219000	252000	3680		3450	✓167000	✓24900	~~✓14100~~	
Carbon disulfide	ug/L	<100000	<50000							
trans-1,2-Dichloroethene	ug/L	<100000	<50000							
1,1-Dichloroethane	ug/L	<100000	<50000							
Vinyl acetate	ug/L	<100000	<50000							
2-Butanone	ug/L	449000	563000				✓179000	✓50300	✓14100	
Ethyl acetate	ug/L	<100000	<50000							
Chloroform	ug/L	<100000	<50000	2110						
1,1,1-Trichloroethane	ug/L	<100000	<50000		2890					
Carbon tetrachloride	ug/L	<100000	<50000	7500						
1,2-Dichloroethane-d4	[surr]	109%	110%							
1,2-Dichloroethane	ug/L	<100000	<50000							
Benzene	ug/L	<100000	<50000			1400 –				
Trichloroethene	ug/L	<100000	<50000	6580	9640	6770				
1,2-Dichloropropane	ug/L	<100000	<50000							
Bromodichloromethane	ug/L	<100000	<50000							
2-Chloroethylvinyl ether	ug/L	<100000	<50000							
4-Methyl-2-pentanone	ug/L	<100000	69100					✓11900	✓2580	
cis-1,3-Dichloropropene	ug/L	<100000	<50000							
Toluene-d8	[surr]	102%	102%							
Toluene	ug/L	<100000	<50000				✓5990			
trans-1,3-Dichloropropene	ug/L	<100000	<50000							
1,1,2-Trichloroethane	ug/L	<100000	<50000	1040						

				T-8009	T-8001	T-8201	SUF 7		
4-Bromofluorobenzene	[surr]	102%	101%						
2-Hexanone	ug/L	<100000	<50000						
Tetrachloroethene	ug/L	<100000	<50000						
Dibromochloromethane	ug/L	<100000	<50000						
Chlorobenzene	ug/L	<100000	<50000	2090					
Ethylbenzene	ug/L	<100000	<50000						
Xylenes, total	ug/L	<300000	<150000				√ 17600		
Styrene	ug/L	<100000	<50000						
Bromoform	ug/L	<100000	<50000						
1,1,2,2-Tetrachloroethane	ug/L	<100000	<50000						
1,3-Dichlorobenzene	ug/L	<100000	<50000						
1,4-Dichlorobenzene	ug/L	<100000	<50000						
1,2-Dichlorobenzene	ug/L	<100000	<50000	3030					

ATTACHMENT 7

HISTORICAL SAMPLING RESULTS FOR RMU-1 LEACHATE

		1208078-01	1202062-01	1107076-01	1102051-01	1007059-01	1002080-01	0907120-01	0902088-01	0807173-01	0802071-01	0707061-01	0702073-01	0607077-01
		08/22/12	02/14/12	07/19/11	02/15/11	07/13/10	02/18/10	07/21/09	02/17/09	07/29/08	02/13/08	07/12/07	02/12/07	07/14/06
Analyte	Units	L55	L55	L-55	L-55	L-55	L-55	L-55	L-55	L-55	L-55	L-55	L-55	L-55
1,1,1-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane-d4	[surr]	90.1%	102%	101%	100%	92.0%	103%	101%	90.6%	106%	100%	99.6%	107%	113%
1,2-Dichloropropane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,3-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,4-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Butanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Chloroethylvinyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0 [1]	<50.0 [1]	<50.0
2-Hexanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
4-Bromofluorobenzene	[surr]	90.6%	94.9%	98.8%	93.8%	90.0%	91.8%	96.6%	92.1%	104%	102%	91.5%	99.9%	102%
4-Methyl-2-pentanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acetone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Benzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromodichloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromoform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromomethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon disulfide	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon tetrachloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
cis-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Dibromochloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Diethyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Methylene chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Styrene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Tetrachloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene-d8	[surr]	101%	101%	102%	96.2%	93.1%	97.0%	100%	95.3%	107%	101%	96.5%	109%	104%
trans-1,2-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
trans-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichlorofluoromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Xylenes, total	ug/L	<150	<150	<150	<150	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

		1208078-02	1202062-02	1107076-02	1102051-02	1007059-02	1002080-02	0907120-02	0902088-02	902088-02RE	0807173-02	0802071-02	0707061-02	0702073-02	0607077-02
		08/22/12	02/14/12	07/19/11	02/15/11	07/13/10	02/18/10	07/21/09	02/17/09	02/17/09	07/29/08	02/13/08	07/12/07	02/12/07	07/14/06
Analyte	Units	L56	L56	L-56	L-56	L-56	L-56	L-56	L-56	L-56	L-56	L-56	L-56	L-56	L-56
1,1,1-Trichloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichlorobenzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane-d4	[surr]	93.1%	102%	104%	102%	91.5%	106%	99.6%	90.7%	98.6%	104%	99.7%	97.4%	109%	111%
1,2-Dichloropropane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,3-Dichlorobenzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
1,4-Dichlorobenzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
2-Butanone	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	53.3	<100	<50.0	<50.0	<50.0	<50.0	<50.0
2-Chloroethylvinyl ether	ug/L	<100	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<100	<50.0	<50.0 [1]	<50.0 [1]	<50.0 [1]	<50.0
2-Hexanone	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
4-Bromofluorobenzene	[surr]	95.5%	93.5%	100%	96.1%	91.9%	96.2%	97.0%	90.9%	99.2%	104%	99.8%	91.8%	102%	100%
4-Methyl-2-pentanone	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Acetone	ug/L	849	<50.0	877	<50.0	<50.0	<50.0	<50.0	1170	1070	<50.0	<50.0	<50.0	86.7	126
Benzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Bromodichloromethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Bromoform	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Bromomethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon disulfide	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon tetrachloride	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Chlorobenzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroform	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Chloromethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
cis-1,3-Dichloropropene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Dibromochloromethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Diethyl ether	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Ethyl acetate	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Methylene chloride	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Styrene	ug/L	<100	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<100	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Tetrachloroethene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene-d8	[surr]	106%	98.3%	104%	98.9%	93.8%	101%	98.7%	96.4%	103%	103%	99.3%	94.4%	109%	102%
trans-1,2-Dichloroethene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
trans-1,3-Dichloropropene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Trichloroethene	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Trichlorofluoromethane	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl acetate	ug/L	<100	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	ug/L	<100	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<100	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Xylenes, total	ug/L	<300	<150	<150	<150	<50.0	<50.0	<50.0	<50.0	<100	<50.0	<50.0	<50.0	<50.0	<50.0

		1208078-03	1202062-03	1107076-03	1102051-03	1007059-03	1002080-03	0907120-03	0902088-03	0807173-03	0802071-03	0707061-03	0702073-03	0607077-03
		08/22/12	02/14/12	07/19/11	02/15/11	07/13/10	02/18/10	07/21/09	02/17/09	07/29/08	02/13/08	07/12/07	02/12/07	07/14/06
Analyte	Units	L57	L57	L-57	L-57	L-57	L-57	L-57	L-57	L-57	L-57	L-57	L-57	L-57
1,1,1-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane-d4	[surr]	91.7%	101%	96.2%	99.8%	90.7%	105%	97.6%	93.1%	103%	99.8%	95.7%	105%	113%
1,2-Dichloropropane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,3-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,4-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Butanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Chloroethylvinyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0 [1]	<50.0 [1]	<50.0
2-Hexanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
4-Bromofluorobenzene	[surr]	91.8%	95.2%	93.9%	94.4%	90.0%	94.6%	94.0%	94.8%	102%	102%	91.0%	101%	103%
4-Methyl-2-pentanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acetone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Benzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromodichloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromoform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromomethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon disulfide	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon tetrachloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
cis-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Dibromochloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Diethyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Methylene chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Styrene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Tetrachloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene-d8	[surr]	103%	97.7%	96.4%	97.0%	91.6%	99.8%	96.4%	99.0%	102%	102%	94.2%	107%	106%
trans-1,2-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
trans-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichlorofluoromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Xylenes, total	ug/L	<150	<150	<150	<150	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

		1208078-04	1202062-04	1107076-04	1102051-04	1007059-04	1002080-04	0907120-04	0905095-01	0902088-04	0807173-04	0802071-04	0707061-04	0702073-04	0607077-04
		08/22/12	02/14/12	07/19/11	02/15/11	07/13/10	02/18/10	07/21/09	05/18/09	02/17/09	07/29/08	02/13/08	07/12/07	02/12/07	07/14/06
Analyte	Units	L58	L58	L-58	L-58	L-58	L-58	L-58	L-58	L-58	L-58	L-58	L-58	L-58	L-58
1,1,1-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2,2-Tetrachloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1,2-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,1-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,2-Dichloroethane-d4	[surr]	87.6%	103%	101%	102%	93.1%	106%	96.8%	99.2%	92.3%	106%	100%	95.8%	109%	112%
1,2-Dichloropropane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,3-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
1,4-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Butanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
2-Chloroethylvinyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0 [1]	<50.0 [1]	<50.0
2-Hexanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
4-Bromofluorobenzene	[surr]	88.5%	96.0%	98.6%	97.6%	91.5%	95.5%	92.0%	96.7%	96.2%	105%	100%	89.2%	99.3%	102%
4-Methyl-2-pentanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Acetone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Benzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromodichloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromoform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Bromomethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon disulfide	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Carbon tetrachloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloroform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Chloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
cis-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Dibromochloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Diethyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Ethylbenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Methylene chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Styrene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Tetrachloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Toluene-d8	[surr]	98.8%	102%	101%	100%	94.0%	101%	96.6%	99.1%	101%	105%	99.1%	93.9%	110%	103%
trans-1,2-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
trans-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Trichlorofluoromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0
Vinyl chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0 [1]	<50.0	<50.0	<50.0
Xylenes, total	ug/L	<150	<150	<150	<150	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0

		1208078-05	1202062-05	1107076-05	1102051-05	1007059-05	1002080-05	0907120-05	0902088-05	0807173-05	0802071-05	0707061-05	0702073-05	0607077-05
		08/22/12	02/14/12	07/19/11	02/15/11	07/13/10	02/18/10	07/21/09	02/17/09	07/29/08	02/13/08	07/12/07	02/12/07	07/14/06
Analyte	Units	L59	L59	L-59	L-59	L-59	L-59	L-59	L-59	L-59	L-59	L-59	L-59	L-59
1,1,1-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,1,2,2-Tetrachloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,1,2-Trichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,1-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,1-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,2-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,2-Dichloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,2-Dichloroethane-d4	[surr]	90.8%	106%	103%	103%	92.8%	107%	100%	<100	<100	<100	<200	<50.0	<50.0
1,2-Dichloropropane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100 [1]	<200 [1]	<50.0 [1]	<50.0
1,3-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
1,4-Dichlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
2-Butanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
2-Chloroethylvinyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
2-Hexanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
4-Bromofluorobenzene	[surr]	91.0%	96.2%	97.7%	97.1%	91.2%	95.7%	97.6%	<100	<100	<100	<200	<50.0	<50.0
4-Methyl-2-pentanone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	95.4%	103%	97.3%	95.3%	108%	112%
Acetone	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Benzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Bromodichloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Bromoform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Bromomethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Carbon disulfide	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Carbon tetrachloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Chlorobenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100 [1]	<200	<50.0	<50.0
Chloroethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Chloroform	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Chloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
cis-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Dibromochloromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Diethyl ether	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Ethyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Ethylbenzene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Methylene chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Styrene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Tetrachloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	102%	102%	97.0%	92.8%	109%	102%
Toluene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Toluene-d8	[surr]	101%	103%	104%	100%	94.7%	100%	98.2%	<100	<100	<100	<200	<50.0	<50.0
trans-1,2-Dichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
trans-1,3-Dichloropropene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	97.9%	102%	98.0%	89.5%	100%	100%
Trichloroethene	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Trichlorofluoromethane	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Vinyl acetate	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0
Vinyl chloride	ug/L	<50.0	<50.0	<50.0	<50.0	<50.0 [2]	<50.0	<50.0	<100	<100	<100 [1]	<200	<50.0	<50.0
Xylenes, total	ug/L	<150	<150	<150	<150	<50.0	<50.0	<50.0	<100	<100	<100	<200	<50.0	<50.0

		1302105-01	1211120-01	1208112-01	1205142-01	1202076-01	1112105-01	1111006-01	1102051-06	1012072-01	1007059-06	1005079-01	1002080-06	0912112-01	0907120-06	0905095-02	0902088-06
		02/25/13	11/30/12	08/30/12	05/25/12	02/16/12	12/22/11	11/01/11	02/15/11	12/15/10	07/13/10	05/18/10	02/18/10	12/21/09	07/21/09	05/18/09	02/17/09
Analyte	Units	L60	L60	L60	L60	L60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60
1,1,1-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,1,2,2-Tetrachloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,1,2-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,1-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,1-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,2-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,2-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,2-Dichloroethane-d4	[surr]	104%	107%	98.2%	92.7%	103%	104%	99.6%	102%	110%	92.0%	89.9%	104%	95.8%	97.6%	99.1%	93.1%
1,2-Dichloropropane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,3-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
1,4-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
2-Butanone	ug/L	<200	<200	270	<200	349	242	122	137	152	201	189	212	140	271	385	<100
2-Chloroethylvinyl ether	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100 [4]	<100	<100	<100	<200	<50.0	<100
2-Hexanone	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
4-Bromofluorobenzene	[surr]	101%	100%	93.6%	89.3%	97.0%	93.6%	96.1%	95.0%	102%	92.3%	94.8%	93.2%	98.1%	96.1%	97.0%	94.3%
4-Methyl-2-pentanone	ug/L	<200	<200	<200	<200	105	<100	<100	<100	<100	130	<100	105	<100	<200	175	<100
Acetone	ug/L	<200	318	640	516	924	764	448	593	558	645	619	805	646	1050	1340	338
Benzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Bromodichloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Bromoform	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Bromomethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Carbon disulfide	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Carbon tetrachloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Chlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Chloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Chloroform	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Chloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
cis-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Dibromochloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Diethyl ether	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Ethyl acetate	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Ethylbenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Methylene chloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Styrene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100 [4]	<100	<100	<100	<200	<50.0	<100
Tetrachloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Toluene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Toluene-d8	[surr]	107%	105%	98.7%	94.0%	99.1%	99.6%	101%	98.5%	103%	92.6%	96.4%	100%	99.9%	96.8%	98.1%	98.1%
trans-1,2-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
trans-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Trichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Trichlorofluoromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Vinyl acetate	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200	<50.0	<100
Vinyl chloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<100	<100 [4]	<100	<100	<100	<200	<50.0	<100
Xylenes, total	ug/L	<600	<600	<600	<600	<300	<300	<300	<300	<100	<100	<100	<100	<100	<200	<50.0	<100

		0812030-01	0807173-06	0805043-01	0802071-06	0712071-01	0707061-06	0705127-01	0702073-06	702073-06RE	0612057-01	0607077-06	0605021-01
		12/05/08	07/29/08	05/08/08	02/13/08	12/13/07	07/12/07	05/17/07	02/12/07	02/12/07	12/07/06	07/14/06	05/02/06
Analyte	Units	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60	L-60
1,1,1-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,1,2,2-Tetrachloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,1,2-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,1-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,1-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,2-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,2-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,2-Dichloroethane-d4	[surr]	93.6%	106%	102%	99.1%	106%	98.4%	115%	113%	78.3%	117%	110%	106%
1,2-Dichloropropane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,3-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
1,4-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
2-Butanone	ug/L	<200	205	255	222	<100	<200	<200	482	295	239	124	240
2-Chloroethylvinyl ether	ug/L	<200	<200	<200	<200 [1]	<100 [1]	<200 [1]	<200 [1]	<50.0 [1]	<200 [1]	<100	<50.0	<100
2-Hexanone	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
4-Bromofluorobenzene	[surr]	96.2%	104%	104%	102%	104%	91.6%	99.1%	104%	93.6%	107%	101%	96.7%
4-Methyl-2-pentanone	ug/L	<200	<200	<200	<200	<100	<200	<200	247	<200	<100	60.7	118
Acetone	ug/L	543	954	1270	955	153	728	716	2480 [2]	1320	1190	385	1110
Benzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Bromodichloromethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Bromoform	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Bromomethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Carbon disulfide	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Carbon tetrachloride	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Chlorobenzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Chloroethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Chloroform	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Chloromethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
cis-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Dibromochloromethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Diethyl ether	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Ethyl acetate	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Ethylbenzene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Methylene chloride	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Styrene	ug/L	<200	<200	<200	<200 [1]	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Tetrachloroethene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Toluene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Toluene-d8	[surr]	101%	107%	106%	99.9%	104%	97.0%	95.4%	114%	100%	108%	101%	103%
trans-1,2-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
trans-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Trichloroethene	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Trichlorofluoromethane	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Vinyl acetate	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100
Vinyl chloride	ug/L	<200	<200	<200	<200 [1]	<100	<200	<200	75.1	<200	<100	<50.0	<100
Xylenes, total	ug/L	<200	<200	<200	<200	<100	<200	<200	<50.0	<200	<100	<50.0	<100

		1302105-02	1211120-02	1208078-06	1205142-02	1202062-06	1112105-02	1107076-06	1105128-01	1102051-07	1012072-02	1007059-07	1005079-02	1002080-07	0912057-01	0907120-07	0905095-03	0902088-07	0812030-02
		02/25/13	11/30/12	08/22/12	05/25/12	02/14/12	12/22/11	07/19/11	05/23/11	02/15/11	12/15/10	07/13/10	05/18/10	02/18/10	12/10/09	07/21/09	05/18/09	02/17/09	12/05/08
Analyte	Units	L61	L61	L61	L61	L61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61
1,1,1-Trichloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,1,2,2-Tetrachloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,1,2-Trichloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,1-Dichloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,1-Dichloroethene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,2-Dichlorobenzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,2-Dichloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,2-Dichloroethane-d4	[surr]	101%	111%	90.1%	96.1%	104%	104%	102%	102%	98.8%	106%	90.9%	92.4%	101%	99.5%	99.7%	100%	97.7%	92.1%
1,2-Dichloropropane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,3-Dichlorobenzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
1,4-Dichlorobenzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
2-Butanone	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
2-Chloroethylvinyl ether	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100 [6]	<100	<100	<100	<100	<100	<100	<200
2-Hexanone	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
4-Bromofluorobenzene	[surr]	96.1%	103%	91.1%	89.1%	97.0%	97.1%	99.5%	96.4%	97.5%	99.9%	91.8%	97.2%	92.8%	99.3%	96.0%	97.7%	101%	96.9%
4-Methyl-2-pentanone	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Acetone	ug/L	<200	<200	<500	435	<100	265	<100	<100	234	107	128	613	<100	<100	<100	<100	<100	360
Benzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Bromodichloromethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Bromoform	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Bromomethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Carbon disulfide	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Carbon tetrachloride	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Chlorobenzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Chloroethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Chloroform	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Chloromethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
cis-1,3-Dichloropropene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Dibromochloromethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Diethyl ether	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Ethyl acetate	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Ethylbenzene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Methylene chloride	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Styrene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100 [6]	<100	<100	<100	<100	<100	<100	<200
Tetrachloroethene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Toluene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Toluene-d8	[surr]	102%	107%	102%	95.4%	101%	99.9%	101%	99.3%	97.0%	101%	92.5%	97.6%	97.4%	102%	98.2%	99.9%	102%	101%
trans-1,2-Dichloroethene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
trans-1,3-Dichloropropene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Trichloroethene	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Trichlorofluoromethane	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Vinyl acetate	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<200
Vinyl chloride	ug/L	<200	<200	<500	<200	<100	<100	<100	<100	<100	<100	<100 [6]	<100	<100	<100	<100	<100	<100	<200
Xylenes, total	ug/L	<600	<600	<1500	<600	<300	<300	<300	<300	<300	<100	<100	<100	<100	<100	<100	<100	<100	<200

		0807173-07	0802071-07	0707061-07	0705127-02	0702073-07	702073-07RE	0612057-02	612057-02RE	0607077-07	607077-07RE	0605021-02	605021-02RE	605021-02RE2
		07/29/08	02/13/08	07/12/07	05/17/07	02/12/07	02/12/07	12/07/06	12/07/06	07/14/06	07/14/06	05/02/06	05/02/06	05/02/06
Analyte	Units	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61	L-61
1,1,1-Trichloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,1,2-Trichloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,1-Dichloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,1-Dichloroethene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,2-Dichlorobenzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,2-Dichloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,2-Dichloroethane-d4	[surr]	100%	98.4%	94.9%	116%	111%	79.3%	112%	112%	109%	103%	98.9%	52.0%	96.3%
1,2-Dichloropropane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,3-Dichlorobenzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
1,4-Dichlorobenzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
2-Butanone	ug/L	<500	<500	<1000	<1000	1080 [2]	<1000	213	<200	905	<1000	865	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<500	<500 [1]	<1000 [1]	<1000 [1]	<50.0 [1]	<1000 [1]	<100	<200 [3]	<50.0	<1000	<100	<1000	<1000
2-Hexanone	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
4-Bromofluorobenzene	[surr]	98.5%	98.2%	89.6%	102%	104%	93.2%	103%	102%	97.0%	95.6%	93.4%	48.1%	92.1%
4-Methyl-2-pentanone	ug/L	<500	<500	<1000	<1000	470	<1000	<100	<200	258	<1000	330	<1000	<1000
Acetone	ug/L	7480	909	7100	6150	9050 [2]	6470	2610 [2]	2250	12000 [2]	8280	10400 [2]	8580	8990 [4]
Benzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Bromodichloromethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Bromoform	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Bromomethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Carbon disulfide	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	50.7	<1000	<100	<1000	<1000
Carbon tetrachloride	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Chlorobenzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Chloroethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Chloroform	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Chloromethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Dibromochloromethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Diethyl ether	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Ethyl acetate	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Ethylbenzene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Methylene chloride	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Styrene	ug/L	<500	<500 [1]	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Tetrachloroethene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Toluene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Toluene-d8	[surr]	98.7%	99.5%	92.8%	97.2%	112%	99.8%	103%	105%	100%	95.5%	100%	51.7%	98.5%
trans-1,2-Dichloroethene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Trichloroethene	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Trichlorofluoromethane	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Vinyl acetate	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Vinyl chloride	ug/L	<500	<500 [1]	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000
Xylenes, total	ug/L	<500	<500	<1000	<1000	<50.0	<1000	<100	<200	<50.0	<1000	<100	<1000	<1000

		1302105-03	1211120-03	1208078-07	1205142-03	1202062-07	1112105-03	1107076-07	1105128-02	1102051-08	1012072-03	1007059-08	1005079-03	1002080-08	0912057-02	0907120-08	0905095-04	0902088-08
		02/25/13	11/30/12	08/22/12	05/25/12	02/14/12	12/22/11	07/19/11	05/23/11	02/15/11	12/15/10	07/13/10	05/18/10	02/18/10	12/10/09	07/21/09	05/18/09	02/17/09
Analyte	Units	L62	L62	L62	L62	L62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62
1,1,1-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,1,2,2-Tetrachloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,1,2-Trichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,1-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,1-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,2-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,2-Dichloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,2-Dichloroethane-d4	[surr]	99.8%	113%	92.1%	107%	104%	103%	104%	101%	107%	114%	90.4%	90.2%	107%	100%	94.9%	99.1%	95.1%
1,2-Dichloropropane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,3-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
1,4-Dichlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
2-Butanone	ug/L	<200	<200	<200	<200	<100	<100	125	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
2-Chloroethylvinyl ether	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100 [3]	<100	<100	<100	<100	<100	<100
2-Hexanone	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
4-Bromofluorobenzene	[surr]	96.9%	106%	94.7%	102%	96.8%	94.4%	99.0%	97.7%	100%	102%	91.6%	90.1%	95.2%	98.3%	91.7%	97.0%	97.9%
4-Methyl-2-pentanone	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Acetone	ug/L	400	<200	650	<200	171	263	1490	<100	349	<50.0	103	<100	117	571	616	299	306
Benzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Bromodichloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Bromoform	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100 [3]	<100	<100	<100	<100	<100	<100
Bromomethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Carbon disulfide	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Carbon tetrachloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Chlorobenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Chloroethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Chloroform	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Chloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
cis-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Dibromochloromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Diethyl ether	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Ethyl acetate	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Ethylbenzene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Methylene chloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Styrene	ug/L	<600	<600	<600	<600	<300	<300	<300	<300	<150	<50.0	<100	<100	<100	<100	<100	<100	<100
Tetrachloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Toluene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Toluene-d8	[surr]	103%	111%	105%	107%	103%	99.9%	103%	99.6%	100%	102%	94.0%	94.4%	101%	102%	94.7%	98.2%	100%
trans-1,2-Dichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
trans-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Trichloroethene	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Trichlorofluoromethane	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Vinyl acetate	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100
Vinyl chloride	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100 [3]	<100	<100	<100	<100	<100	<100
Xylenes, total	ug/L	<200	<200	<200	<200	<100	<100	<100	<100	<50.0	<50.0	<100	<100	<100	<100	<100	<100	<100

		0812030-03	0807173-08	807173-08RE	0805043-02	0802071-08	0712071-02	0707061-08	0705127-03	0702073-08	0612057-03	0607077-08	0605021-03
		12/05/08	07/29/08	07/29/08	05/08/08	02/13/08	12/13/07	07/12/07	05/17/07	02/12/07	12/07/06	07/14/06	05/02/06
Analyte	Units	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62	L-62
1,1,1-Trichloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,1,2,2-Tetrachloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,1,2-Trichloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,1-Dichloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,1-Dichloroethene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,2-Dichlorobenzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,2-Dichloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,2-Dichloroethane-d4	[surr]	94.4%	106%	109%	98.8%	105%	108%	91.6%	118%	109%	115%	112%	99.2%
1,2-Dichloropropane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,3-Dichlorobenzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
1,4-Dichlorobenzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
2-Butanone	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
2-Chloroethylvinyl ether	ug/L	<100	<100	<200	<100 [1]	<100 [1]	<200 [1]	<200 [1]	<50.0 [1]	<50.0 [1]	<100	<50.0	<100
2-Hexanone	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
4-Bromofluorobenzene	[surr]	97.8%	106%	107%	103%	103%	106%	85.4%	99.1%	101%	105%	106%	92.7%
4-Methyl-2-pentanone	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Acetone	ug/L	1990	2230	2690	686	229	340	1980	194	<50.0	<100	120	<100
Benzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Bromodichloromethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Bromoform	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Bromomethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Carbon disulfide	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Carbon tetrachloride	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Chlorobenzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Chloroethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Chloroform	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Chloromethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
cis-1,3-Dichloropropene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Dibromochloromethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Diethyl ether	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Ethyl acetate	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Ethylbenzene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Methylene chloride	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Styrene	ug/L	<100	<100	<200	<100 [1]	<100 [1]	<200	<200	<50.0	<50.0	<100	<50.0	<100
Tetrachloroethene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Toluene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Toluene-d8	[surr]	102%	106%	106%	103%	106%	106%	89.3%	95.8%	111%	105%	103%	99.1%
trans-1,2-Dichloroethene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
trans-1,3-Dichloropropene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Trichloroethene	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Trichlorofluoromethane	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Vinyl acetate	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100
Vinyl chloride	ug/L	<100	<100	<200	<100 [1]	<100 [1]	<200	<200	<50.0	<50.0	<100	<50.0	<100
Xylenes, total	ug/L	<100	<100	<200	<100	<100	<200	<200	<50.0	<50.0	<100	<50.0	<100

		1302105-04	1211120-04	1208078-08	1205142-04	1202062-08	1112105-04	1107076-08	1105128-03	1102051-09	1012072-04	1007059-09	1005079-04	1002080-09	0912057-03	0907120-09	0905095-05
		02/25/13	11/30/12	08/22/12	05/25/12	02/14/12	12/22/11	07/19/11	05/23/11	02/15/11	12/15/10	07/13/10	05/18/10	02/18/10	12/10/09	07/21/09	05/18/09
Analyte	Units	L63	L63	L63	L63	L63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63
1,1,1-Trichloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,1,2,2-Tetrachloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,1,2-Trichloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,1-Dichloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,1-Dichloroethene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,2-Dichlorobenzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,2-Dichloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,2-Dichloroethane-d4	[surr]	104%	108%	91.1%	97.2%	96.2%	99.3%	99.8%	103%	102%	113%	87.9%	89.6%	104%	100%	99.4%	99.0%
1,2-Dichloropropane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,3-Dichlorobenzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
1,4-Dichlorobenzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
2-Butanone	ug/L	305	302	239	<200	<200	331	293	<100	266	216	399	472	699	420	673	877
2-Chloroethylvinyl ether	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200 [5]	<200	<200	<200	<500	<100
2-Hexanone	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
4-Bromofluorobenzene	[surr]	99.6%	102%	92.4%	94.0%	90.2%	93.3%	97.7%	97.7%	96.9%	104%	87.5%	93.9%	94.5%	98.1%	97.9%	95.5%
4-Methyl-2-pentanone	ug/L	<200	<200	<200	<200	<200	180	<200	<100	<200	<200	255	296	328	<200	<500	446
Acetone	ug/L	860	1260	1040	735	511	1300	889	164	985	846	1180	1330	2520	1210	2090	2880
Benzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Bromodichloromethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Bromoform	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Bromomethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Carbon disulfide	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Carbon tetrachloride	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Chlorobenzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Chloroethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Chloroform	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Chloromethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
cis-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Dibromochloromethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Diethyl ether	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Ethyl acetate	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Ethylbenzene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Methylene chloride	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Styrene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200 [5]	<200	<200	<200	<500	<100
Tetrachloroethene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Toluene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Toluene-d8	[surr]	106%	105%	104%	98.7%	96.9%	98.4%	100%	101%	98.0%	106%	89.3%	96.1%	99.7%	103%	98.8%	97.9%
trans-1,2-Dichloroethene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
trans-1,3-Dichloropropene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Trichloroethene	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Trichlorofluoromethane	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Vinyl acetate	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200	<200	<200	<200	<500	<100
Vinyl chloride	ug/L	<200	<200	<200	<200	<200	<100	<200	<100	<200	<200	<200 [5]	<200	<200	<200	<500	<100
Xylenes, total	ug/L	<600	<600	<600	<600	<600	<300	<600	<300	<600	<200	<200	<200	<200	<200	<500	<100

		0902088-09	0812030-04	0807173-09	0805043-03	0802071-09	0712071-03	0707061-09	0705127-04	0702073-09	0612057-04	0610203-01	0607077-09	0605021-04
		02/17/09	12/05/08	07/29/08	05/08/08	02/13/08	12/13/07	07/12/07	05/17/07	02/12/07	12/07/06	10/20/06	07/14/06	05/02/06
Analyte	Units	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63	L-63
1,1,1-Trichloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,1,2,2-Tetrachloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,1,2-Trichloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,1-Dichloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	11.8	<50.0	<100
1,1-Dichloroethene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,2-Dichlorobenzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,2-Dichloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,2-Dichloroethane-d4	[surr]	94.4%	93.8%	103%	103%	99.1%	104%	91.9%	117%	111%	116%	207%	109%	98.5%
1,2-Dichloropropane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,3-Dichlorobenzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
1,4-Dichlorobenzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
2-Butanone	ug/L	<100	127	<100	111	<100	<100	<100	121	146	<100	502	55.0	<100
2-Chloroethylvinyl ether	ug/L	<100	<100	<100	<100	<100 [1]	<100 [1]	<100 [1]	<50.0	<50.0 [1]	<100	<10.0	<50.0	<100
2-Hexanone	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
4-Bromofluorobenzene	[surr]	95.5%	97.3%	103%	104%	102%	101%	86.8%	100%	103%	105%	194%	98.5%	92.6%
4-Methyl-2-pentanone	ug/L	<100	<100	<100	<100	<100	<100	<100	60.7	92.4	<100	232	<50.0	<100
Acetone	ug/L	945	852	312	507	350	280	256	637	903	634	2240	287	<100
Benzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Bromodichloromethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Bromoform	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Bromomethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Carbon disulfide	ug/L	<100	<100	<100	<100	281	223	<100	121	495	<100	1090	76.4	<100
Carbon tetrachloride	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Chlorobenzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Chloroethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Chloroform	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Chloromethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
cis-1,3-Dichloropropene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Dibromochloromethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Diethyl ether	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Ethyl acetate	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Ethylbenzene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Methylene chloride	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Styrene	ug/L	<100	<100	<100	<100	<100 [1]	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Tetrachloroethene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Toluene	ug/L	629	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	22.9	<50.0	<100
Toluene-d8	[surr]	99.0%	102%	102%	105%	101%	101%	88.8%	95.5%	112%	106%	204%	100%	101%
trans-1,2-Dichloroethene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
trans-1,3-Dichloropropene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Trichloroethene	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Trichlorofluoromethane	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Vinyl acetate	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100
Vinyl chloride	ug/L	<100	<100	<100	<100	<100 [1]	<100	<100	55.8	<50.0	<100	142	<50.0	<100
Xylenes, total	ug/L	<100	<100	<100	<100	<100	<100	<100	<50.0	<50.0	<100	<10.0	<50.0	<100

		1302105-05	1211120-05	1208078-09	1205142-05	1202076-02	1112081-01	1107076-09	1105128-04	1102051-10	1012072-05	1007059-10	1005079-05	1002080-10	0912057-04	0907120-10	0905095-06	0902088-10	0807173-10
		02/25/13	11/30/12	08/22/12	05/25/12	02/16/12	12/19/11	07/19/11	05/23/11	02/15/11	12/15/10	07/13/10	05/18/10	02/18/10	12/10/09	07/21/09	05/18/09	02/17/09	07/29/08
Analyte	Units	L64	L64	L64	L64	L64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64
1,1,1-Trichloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,1,2,2-Tetrachloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,1,2-Trichloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,1-Dichloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,1-Dichloroethene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,2-Dichlorobenzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,2-Dichloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,2-Dichloroethane-d4	[surr]	103%	108%	92.7%	93.7%	105%	96.5%	98.6%	102%	102%	113%	89.8%	90.7%	105%	95.8%	100%	102%	95.2%	102%
1,2-Dichloropropane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,3-Dichlorobenzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
1,4-Dichlorobenzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
2-Butanone	ug/L	<10000	<10000	<10000	<5000	4880	<1000	<2500	<1000	<1000	<2500	<1000	<1000	668	<500	<1000	822	<200	<500
2-Chloroethylvinyl ether	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000 [5]	<1000	<500	<500	<1000	<100	<200	<500
2-Hexanone	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
4-Bromofluorobenzene	[surr]	99.7%	105%	94.4%	89.8%	98.5%	94.2%	98.2%	97.3%	95.8%	103%	91.0%	93.5%	94.4%	94.5%	97.6%	98.8%	96.5%	100%
4-Methyl-2-pentanone	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	344	<200	<500
Acetone	ug/L	27700	98600	114000	51600	56800	12700	19900	12100	13800	45800	24300	10100	16400	1570	11800	7500 [4]	560	20200 [2]
Benzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Bromodichloromethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Bromoform	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Bromomethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Carbon disulfide	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Carbon tetrachloride	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Chlorobenzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Chloroethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Chloroform	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Chloromethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
cis-1,3-Dichloropropene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Dibromochloromethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Diethyl ether	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Ethyl acetate	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Ethylbenzene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Methylene chloride	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Styrene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000 [5]	<1000	<500	<500	<1000	<100	<200	<500
Tetrachloroethene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Toluene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	1120	<2500	<1000	<1000	<500	<500	<1000	216	<200	638
Toluene-d8	[surr]	103%	107%	105%	94.4%	101%	100%	99.8%	99.9%	96.8%	105%	92.3%	94.5%	100%	97.6%	99.1%	99.9%	101%	101%
trans-1,2-Dichloroethene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
trans-1,3-Dichloropropene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Trichloroethene	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Trichlorofluoromethane	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Vinyl acetate	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500
Vinyl chloride	ug/L	<10000	<10000	<10000	<5000	<2500	<1000	<2500	<1000	<1000	<2500	<1000 [5]	<1000	<500	<500	<1000	<100	<200	<500
Xylenes, total	ug/L	<30000	<30000	<30000	<15000	<7500	<3000	<7500	<3000	<3000	<2500	<1000	<1000	<500	<500	<1000	<100	<200	<500

		807173-10RE	0805043-04	805043-04RE	0802071-10	0712071-04	0707061-10	0705127-05	0702073-10	702073-10RE	0612057-05	0607077-10	607077-10RE	0605021-05	605021-05RE	605021-05RE2
		07/29/08	05/08/08	05/08/08	02/13/08	12/13/07	07/12/07	05/17/07	02/12/07	02/12/07	12/07/06	07/14/06	07/14/06	05/02/06	05/02/06	05/02/06
Analyte	Units	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64	L-64
1,1,1-Trichloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,1,2-Trichloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,1-Dichloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,1-Dichloroethene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,2-Dichlorobenzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,2-Dichloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,2-Dichloroethane-d4	[surr]	104%	101%	98.7%	97.3%	103%	96.1%	117%	107%	73.7%	115%	106%	104%	100%	52.3%	94.6%
1,2-Dichloropropane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,3-Dichlorobenzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
1,4-Dichlorobenzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
2-Butanone	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	58.0	<1000	<100	452	<2500	342	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<2500	<500	<2500	<1000 [1]	<2500 [1]	<2500 [1]	<1000 [1]	<50.0 [1]	<1000 [1]	<100	<50.0	<2500	<100	<1000	<1000
2-Hexanone	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
4-Bromofluorobenzene	[surr]	104%	104%	103%	96.4%	103%	87.9%	100%	99.7%	89.2%	104%	95.8%	94.5%	95.0%	48.1%	92.6%
4-Methyl-2-pentanone	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	102	<2500	109	<1000	<1000
Acetone	ug/L	6630 [4]	17000 [2]	8670 [4]	1000	8780	34300	2480	14500 [2]	10300	1520	20900 [2]	13300	16500 [2]	12700	12600 [3]
Benzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Bromodichloromethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Bromoform	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Bromomethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Carbon disulfide	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Carbon tetrachloride	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Chlorobenzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Chloroethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Chloroform	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Chloromethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Dibromochloromethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Diethyl ether	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Ethyl acetate	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Ethylbenzene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Methylene chloride	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Styrene	ug/L	<2500	<500	<2500	<1000 [1]	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Tetrachloroethene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Toluene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	2050 [2]	1790	1130	543	<2500	871	<1000	<1000
Toluene-d8	[surr]	104%	104%	102%	98.0%	101%	91.1%	95.3%	109%	93.6%	104%	97.5%	94.8%	102%	51.1%	99.2%
trans-1,2-Dichloroethene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Trichloroethene	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Trichlorofluoromethane	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Vinyl acetate	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000
Vinyl chloride	ug/L	<2500	<500	<2500	<1000 [1]	<2500	<2500	<1000	84.5	<1000	<100	<50.0	<2500	<100	<1000	<1000
Xylenes, total	ug/L	<2500	<500	<2500	<1000	<2500	<2500	<1000	<50.0	<1000	<100	<50.0	<2500	<100	<1000	<1000

		1304080-06	1304062-06	1304052-06	1304045-06	1304041-06	1304036-06	1304035-03	1304014-06	1304011-06	1304010-03	1303119-06	1303105-06	1303098-06	1303097-03	1303061-06	1303055-06	1303052-06	1303051-01	1303019-06	1303011-06	1303010-06	1303009-06	1302122-06	1302114-06
		04/17/13	04/13/13	04/12/13	04/11/13	04/10/13	04/09/13	04/08/13	04/03/13	04/02/13	04/01/13	03/26/13	03/22/13	03/21/13	03/20/13	03/14/13	03/13/13	03/12/13	03/11/13	03/05/13	03/04/13	03/03/13	03/02/13	02/28/13	02/27/13
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	4/17/2013 7:0	4/15/2013 6:2	4/12/2013 6:4	4/11/2013 7:0	4/10/2013 6:3	4/9/2013 6:55	4/9/2013 6:55	4/3/2013 6:45	4/2/2013 6:44	4/2/2013 6:48	3/26/2013 6:1	3/22/2013 6:3	3/21/2013 7:0	3/21/2013 7:0	3/14/2013 6:3	3/13/2013 6:1	3/12/2013 6:4	3/12/2013 6:4	3/5/2013 6:3	3/4/2013 6:40	3/4/2013 6:40	3/4/2013 6:40	2/28/2013 6:3	2/27/2013 6:3
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Acetone	ug/L	2570	2510	2850	4720	6000	5810	6200	<2500	36500	37400	4590	4910	5480	5480	3300	3490	3390	3980	3140	3150	2870	3140	16100	11300
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Butanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1140	<1000	<1000	<1000	<1000	6420	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloroethane-d4	[surr]	107%	109%	106%	107%	106%	105%	107%	109%	109%	106%	104%	103%	104%	105%	104%	102%	103%	104%	109%	107%	111%	111%	102%	110%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1290	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Toluene-d8	[surr]	104%	108%	106%	104%	105%	105%	107%	102%	103%	101%	103%	103%	104%	105%	105%	102%	104%	104%	106%	106%	104%	106%	100%	107%
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Bromofluorobenzene	[surr]	96.7%	99.8%	100%	100%	100%	103%	107%	99.4%	102%	98.9%	99.4%	101%	101%	103%	101%	99.6%	100%	100%	99.2%	101%	97.3%	99.7%	99.3%	104%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<7500	<7500	<7500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

		1302113-03	1302083-06	1302076-06	1302065-06	1302059-06	1302049-06	1302041-06	1302040-03	1302019-06	1302016-06	1302001-06	1301138-06	1301126-06	1301122-06	1301094-06	1301083-06	1301082-06	1301073-01	1301061-06	1301053-06	1301047-03	1301018-06	1301005-01	1301001-06
		02/26/13	02/20/13	02/19/13	02/15/13	02/14/13	02/13/13	02/12/13	02/11/13	02/06/13	02/05/13	02/01/13	01/31/13	01/30/13	01/29/13	01/23/13	01/21/13	01/20/13	01/18/13	01/16/13	01/15/13	01/14/13	01/07/13	01/02/13	01/01/13
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	2/26/2013 1:1	2/20/2013 6:2	2/19/2013 6:2	2/15/2013 6:4	2/14/2013 6:3	2/13/2013 6:3	2/12/2013 6:3	2/12/2013 6:2	2/6/2013 6:39	2/5/2013 6:48	2/1/2013 7:0	1/31/2013 6:3	1/30/2013 6:4	1/29/2013 6:2	1/23/2013 7:0	1/21/2013 6:4	1/21/2013 6:4	1/18/2013 8:3	1/16/2013 6:4	1/15/2013 6:3	1/14/2013 10	1/7/2013 6:36	1/2/2013 9:56	1/2/2013 6:25
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Acetone	ug/L	3380	5190	14800	3930	3420	4090	<2500	<2500	3990	3430	2900	2900	3920	5460	3620	3750	3540	3040	2690	3280	6230	6230	5410	5590
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Butanone	ug/L	<1000	<1000	1410	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloroethane-d4	[surr]	94.2%	107%	111%	107%	104%	112%	111%	111%	107%	102%	106%	107%	110%	106%	106%	107%	106%	108%	109%	107%	95.2%	103%	102%	105%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Toluene-d8	[surr]	99.3%	102%	106%	103%	102%	107%	106%	107%	104%	101%	100%	104%	106%	102%	105%	104%	100%	104%	104%	105%	96.0%	103%	99.6%	103%
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Bromofluorobenzene	[surr]	96.7%	92.2%	97.2%	94.9%	96.5%	100%	100%	98.4%	96.9%	93.2%	95.3%	97.6%	99.8%	95.9%	95.6%	96.0%	92.9%	95.9%	95.5%	96.2%	92.6%	97.3%	95.2%	98.1%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<7500	<7500	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

		1212128-03	1212109-03	1212107-06	1212106-03	1212097-06	1212085-06	1212079-03	1212073-03	1212046-03	1212040-06	1212033-06	1212015-06	1212012-03	1211117-03	1211084-06	1211039-06	1211038-06	1211037-06	1211033-06	1211015-06	1211014-06	1211009-06	1211004-06	1210148-06
		12/31/12	12/26/12	12/25/12	12/24/12	12/21/12	12/19/12	12/18/12	12/17/12	12/12/12	12/11/12	12/10/12	12/05/12	12/04/12	11/29/12	11/21/12	11/12/12	11/11/12	11/10/12	11/09/12	11/05/12	11/04/12	11/02/12	11/01/12	10/31/12
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	12/31/2012 1	12/26/2012 1	12/26/2012 8	12/24/2012 1	12/21/2012 6	12/19/2012 6	12/18/2012 1	12/17/2012 1	12/12/2012 1	12/11/2012 6	12/10/2012 6	12/5/2012 6:5	12/4/2012 11	11/30/2012 6	11/21/2012 6	11/12/2012 6	11/12/2012 6	11/12/2012 6	11/9/2012 6:2	11/5/2012 6:3	11/5/2012 6:3	11/2/2012 8:4	11/1/2012 10	10/31/2012 6
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Acetone	ug/L	5620	4270	3900	3710	5040	4810	6160	5680	5660	5270	5770	5460	5830	7480	5440	4350	3610	4220	3290	1890	1760	1080	<1000	<1000
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
2-Butanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloroethane-d4	[surr]	105%	109%	109%	108%	113%	105%	107%	91.5%	99.7%	101%	103%	99.3%	102%	114%	109%	105%	107%	105%	100%	106%	106%	100%	92.2%	90.6%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Toluene-d8	[surr]	102%	105%	107%	106%	109%	104%	110%	90.7%	95.5%	95.0%	96.9%	94.5%	96.7%	108%	105%	104%	106%	104%	100%	108%	106%	102%	94.3%	93.9%
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
4-Bromofluorobenzene	[surr]	98.9%	101%	105%	101%	105%	102%	105%	83.1% [2]	87.4%	89.5%	91.0%	90.9%	94.4%	105%	101%	99.1%	100%	98.9%	95.4%	102%	99.3%	96.9%	89.8%	88.9%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<1500	<1500	<1500	<3000	<3000	<3000	<3000	<3000	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<500	<500	<500	<1000	<1000	<1000	<1000	<1000	<1000

		1210142-06	1210132-06	1210131-06	1210130-06	1210126-06	1210120-06	1210113-06	1210109-06	1210094-03	1210079-06	1210074-03	1210067-06	1210062-06	1210059-03	1210015-06	1210005-03	1209126-06	1209123-06	1209124-03	1209094-06	1209087-03	1209081-06	1209077-06	1209071-06
		10/30/12	10/29/12	10/28/12	10/27/12	10/26/12	10/25/12	10/24/12	10/23/12	10/19/12	10/16/12	10/15/12	10/12/12	10/11/12	10/10/12	10/02/12	10/01/12	09/28/12	09/27/12	09/26/12	09/20/12	09/18/12	09/16/12	09/15/12	09/14/12
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	10/30/2012 6	10/29/2012 6	10/29/2012 6	10/29/2012 6	10/26/2012 6	10/25/2012 6	10/24/2012 6	10/23/2012 6	10/19/2012 1	10/16/2012 6	10/15/2012 1	10/12/2012 8	10/11/2012 6	10/10/2012 1	10/2/2012 7:(	10/1/2012 11	9/28/2012 7:(	9/27/2012 10	9/27/2012 11	9/20/2012 8:3	9/18/2012 1:3	9/17/2012 9:4	9/17/2012 9:3	9/14/2012 7:(
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Acetone	ug/L	<1000	<1000	1740	<1000	3340	3390	4510	6350	8610	6330	11800	4420	1670	<1000	7030	7450	3710	4670	4280	6660	6250	4800	4090	<1000
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
2-Butanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1810	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,2-Dichloroethane-d4	[surr]	94.4%	94.5%	96.0%	94.8%	94.3%	89.7%	92.8%	94.7%	109%	115%	120% [1]	114%	108%	108%	101%	113%	105%	104%	108%	100%	102%	96.8%	101%	90.2%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Toluene-d8	[surr]	97.4%	94.2%	97.4%	94.8%	94.4%	91.7%	95.3%	93.7%	104%	99.7%	108%	100%	95.6%	98.0%	93.1%	102%	98.5%	98.3%	101%	97.3%	99.4%	94.7%	102%	95.7%
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
4-Bromofluorobenzene	[surr]	92.4%	89.3%	92.6%	91.9%	90.7%	89.5%	94.4%	92.3%	102%	98.4%	105%	98.7%	95.6%	95.2%	91.6%	101%	97.8%	95.1%	99.7%	95.7%	99.1%	93.6%	100%	93.0%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<7500	<7500	<7500	<3000	<3000	<3000	<3000	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<2500	<1000	<1000	<1000	<1000	<1000

		1209063-06	1209052-06	1209044-06	1209035-06	1209034-06	1209033-06	1209032-03	1209013-06	1209012-03	1208113-06	1208108-06	1208104-06	1208097-06	1208075-06	1208074-03	1208053-06	1208040-06	1208030-03	1208016-06	1208014-03	1207108-03	1207102-06	1207100-06	1207098-03
		09/13/12	09/12/12	09/11/12	09/10/12	09/09/12	09/08/12	09/07/12	09/05/12	09/04/12	08/31/12	08/30/12	08/29/12	08/28/12	08/22/12	08/21/12	08/15/12	08/10/12	08/09/12	08/07/12	08/06/12	07/30/12	07/27/12	07/26/12	07/25/12
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	9/13/2012 7:0	9/12/2012 7:0	9/11/2012 8:2	9/10/2012 7:0	9/10/2012 7:0	9/10/2012 7:0	9/10/2012 7:0	9/5/2012 7:0	9/5/2012 7:0	8/31/2012 7:0	8/30/2012 8:2	8/29/2012 7:0	8/28/2012 7:0	8/22/2012 7:0	8/22/2012 7:0	8/15/2012 7:0	8/10/2012 7:0	8/9/2012 11:2	8/7/2012 7:0	8/6/2012 9:1	7/30/2012 10	7/27/2012 8:3	7/26/2012 11	7/26/2012 9:3
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Acetone	ug/L	1350	1640	3080	2680	6280	3960	4660	9000	8200	1920	2350	2060	7150	4130	4530	4860	2110	3470	4250	9780	7210	4640	4930	13400
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
2-Butanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,2-Dichloroethane-d4	[surr]	86.0%	95.7%	93.3%	101%	89.7%	102%	102%	101%	101%	99.1%	96.4%	98.3%	97.8%	91.6%	93.2%	104%	98.2%	104%	103%	109%	89.6%	102%	102%	101%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Toluene-d8	[surr]	94.6%	97.4%	97.8%	97.1%	94.7%	95.9%	96.8%	96.6%	97.4%	96.9%	94.1%	97.3%	95.8%	104%	105%	104%	101%	101%	99.7%	104%	101%	102%	100%	83.2% [1]
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
4-Bromofluorobenzene	[surr]	93.0%	95.2%	95.0%	95.1%	93.8%	94.9%	95.5%	95.0%	95.4%	95.2%	91.9%	94.7%	93.0%	93.7%	95.7%	97.6%	94.7%	97.3%	94.0%	101%	99.0%	97.9%	96.4%	87.9%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<7500	<7500	<3000	<3000	<7500	<3000	<3000	<3000	<3000	<7500	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<2500	<2500	<1000	<1000	<2500	<1000	<1000	<1000	<1000	<2500	<1000

		1207071-06	1207067-06	1207063-03	1207045-06	1207035-06	1207034-01	1207009-06	1206099-06	1206098-03	1206077-06	1206076-03	1206061-06	1206056-06	1206055-03	1206017-06	1206013-06	1206009-03	1206005-04	1205167-03	1205160-06	1205117-06	1205097-06	1205084-06	1205074-06
		07/19/12	07/18/12	07/17/12	07/12/12	07/11/12	07/10/12	07/03/12	06/26/12	06/25/12	06/19/12	06/18/12	06/14/12	06/13/12	06/12/12	06/06/12	06/05/12	06/04/12	06/03/12	05/31/12	05/30/12	05/22/12	05/17/12	05/15/12	05/14/12
		T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102	T-102
Analyte	Units	7/19/2012 7:(	7/18/2012 7:(	7/17/2012 10	7/12/2012 7:(	7/11/2012 7:(	7/11/2012 7:(	7/3/2012 7:44	6/26/2012 7:(	6/25/2012 1:1	6/19/2012 7:(	6/19/2012 7:(	6/14/2012 9:1	6/13/2012 7:(	6/13/2012 7:(	6/6/2012 7:0(	6/5/2012 7:15	6/4/2012 11:1	6/4/2012 7:0(	5/31/2012 1(	5/30/2012 7:(	5/22/2012 7:(	5/17/2012 8:(	5/15/2012 7:(	5/14/2012 7:(
Chloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl chloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromomethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichlorofluoromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Diethyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Acetone	ug/L	11100	8240	9150	5900	5330	9290	8290	11000	13900	7820	7900	4690	5910	6700	3250	5130	5410	7380	7880	7500	7400	4040	2590	2720
1,1-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Methylene chloride	ug/L	<1000	<1000	<1000	<1000	<1000	1780	<1000	<1000	1640	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon disulfide	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,2-Dichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Vinyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Butanone	ug/L	<1000	<1000	<1000	<1000	<1000	1910	<1000	<1000	2370	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Ethyl acetate	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chloroform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,1-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Carbon tetrachloride	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloroethane-d4	[surr]	109%	98.5%	96.3%	91.5%	90.3%	92.0%	98.6%	105%	110%	104%	102%	89.9%	95.4%	95.4%	104%	104%	103%	104%	99.6%	100%	98.6%	89.0%	89.5%	86.9%
1,2-Dichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Benzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Trichloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichloropropane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromodichloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
2-Chloroethylvinyl ether	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Methyl-2-pentanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
cis-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Toluene-d8	[surr]	98.5%	92.9%	90.5%	92.2%	92.6%	92.5%	96.5%	95.6%	101%	97.7%	97.4%	90.0%	96.0%	95.5%	104%	103%	103%	104%	97.6%	101%	95.9%	97.4%	95.6%	94.1%
Toluene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
trans-1,3-Dichloropropene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2-Trichloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
4-Bromofluorobenzene	[surr]	97.8%	91.6%	90.5%	91.3%	92.4%	91.9%	94.4%	96.9%	102%	97.9%	97.6%	88.6%	93.0%	93.6%	102%	100%	100%	102%	94.9%	97.0%	94.1%	94.6%	91.5%	93.9%
2-Hexanone	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Tetrachloroethene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Dibromochloromethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Chlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Ethylbenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Xylenes, total	ug/L	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000	<3000
Styrene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
Bromoform	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,1,2,2-Tetrachloroethane	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,3-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,4-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1,2-Dichlorobenzene	ug/L	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

Leachate Analytical Data - T-160
AWTS & FacPond Evaluation

CWM Chemical Services, LLC
Model City, NY

May 2012 - rev. 1

RMU-1, SLF-12 tank sampl 120202028 T160 AES 0 120210022 120215024 120216018CMW.xls, T160 021512.xlsx 120215035 120215034 Old Landfill Old Landfill Leachates_111116033

SLF 12 standpipe SLF 12 lift station

Parameter	Units	Analytical Method	RMU-1 T-160 1/31/2012	RMU-1 T-160 2/1/2012	RMU-1 T-160 2/7/2012	RMU-1 T-160 2/9/2012	RMU-1 T-160 2/14/2012	RMU-1 T-160 2/15/2012	RMU-1 8/22/12	L-54 2/14/2012	T-150 2/14/2012	T-150 2/14/2012	T-150 7/23/2012	Combined T-102 11/15/2011
Samples Collected						***6***				***1***	***1***			***1***
Samples Required						***6***				***3***	***3***			***24***
Conventional/General Water Quality														
Total Organic Carbon	mg/L	SM 5310C		167	263	262	277	290		257	49.5		66.6	315
Total Suspended Solids	mg/L	SM 2540D		86.7	55	96	133	65		72.0	10		44	16.5
Total Dissolved Solids	mg/L	SM 2540C		11900	17700	18600	22000	21300		27200.00	1430		4090	18000
Total Petroleum Hydrocarbon	mg/L	E1664		25.6	40	47.9	64.9	57.9		12.5	13.4		<1	16.8
Liquid Volume Processed	gpd	----	28393	80254	6480	26374								
Sulfide	mg/L		<0.200	<0.200	<1.00	<1.00	<0.200	<0.200		125	<0.200	<0.200		
Metals														
Phenolic, Total	mg/L	420.4, 420.1		2.55	5.1	6.5	6.5			0.800	0.108		0.031	6.79
Volatile Organic Compounds - Purgeables (10)														
Chloromethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Vinyl Chloride	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Bromomethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Chloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Trichlorofluoromethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Diethyl ether	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,1,2-Trichloro-1,2,2-trifluoroe	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Acetone	µg/L	8260C	4200	4440	7160	7380	8260	9040		<50.0	60.1	362		
1,1-Dichloroethene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Methylene chloride	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	2280		
Carbon disulfide	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
trans-1,2-Dichlorethene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,1-Dichloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Vinyl acetate	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
2-Butanone	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Ethyl acetate	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Chloroform	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,1,1-Trichloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Carbon tetrachloride	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,2-Dichloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Benzene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Trichloroethene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,2-Dichlropropane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Bromodichloromethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
2-Chloroethylvinyl ether	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
4-Methyl-2-pentanone	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
cis-1,3-Dichloropropene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Toluene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
trans-1,3-Dichloropropene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,1,2-Trichloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
2-Hexanone	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Tetrachloroethene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Dibromochloromethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Chlorobenzene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Ethylbenezene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Xylenes, total	µg/L	8260C	<3000	<3000	<3000	<3000	<3000	<3000		<150	<60.0	<150		
Styrene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Bromoform	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,1,2,2-Tetrachloroethane	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,3-Dichlorobenzene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,4-Dichlorobenzene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
1,2-Dichlorobenzene	µg/L	8260C	<1000	<1000	<1000	<1000	<1000	<1000		<50.0	<20.0	<50.0		
Semi-Volatile Organic Compounds - Base Acid/Neutrals														
1,2,4-Trichlorobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
1,2-Dichlorobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
1,3-Dichlorobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
1,4-Dichlorobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2,4,5-Trichlorophenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2,4,6-Trichlorophenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2,4-Dichlorophenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2,4-Dimethylphenol	µg/L	625		71	140	110	120	110		<50	<50		<5	140
2,4-Dinitrophenol	µg/L	625		<250	<500	<500	<500	<500		<250	<250		<25	<500
2,4-Dinitrotoluene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2,6-Dinitrotoluene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2-Chloronaphthalene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2-Chlorophenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
2-Methylnaphthalene	µg/L	625												
2-Methylphenol	µg/L	625												
2-Nitrophenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
3,3´-Dichlorobenzidine	µg/L	625		<100	<200	<200	<200	<200		<100	<100		<10	<200
4,6-Dinitro-2-methylphenol	µg/L	625		<250	<500	<500	<500	<500		<250	<250		<25	<500
4-Bromophenyl phenyl ether	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
4-Chloro-3-methylphenol	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
4-Chlorophenyl phenyl ether	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
4-Methylphenol	µg/L	625												
4-Nitrophenol	µg/L	625		<250	<500	500	<500	<500		<250	<250		<25	<500
Acenaphthene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100

Leachate Analytical Data - T-160
AWTS & FacPond Evaluation

CWM Chemical Services, LLC
Model City, NY

May 2012 - rev. 1

SLF 12 standpipe

SLF 12 lift station

RMU-1, SLF-12 | tank sampl 120202028 T160 AES 0 120210022 120215024 120216018CMW.xls, T160 021512.xlsx | 120215035 120215034 Old Landfill Old Landfill Leachates_ 111116033

Parameter	Units	Analytical Method	RMU-1 T-160 1/31/2012	RMU-1 T-160 2/1/2012	RMU-1 T-160 2/7/2012	RMU-1 T-160 2/9/2012	RMU-1 T-160 2/14/2012	RMU-1 T-160 2/15/2012	RMU-1 8/22/12	L-54 2/14/2012	T-150 2/14/2012	T-150 2/14/2012	T-150 7/23/2012	Combined T-102 11/15/2011
Samples Collected						***6***				***1***	***1***			***1***
Samples Required						***6***				***3***	***3***			***24***
Acenaphthylene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Anthracene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Azobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benz(a)anthracene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benzidine	µg/L	625		<250	<500	<500	<500	<500		<250	<250		<25	<500
Benzo(a)pyrene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benzo(b)fluoranthene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benzo(g,h,i)perylene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benzo(k)fluoranthene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Benzothiazole	µg/L	625												
Bis(2-chloroethoxy)methane	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Bis(2-chloroethyl)ether	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Bis(2-chloroisopropyl)ether	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Bis(2-ethylhexyl)phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	330		<5	<100
Butyl benzyl phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Carbazole	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Chrysene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Dibenz(a,h)anthracene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Dibenzofuran	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Diethyl phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Dimethyl phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Di-n-butyl phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Di-n-octyl phthalate	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Fluoranthene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Fluorene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Hexachlorobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Hexachlorobutadiene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Hexachlorocyclopentadiene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Hexachloroethane	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Hexamethylbenzene	µg/L	625												
Indeno(1,2,3-cd)pyrene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Isophorone	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Naphthalene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
n-decane	µg/L	625												
Nitrobenzene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
N-Nitrosodimethylamine	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
N-Nitrosodi-n-propylamine	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
N-Nitrosodiphenylamine	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
n-Octadecane	µg/L	625												
Pentachlorophenol	µg/L	625		<250	<500	<500	<500	<100		<250	<250		<25	<500
Phenanthrene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Phenol	µg/L	625		630	1100	990	1200	<100		<50	<50		<5	<100
Pyrene	µg/L	625		<50	<100	<100	<100	<100		<50	<50		<5	<100
Pyridine	µg/L	625												
PCB Aroclor														
Aroclor 1016	µg/L	608		<1.3	<5.2	<0.26	<0.074	<0.349		<0.357	<13.1		<16.8	<3.25
Aroclor 1221	µg/L	608		<1.3	<5.2	<0.26	<0.074	<0.349		<0.357	<13.1		<16.8	<3.25
Aroclor 1232	µg/L	608		<1.3	<5.2	<0.26	<0.074	<0.349		<0.357	<13.1		<16.8	<3.25
Aroclor 1242	µg/L	608		3	29.6	<0.26	2.04	<0.349		<0.357	34.6		226	5.32
Aroclor 1248	µg/L	608		<1.3	<5.2	<0.26	<0.074	<0.349		<0.357	<13.1		<16.8	<3.25
Aroclor 1254	µg/L	608		<1.3	<5.2	<0.26	<0.074	<0.349		<0.357	289		92.5	<3.25
Aroclor 1260	µg/L	608		1.67	112	<0.26	<0.074	<0.349		<0.357	227		69.7	<3.25
Aroclor 1016	µg/L	8082A												
Aroclor 1221	µg/L	8082A												
Aroclor 1232	µg/L	8082A												
Aroclor 1242	µg/L	8082A												
Aroclor 1248	µg/L	8082A												
Aroclor 1254	µg/L	8082A												
Aroclor 1260	µg/L	8082A												
Aroclor 1262	µg/L	8082A												
Aroclor 1268	µg/L	8082A												
Chlorinated Pesticides														
4,4´-DDD	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
4,4´-DDE	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
4,4´-DDT	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
Aldrin	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
alpha-BHC	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
alpha-Chlordane	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
beta-BHC	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
Chlordane	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
delta-BHC	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
Dieldrin	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
Endosulfan I	µg/L	608		<0.2	<4	<0.2	<0.057	<0.054		<0.055	<10.1		<12.9	<0.56
Endosulfan II	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
Endosulfan sulfate	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11
Endrin	µg/L	608		<0.4	<8	<0.4	<0.114	<0.108		<0.110	<20.2		<25.8	<1.11

Leachate Analytical Data - T-160
AWTS & FacPond Evaluation

CWM Chemical Services, LLC
Model City, NY

May 2012 - rev. 1

SLF 12 standpipe

SLF 12 lift station

RMU-1, SLF-12 tank sampl 120202028 T160 AES 0 120210022 120215024 120216018CMW.xls, T160 021512.xlsx 120215035 120215034 Old Landfill Old Landfill Leachates_ 111116033

Parameter	Units	Analytical Method	RMU-1 T-160 1/31/2012	RMU-1 T-160 2/1/2012	RMU-1 T-160 2/7/2012	RMU-1 T-160 2/9/2012	RMU-1 T-160 2/14/2012	RMU-1 T-160 2/15/2012	RMU-1 8/22/12	L-54 2/14/2012	T-150 2/14/2012	T-150 2/14/2012	T-150 7/23/2012	Combined T-102 11/15/2011
Samples Collected						***6***				***1***	***1***			***1***
Samples Required						***6***				***3***	***3***			***24***
Endrin aldehyde	µg/L	608		<8	<0.114	<0.108				<0.110	<20.2		<25.8	<1.11
Endrin Ketone	µg/L	608		<8	<0.108	<0.108				<0.110	<20.2		<25.8	<1.11
gamma-BHC	µg/L	608		<4	<0.054	<0.054				<0.055	<10.1		<12.9	<0.56
gamma-Chlordane	µg/L	608		<4	<0.054	<0.054				<0.055	<10.1		<12.9	<0.56
Heptachlor	µg/L	608		<4	<0.054	<0.054				<0.055	<10.1		<12.9	<0.56
Heptachlor epoxide	µg/L	608		<4	<0.054	<0.054				<0.055	<10.1		<12.9	<0.56
Methoxychlor	µg/L	608		<40	<0.538	<0.538				<0.549	<101		<129	<5.56
Toxaphene	µg/L	608		<80	<1.08	<1.08				<1.10	<202		<258	<11.1
Other key considerations														

Key:

ATTACHMENT 8

TANKS SOFTWARE MODEL OUTPUT FOR LEACHATE TANKS

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-102
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	32.00
Diameter (ft):	44.00
Liquid Height (ft) :	29.50
Avg. Liquid Height (ft):	15.00
Volume (gallons):	350,000.00
Turnovers:	42.86
Net Throughput(gal/yr):	15,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-102 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3385	0.3385	0.3385	18.0099			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0001	0.0007	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0000	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0000	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0000	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Water						0.3384	0.3384	0.3384	18.0000	0.9999	0.9992	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-102 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	244.1874
Vapor Space Volume (cu ft):	26,545.9343
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.7615
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	26,545.9343
Tank Diameter (ft):	44.0000
Vapor Space Outage (ft):	17.4583
Tank Shell Height (ft):	32.0000
Average Liquid Height (ft):	15.0000
Roof Outage (ft):	0.4583
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.4583
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	22.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0099
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.7615
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3385

Vapor Space Outage (ft):	17.4583
Working Losses (lb):	1,886.7554
Vapor Molecular Weight (lb/lb-mole):	18.0099
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Annual Net Throughput (gal/yr.):	15,000,000.0000
Annual Turnovers:	42.8571
Turnover Factor:	0.8667
Maximum Liquid Volume (gal):	350,000.0000
Maximum Liquid Height (ft):	29.5000
Tank Diameter (ft):	44.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	2,130.9427

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-102 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	1,886.76	244.19	2,130.94
Carbon disulfide	0.02	0.00	0.03
Methylene chloride	0.04	0.01	0.05
Toluene	0.00	0.00	0.00
Methyl ethyl ketone	0.02	0.00	0.02
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	1.40	0.18	1.58
Water	1,885.27	243.99	2,129.26

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-103
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	32.00
Diameter (ft):	44.00
Liquid Height (ft) :	29.50
Avg. Liquid Height (ft):	15.00
Volume (gallons):	350,000.00
Turnovers:	1.43
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-103 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-103 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	246.7768
Vapor Space Volume (cu ft):	26,545.9343
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.7610
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	26,545.9343
Tank Diameter (ft):	44.0000
Vapor Space Outage (ft):	17.4583
Tank Shell Height (ft):	32.0000
Average Liquid Height (ft):	15.0000
Roof Outage (ft):	0.4583
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.4583
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	22.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.7610
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	17.4583
Working Losses (lb):	73.3280
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	1.4286
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	350,000.0000
Maximum Liquid Height (ft):	29.5000
Tank Diameter (ft):	44.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	320.1048

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-103 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	73.33	246.78	320.10
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.01
Vinylidene chloride	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.09	0.31	0.40
Methyl isobutyl ketone	0.00	0.01	0.01
Acetone	0.35	1.18	1.53
Methylene chloride	0.21	0.69	0.90
Trichloroethylene	0.00	0.01	0.01
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.01	0.02	0.03
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.01	0.01
Diethyl ether	0.01	0.04	0.05
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.21	0.71	0.93
Butanol-(1)	0.00	0.01	0.01
Water	72.43	243.77	316.20

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-105
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Lift Station for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	8.00
Diameter (ft):	8.00
Liquid Height (ft) :	8.00
Avg. Liquid Height (ft):	4.00
Volume (gallons):	3,000.00
Turnovers:	166.67
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-105 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3410	0.3406	0.3415	18.8182			18.31	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0010	0.0061	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Benzene						0.8603	0.7574	0.9745	78.1100	0.0001	0.0001	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0003	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Carbon tetrachloride						1.0831	0.9599	1.2191	153.8400	0.0001	0.0002	153.84	Option 2: A=6.934, B=1242.43, C=230
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0006	0.0001	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0002	0.0012	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0002	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0001	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0004	0.0001	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0008	0.0019	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0004	0.0002	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0020	0.0242	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Naphthalene						0.0015	0.0012	0.0019	128.2000	0.0000	0.0000	128.20	Option 2: A=7.3729, B=1968.36, C=222.61
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0013	0.0001	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0017	0.0007	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0024	0.0016	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0025	0.0089	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0001	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0045	0.0076	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0001	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9797	0.9459	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0021	0.0004	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-105 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	2.4359
Vapor Space Volume (cu ft):	205.2507
Vapor Density (lb/cu ft):	0.0012
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9313
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	205.2507
Tank Diameter (ft):	8.0000
Vapor Space Outage (ft):	4.0833
Tank Shell Height (ft):	8.0000
Average Liquid Height (ft):	4.0000
Roof Outage (ft):	0.0833
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0833
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	4.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0012
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0009
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3406
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3415
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9313
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3410
Vapor Space Outage (ft):	4.0833
Working Losses (lb):	26.4855
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	166.6667
Turnover Factor:	0.3467
Maximum Liquid Volume (gal):	3,000.0000
Maximum Liquid Height (ft):	8.0000
Tank Diameter (ft):	8.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	28.9213

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-105 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	26.49	2.44	28.92
Acetone	0.16	0.01	0.18
Benzene	0.00	0.00	0.00
Carbon disulfide	0.01	0.00	0.01
Methyl ethyl ketone	0.05	0.00	0.05
Carbon tetrachloride	0.01	0.00	0.01
Chlorobenzene	0.00	0.00	0.00
Chloroform	0.03	0.00	0.03
Dichloroethane (1,1)	0.01	0.00	0.01
Dichloroethane (1,2)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Ethylbenzene	0.00	0.00	0.00
Methylene chloride	0.64	0.06	0.70
Cresol (-o)	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Naphthalene	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Tetrachloroethylene	0.02	0.00	0.02
Toluene	0.04	0.00	0.05
Trichloroethane (1,1,1)	0.24	0.02	0.26
Trichloroethane (1,1,2)	0.00	0.00	0.00
Trichloroethylene	0.20	0.02	0.22
Xylenes (mixed isomers)	0.01	0.00	0.01
Water	25.05	2.30	27.36

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	Tank T-107
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-7 Leachate

Tank Dimensions

Shell Height (ft):	6.58
Diameter (ft):	3.20
Liquid Height (ft) :	6.58
Avg. Liquid Height (ft):	3.29
Volume (gallons):	395.00
Turnovers:	253.16
Net Throughput(gal/yr):	100,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Tank T-107 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 7 Leachate	All	49.26	44.94	53.57	47.70	0.3387	0.3386	0.3387	18.0507			18.01	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0012	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0002	0.0004	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0021	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Water						0.3384	0.3384	0.3384	18.0000	0.9995	0.9963	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Tank T-107 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.3027
Vapor Space Volume (cu ft):	26.4597
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9442
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	26.4597
Tank Diameter (ft):	3.2000
Vapor Space Outage (ft):	3.2900
Tank Shell Height (ft):	6.5800
Average Liquid Height (ft):	3.2900
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	1.6000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0507
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9442
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3387

Vapor Space Outage (ft):	3.2900
Working Losses (lb):	4.1506
Vapor Molecular Weight (lb/lb-mole):	18.0507
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Annual Net Throughput (gal/yr.):	100,000.0000
Annual Turnovers:	253.1646
Turnover Factor:	0.2852
Maximum Liquid Volume (gal):	395.0000
Maximum Liquid Height (ft):	6.5800
Tank Diameter (ft):	3.2000
Working Loss Product Factor:	1.0000
Total Losses (lb):	4.4532

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Tank T-107 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 7 Leachate	4.15	0.30	4.45
Acetone	0.00	0.00	0.01
Methylene chloride	0.01	0.00	0.01
Methyl ethyl ketone	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Water	4.14	0.30	4.44

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-108
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-11 Leachate

Tank Dimensions

Shell Height (ft):	16.00
Diameter (ft):	10.33
Liquid Height (ft) :	16.00
Avg. Liquid Height (ft):	5.17
Volume (gallons):	10,000.00
Turnovers:	20.00
Net Throughput(gal/yr):	200,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-108 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 11 Leachate	All	49.26	44.94	53.57	47.70	0.3384	0.3384	0.3384	18.0030			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0000	0.0002	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0000	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9998	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-108 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	9.1756
Vapor Space Volume (cu ft):	907.6512
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0296
Vented Vapor Saturation Factor:	0.8373
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	907.6512
Tank Diameter (ft):	10.3300
Vapor Space Outage (ft):	10.8300
Tank Shell Height (ft):	16.0000
Average Liquid Height (ft):	5.1700
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	5.1650
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0030
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0296
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8373
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384

Vapor Space Outage (ft):	10.8300
Working Losses (lb):	29.0118
Vapor Molecular Weight (lb/lb-mole):	18.0030
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	200,000.0000
Annual Turnovers:	20.0000
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	10,000.0000
Maximum Liquid Height (ft):	16.0000
Tank Diameter (ft):	10.3300
Working Loss Product Factor:	1.0000
Total Losses (lb):	38.1873

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-108 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 11 Leachate	29.01	9.18	38.19
Acetone	0.01	0.00	0.01
Methyl ethyl ketone	0.00	0.00	0.00
Water	29.00	9.17	38.18
Methyl isobutyl ketone	0.00	0.00	0.00

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-109
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-10 Leachate

Tank Dimensions

Shell Height (ft):	8.00
Diameter (ft):	8.00
Liquid Height (ft) :	8.00
Avg. Liquid Height (ft):	4.00
Volume (gallons):	3,000.00
Turnovers:	33.33
Net Throughput(gal/yr):	100,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-109 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 10 Leachate	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0253			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0003	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9997	0.9980	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-109 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	2.2688
Vapor Space Volume (cu ft):	201.0619
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9330
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	201.0619
Tank Diameter (ft):	8.0000
Vapor Space Outage (ft):	4.0000
Tank Shell Height (ft):	8.0000
Average Liquid Height (ft):	4.0000
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	4.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0253
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9330
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386

Vapor Space Outage (ft):	4.0000
Working Losses (lb):	14.5300
Vapor Molecular Weight (lb/lb-mole):	18.0253
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	100,000.0000
Annual Turnovers:	33.3333
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	3,000.0000
Maximum Liquid Height (ft):	8.0000
Tank Diameter (ft):	8.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	16.7988

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-109 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 10 Leachate	14.53	2.27	16.80
Acetone	0.02	0.00	0.03
Methylene chloride	0.00	0.00	0.01
Methyl ethyl ketone	0.00	0.00	0.00
Water	14.50	2.26	16.77
Methyl isobutyl ketone	0.00	0.00	0.00

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-110
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-10 Leachate

Tank Dimensions

Shell Height (ft):	6.58
Diameter (ft):	3.20
Liquid Height (ft) :	6.58
Avg. Liquid Height (ft):	3.29
Volume (gallons):	395.00
Turnovers:	253.16
Net Throughput(gal/yr):	100,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-110 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 10 Leachate	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0253			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0003	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9997	0.9980	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-110 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.3022
Vapor Space Volume (cu ft):	26.4597
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9443
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	26.4597
Tank Diameter (ft):	3.2000
Vapor Space Outage (ft):	3.2900
Tank Shell Height (ft):	6.5800
Average Liquid Height (ft):	3.2900
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	1.6000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0253
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9443
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386

Vapor Space Outage (ft):	3.2900
Working Losses (lb):	4.1435
Vapor Molecular Weight (lb/lb-mole):	18.0253
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	100,000.0000
Annual Turnovers:	253.1646
Turnover Factor:	0.2852
Maximum Liquid Volume (gal):	395.0000
Maximum Liquid Height (ft):	6.5800
Tank Diameter (ft):	3.2000
Working Loss Product Factor:	1.0000
Total Losses (lb):	4.4456

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-110 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 10 Leachate	4.14	0.30	4.45
Acetone	0.01	0.00	0.01
Methylene chloride	0.00	0.00	0.00
Methyl ethyl ketone	0.00	0.00	0.00
Water	4.14	0.30	4.44
Methyl isobutyl ketone	0.00	0.00	0.00

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-111
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-11 Leachate

Tank Dimensions

Shell Height (ft):	6.58
Diameter (ft):	3.20
Liquid Height (ft) :	6.58
Avg. Liquid Height (ft):	3.29
Volume (gallons):	395.00
Turnovers:	506.33
Net Throughput(gal/yr):	200,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-111 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 11 Leachate	All	49.26	44.94	53.57	47.70	0.3384	0.3384	0.3384	18.0030			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0000	0.0002	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0000	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9998	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-111 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.3016
Vapor Space Volume (cu ft):	26.4597
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0296
Vented Vapor Saturation Factor:	0.9443
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	26.4597
Tank Diameter (ft):	3.2000
Vapor Space Outage (ft):	3.2900
Tank Shell Height (ft):	6.5800
Average Liquid Height (ft):	3.2900
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	1.6000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0030
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0296
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9443
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384

Vapor Space Outage (ft):	3.2900
Working Losses (lb):	6.5542
Vapor Molecular Weight (lb/lb-mole):	18.0030
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	200,000.0000
Annual Turnovers:	506.3291
Turnover Factor:	0.2259
Maximum Liquid Volume (gal):	395.0000
Maximum Liquid Height (ft):	6.5800
Tank Diameter (ft):	3.2000
Working Loss Product Factor:	1.0000
Total Losses (lb):	6.8559

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-111 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 11 Leachate	6.55	0.30	6.86
Acetone	0.00	0.00	0.00
Methyl ethyl ketone	0.00	0.00	0.00
Water	6.55	0.30	6.85
Methyl isobutyl ketone	0.00	0.00	0.00

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-130
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	10.00
Diameter (ft):	7.60
Liquid Height (ft) :	10.00
Avg. Liquid Height (ft):	5.00
Volume (gallons):	3,393.52
Turnovers:	147.34
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-130 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3410	0.3406	0.3415	18.8182			18.31	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0010	0.0061	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Benzene						0.8603	0.7574	0.9745	78.1100	0.0001	0.0001	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0003	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Carbon tetrachloride						1.0831	0.9599	1.2191	153.8400	0.0001	0.0002	153.84	Option 2: A=6.934, B=1242.43, C=230
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0006	0.0001	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0002	0.0012	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0002	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0001	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0004	0.0001	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0008	0.0019	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0004	0.0002	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0020	0.0242	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Naphthalene						0.0015	0.0012	0.0019	128.2000	0.0000	0.0000	128.20	Option 2: A=7.3729, B=1968.36, C=222.61
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0013	0.0001	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0017	0.0007	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0024	0.0016	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0025	0.0089	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0001	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0045	0.0076	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0001	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9797	0.9459	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0021	0.0004	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-130 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	2.6894
Vapor Space Volume (cu ft):	230.4144
Vapor Density (lb/cu ft):	0.0012
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9159
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	230.4144
Tank Diameter (ft):	7.6000
Vapor Space Outage (ft):	5.0792
Tank Shell Height (ft):	10.0000
Average Liquid Height (ft):	5.0000
Roof Outage (ft):	0.0792
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0792
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	3.8000
Vapor Density	
Vapor Density (lb/cu ft):	0.0012
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0009
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3406
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3415
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9159
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3410
Vapor Space Outage (ft):	5.0792
Working Losses (lb):	28.2894
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	147.3397
Turnover Factor:	0.3703
Maximum Liquid Volume (gal):	3,393.5188
Maximum Liquid Height (ft):	10.0000
Tank Diameter (ft):	7.6000
Working Loss Product Factor:	1.0000
Total Losses (lb):	30.9788

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-130 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	28.29	2.69	30.98
Acetone	0.17	0.02	0.19
Benzene	0.00	0.00	0.00
Carbon disulfide	0.01	0.00	0.01
Methyl ethyl ketone	0.05	0.01	0.06
Carbon tetrachloride	0.01	0.00	0.01
Chlorobenzene	0.00	0.00	0.00
Chloroform	0.03	0.00	0.04
Dichloroethane (1,1)	0.01	0.00	0.01
Dichloroethane (1,2)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Ethylbenzene	0.00	0.00	0.00
Methylene chloride	0.69	0.07	0.75
Cresol (-o)	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Naphthalene	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Tetrachloroethylene	0.02	0.00	0.02
Toluene	0.04	0.00	0.05
Trichloroethane (1,1,1)	0.25	0.02	0.28
Trichloroethane (1,1,2)	0.00	0.00	0.00
Trichloroethylene	0.21	0.02	0.23
Xylenes (mixed isomers)	0.01	0.00	0.01
Water	26.76	2.54	29.30

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-150
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	14.00
Diameter (ft):	10.00
Liquid Height (ft) :	14.00
Avg. Liquid Height (ft):	5.00
Volume (gallons):	8,000.00
Turnovers:	125.00
Net Throughput(gal/yr):	1,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-150 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3386	0.3386	0.3387	18.0496			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0001	0.0007	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0000	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0000	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Water						0.3384	0.3384	0.3384	18.0000	0.9997	0.9964	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-150 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	7.4454
Vapor Space Volume (cu ft):	715.0396
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8595
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	715.0396
Tank Diameter (ft):	10.0000
Vapor Space Outage (ft):	9.1042
Tank Shell Height (ft):	14.0000
Average Liquid Height (ft):	5.0000
Roof Outage (ft):	0.1042
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1042
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	5.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0496
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8595
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	9.1042
Working Losses (lb):	59.1843
Vapor Molecular Weight (lb/lb-mole):	18.0496
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	1,000,000.0000
Annual Turnovers:	125.0000
Turnover Factor:	0.4067
Maximum Liquid Volume (gal):	8,000.0000
Maximum Liquid Height (ft):	14.0000
Tank Diameter (ft):	10.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	66.6296

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-150 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	59.18	7.45	66.63
Carbon disulfide	0.00	0.00	0.00
Methylene chloride	0.17	0.02	0.19
Toluene	0.00	0.00	0.00
Methyl ethyl ketone	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.04	0.01	0.05
Water	58.97	7.42	66.39

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-158
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	18.00
Diameter (ft):	12.00
Liquid Height (ft) :	18.00
Avg. Liquid Height (ft):	9.00
Volume (gallons):	15,000.00
Turnovers:	33.33
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-158 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3410	0.3406	0.3415	18.8182			18.31	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0010	0.0061	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Benzene						0.8603	0.7574	0.9745	78.1100	0.0001	0.0001	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0003	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Carbon tetrachloride						1.0831	0.9599	1.2191	153.8400	0.0001	0.0002	153.84	Option 2: A=6.934, B=1242.43, C=230
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0006	0.0001	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0002	0.0012	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0002	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0001	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0004	0.0001	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0008	0.0019	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0004	0.0002	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0020	0.0242	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Naphthalene						0.0015	0.0012	0.0019	128.2000	0.0000	0.0000	128.20	Option 2: A=7.3729, B=1968.36, C=222.61
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0013	0.0001	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0017	0.0007	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0024	0.0016	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0025	0.0089	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0001	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0045	0.0076	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0001	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9797	0.9459	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0021	0.0004	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-158 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	11.2896
Vapor Space Volume (cu ft):	1,032.0132
Vapor Density (lb/cu ft):	0.0012
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8584
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	1,032.0132
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	9.1250
Tank Shell Height (ft):	18.0000
Average Liquid Height (ft):	9.0000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0012
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0009
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3406
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3415
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8584
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3410
Vapor Space Outage (ft):	9.1250
Working Losses (lb):	76.4004
Vapor Molecular Weight (lb/lb-mole):	18.8182
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3410
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	33.3333
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	15,000.0000
Maximum Liquid Height (ft):	18.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	87.6900

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-158 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	76.40	11.29	87.69
Acetone	0.47	0.07	0.53
Benzene	0.01	0.00	0.01
Carbon disulfide	0.02	0.00	0.02
Methyl ethyl ketone	0.14	0.02	0.16
Carbon tetrachloride	0.02	0.00	0.02
Chlorobenzene	0.01	0.00	0.01
Chloroform	0.09	0.01	0.10
Dichloroethane (1,1)	0.02	0.00	0.02
Dichloroethane (1,2)	0.01	0.00	0.01
Vinylidene chloride	0.01	0.00	0.01
Dimethyl phthalate	0.00	0.00	0.00
Ethylbenzene	0.01	0.00	0.01
Methylene chloride	1.85	0.27	2.12
Cresol (-o)	0.00	0.00	0.00
Methyl isobutyl ketone	0.01	0.00	0.01
Cresol (-p)	0.00	0.00	0.00
Naphthalene	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.01	0.00	0.01
Tetrachloroethylene	0.05	0.01	0.06
Toluene	0.12	0.02	0.14
Trichloroethane (1,1,1)	0.68	0.10	0.78
Trichloroethane (1,1,2)	0.00	0.00	0.00
Trichloroethylene	0.58	0.09	0.66
Xylenes (mixed isomers)	0.03	0.00	0.03
Water	72.27	10.68	82.94

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-160
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	Storage Tank for SLF 1-6 Leachate

Tank Dimensions

Shell Height (ft):	6.50
Diameter (ft):	9.00
Liquid Height (ft) :	6.50
Avg. Liquid Height (ft):	3.25
Volume (gallons):	3,000.00
Turnovers:	5,000.00
Net Throughput(gal/yr):	15,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-160 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3386	0.3386	0.3387	18.0496			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0001	0.0007	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Carbon disulfide						3.7484	3.3805	4.1482	76.1300	0.0000	0.0000	76.13	Option 2: A=6.942, B=1169.11, C=241.59
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0000	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Water						0.3384	0.3384	0.3384	18.0000	0.9997	0.9964	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-160 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	2.4310
Vapor Space Volume (cu ft):	212.7202
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9434
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	212.7202
Tank Diameter (ft):	9.0000
Vapor Space Outage (ft):	3.3438
Tank Shell Height (ft):	6.5000
Average Liquid Height (ft):	3.2500
Roof Outage (ft):	0.0938
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0938
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	4.5000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0496
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9434
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	3.3438
Working Losses (lb):	376.9358
Vapor Molecular Weight (lb/lb-mole):	18.0496
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	15,000,000.0000
Annual Turnovers:	5,000.0000
Turnover Factor:	0.1727
Maximum Liquid Volume (gal):	3,000.0000
Maximum Liquid Height (ft):	6.5000
Tank Diameter (ft):	9.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	379.3668

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-160 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	376.94	2.43	379.37
Carbon disulfide	0.00	0.00	0.00
Methylene chloride	1.06	0.01	1.07
Toluene	0.00	0.00	0.00
Methyl ethyl ketone	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.28	0.00	0.28
Water	375.59	2.42	378.01

ATTACHMENT 9

TANKS SOFTWARE MODEL OUTPUT FOR GROUNDWATER TANKS

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8001
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Cone Bottom

Tank Dimensions

Shell Length (ft):	13.00
Diameter (ft):	8.00
Volume (gallons):	5,000.00
Turnovers:	200.00
Net Throughput(gal/yr):	1,000,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8001 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Tank 8001 Liquid	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0025			18.00	
Benzene						1.1140	0.8320	1.4713	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Methylene chloride						5.4129	4.2270	6.8607	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloro(1,1,2)trifluoroethane						4.2021	3.2712	5.3366	187.3800	0.0000	0.0000	187.38	Option 2: A=6.88, B=1099.9, C=227.5
Trichloroethane (1,1,1)						1.5780	1.1909	2.0704	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethylene						0.7781	0.5664	1.0511	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						7.8064	6.1950	9.7374	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9998	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8001 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	11.5611
Vapor Space Volume (cu ft):	416.2110
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9331
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	416.2110
Tank Diameter (ft):	8.0000
Effective Diameter (ft):	11.5102
Vapor Space Outage (ft):	4.0000
Tank Shell Length (ft):	13.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0025
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9331
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	4.0000
Working Losses (lb):	45.9324
Vapor Molecular Weight (lb/lb-mole):	18.0025
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	1,000,000.0000
Annual Turnovers:	200.0000
Turnover Factor:	0.3167
Tank Diameter (ft):	8.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	57.4934

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8001 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Tank 8001 Liquid	45.93	11.56	57.49
Trichloro(1,1,2)trifluoroethane	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Methylene chloride	0.00	0.00	0.00
Trichloroethane (1,1,1)	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Trichloroethylene	0.00	0.00	0.00
Water	45.92	11.56	57.48

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8002
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):	5.00
Diameter (ft):	4.00
Volume (gallons):	470.11
Turnovers:	2,127.18
Net Throughput(gal/yr):	1,000,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8002 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Tank 8002 Liquid	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0025			18.00	
Benzene						1.1140	0.8320	1.4713	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Methylene chloride						5.4129	4.2270	6.8607	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloro(1,1,2)trifluoroethane						4.2021	3.2712	5.3366	187.3800	0.0000	0.0000	187.38	Option 2: A=6.88, B=1099.9, C=227.5
Trichloroethane (1,1,1)						1.5780	1.1909	2.0704	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethylene						0.7781	0.5664	1.0511	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						7.8064	6.1950	9.7374	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9998	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8002 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	1.1501
Vapor Space Volume (cu ft):	40.0203
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9654
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	40.0203
Tank Diameter (ft):	4.0000
Effective Diameter (ft):	5.0475
Vapor Space Outage (ft):	2.0000
Tank Shell Length (ft):	5.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0025
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9654
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	2.0000
Working Losses (lb):	26.2206
Vapor Molecular Weight (lb/lb-mole):	18.0025
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	1,000,000.0000
Annual Turnovers:	2,127.1844
Turnover Factor:	0.1808
Tank Diameter (ft):	4.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	27.3707

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8002 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Tank 8002 Liquid	26.22	1.15	27.37
Trichloro(1,1,2)trifluoroethane	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Methylene chloride	0.00	0.00	0.00
Trichloroethane (1,1,1)	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Trichloroethylene	0.00	0.00	0.00
Water	26.22	1.15	27.37

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8005
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):	6.25
Diameter (ft):	3.00
Volume (gallons):	300.00
Turnovers:	33.22
Net Throughput(gal/yr):	10,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8005 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-8005	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0003			18.00	
Trichloroethylene						0.7781	0.5664	1.0511	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	1.0000	1.0000	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8005 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	0.8156
Vapor Space Volume (cu ft):	28.1393
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9738
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	28.1393
Tank Diameter (ft):	3.0000
Effective Diameter (ft):	4.8873
Vapor Space Outage (ft):	1.5000
Tank Shell Length (ft):	6.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0003
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9738
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	1.5000
Working Losses (lb):	1.4503
Vapor Molecular Weight (lb/lb-mole):	18.0003
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	10,000.0000
Annual Turnovers:	33.2226
Turnover Factor:	1.0000
Tank Diameter (ft):	3.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	2.2659

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8005 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-8005	1.45	0.82	2.27
Trichloroethylene	0.00	0.00	0.00
Water	1.45	0.82	2.27

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8006
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):		6.25
Diameter (ft):		3.00
Volume (gallons):		300.00
Turnovers:		33.22
Net Throughput(gal/yr):		10,000.00
Is Tank Heated (y/n):	N	
Is Tank Underground (y/n):	N	

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8006 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-8006	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0066			18.00	
Carbon tetrachloride						1.3843	1.0493	1.8035	153.8400	0.0001	0.0004	153.84	Option 2: A=6.934, B=1242.43, C=230
Water						0.3384	0.3384	0.3384	18.0000	0.9999	0.9996	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8006 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	0.8160
Vapor Space Volume (cu ft):	28.1393
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9738
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	28.1393
Tank Diameter (ft):	3.0000
Effective Diameter (ft):	4.8873
Vapor Space Outage (ft):	1.5000
Tank Shell Length (ft):	6.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0066
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9738
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	1.5000
Working Losses (lb):	1.4508
Vapor Molecular Weight (lb/lb-mole):	18.0066
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	10,000.0000
Annual Turnovers:	33.2226
Turnover Factor:	1.0000
Tank Diameter (ft):	3.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	2.2668

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8006 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-8006	1.45	0.82	2.27
Carbon tetrachloride	0.00	0.00	0.00
Water	1.45	0.82	2.27

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8007
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):	5.00
Diameter (ft):	4.00
Volume (gallons):	470.02
Turnovers:	21.28
Net Throughput(gal/yr):	10,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8007 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Tank 80007 Liquid	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0012			18.00	
Chlorobenzene						0.1260	0.0884	0.1767	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Methylene chloride						5.4129	4.2270	6.8607	84.9400	0.0000	0.0000	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloro(1,1,2)trifluoroethane						4.2021	3.2712	5.3366	187.3800	0.0000	0.0000	187.38	Option 2: A=6.88, B=1099.9, C=227.5
Trichloroethane (1,1,1)						1.5780	1.1909	2.0704	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethylene						0.7781	0.5664	1.0511	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9999	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8007 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	1.1500
Vapor Space Volume (cu ft):	40.0203
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9654
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	40.0203
Tank Diameter (ft):	4.0000
Effective Diameter (ft):	5.0475
Vapor Space Outage (ft):	2.0000
Tank Shell Length (ft):	5.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0012
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9654
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	2.0000
Working Losses (lb):	1.4504
Vapor Molecular Weight (lb/lb-mole):	18.0012
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	10,000.0000
Annual Turnovers:	21.2759
Turnover Factor:	1.0000
Tank Diameter (ft):	4.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	2.6004

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8007 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Tank 80007 Liquid	1.45	1.15	2.60
Trichloro(1,1,2)trifluoroethane	0.00	0.00	0.00
Methylene chloride	0.00	0.00	0.00
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethylene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Water	1.45	1.15	2.60

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8008
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):	7.60
Diameter (ft):	3.50
Volume (gallons):	500.00
Turnovers:	2.00
Net Throughput(gal/yr):	1,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8008 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Water	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0000			18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8008 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	1.3441
Vapor Space Volume (cu ft):	46.5736
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9696
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	46.5736
Tank Diameter (ft):	3.5000
Effective Diameter (ft):	5.8211
Vapor Space Outage (ft):	1.7500
Tank Shell Length (ft):	7.6000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9696
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	1.7500
Working Losses (lb):	0.1450
Vapor Molecular Weight (lb/lb-mole):	18.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	1,000.0000
Annual Turnovers:	2.0000
Turnover Factor:	1.0000
Tank Diameter (ft):	3.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	1.4891

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8008 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Water	0.15	1.34	1.49

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8009
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank; Projected Volume

Tank Dimensions

Shell Length (ft):	5.90
Diameter (ft):	4.10
Volume (gallons):	525.00
Turnovers:	952.38
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8009 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Tank 8009 Liquid	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0019			18.00	
Acetone						2.8026	2.1379	3.6292	58.0800	0.0000	0.0000	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Carbon tetrachloride						1.3843	1.0493	1.8035	153.8400	0.0000	0.0000	153.84	Option 2: A=6.934, B=1242.43, C=230
Chlorobenzene						0.1260	0.0884	0.1767	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						2.3281	1.7585	3.0372	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Methylene chloride						5.4129	4.2270	6.8607	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethane (1,1,2)						0.2315	0.1630	0.3232	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.7781	0.5664	1.0511	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	1.0000	0.9999	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8009 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	1.4246
Vapor Space Volume (cu ft):	49.6147
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9645
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	49.6147
Tank Diameter (ft):	4.1000
Effective Diameter (ft):	5.5512
Vapor Space Outage (ft):	2.0500
Tank Shell Length (ft):	5.9000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0019
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9645
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	2.0500
Working Losses (lb):	14.3714
Vapor Molecular Weight (lb/lb-mole):	18.0019
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	952.3810
Turnover Factor:	0.1982
Tank Diameter (ft):	4.1000
Working Loss Product Factor:	1.0000
Total Losses (lb):	15.7960

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8009 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Tank 8009 Liquid	14.37	1.42	15.80
Acetone	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Carbon tetrachloride	0.00	0.00	0.00
Methylene chloride	0.00	0.00	0.00
Trichloroethylene	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Water	14.37	1.42	15.79

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-8010
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Projected Volume

Tank Dimensions

Shell Length (ft):	6.46
Diameter (ft):	5.33
Volume (gallons):	1,000.00
Turnovers:	500.00
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-8010 - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Water	All	58.30	48.11	68.49	52.02	0.3384	0.3384	0.3384	18.0000			18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-8010 - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	2.6080
Vapor Space Volume (cu ft):	91.8073
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9544
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	91.8073
Tank Diameter (ft):	5.3300
Effective Diameter (ft):	6.6229
Vapor Space Outage (ft):	2.6650
Tank Shell Length (ft):	6.4600
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3384
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3384
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9544
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3384
Vapor Space Outage (ft):	2.6650
Working Losses (lb):	16.4363
Vapor Molecular Weight (lb/lb-mole):	18.0000
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3384
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	500.0000
Turnover Factor:	0.2267
Tank Diameter (ft):	5.3300
Working Loss Product Factor:	1.0000
Total Losses (lb):	19.0442

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-8010 - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Water	16.44	2.61	19.04

ATTACHMENT 10

SAMPLING RESULTS FOR GROUNDWATER STORAGE TANKS

1550 Balmer Road
Model City, NY 14107
716-286-1550 Phone
716-286-0326 Fax

23 April 2013

Jill Banaszak
Environmental Monitoring
1550 Balmer Road
Model City, NY 14107

RE: T8000's
Work Order(s): 1304101

CERTIFICATES

NYSDOH LAB ID No.: 11383
U.S. EPA LAB CODE: NY01252

CWM Chemical Services, LLC. **Reported:** **04/23/13 10:30**

Client: Environmental Monitoring

Work Order(s): 1304101

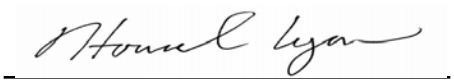
ANALYTICAL REPORT FOR SAMPLES

LabSample ID	Client Sample ID	Matrix	Date Sampled	Date Received
1304101-01	T8005	Aqueous	04/22/13 10:15	04/22/13 11:21
1304101-02	T8006	Aqueous	04/22/13 10:25	04/22/13 11:21
1304101-03	T8007	Aqueous	04/22/13 10:58	04/22/13 11:21
1304101-04	T8010	Aqueous	04/22/13 10:45	04/22/13 11:21

All Quality Control associated with these samples met EPA or laboratory specifications unless noted.

The enclosed analytical results are representative of the sample as received by the laboratory. CWM Chemical Services Laboratory makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. This report is intended for the sole use and benefit of Waste Management and it's companies. No representation concerning significance of the reported data is made to any person or entity. To the best of my knowledge, the information contained in this report is accurate and complete. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

According to Sample Collection Requirements for Non-Potable Water located in the ELAP Certification Manual, pH analysis is required within 15 minutes of sample collection. Analysis is generally not completed within 15 minutes, but as soon as possible after laboratory receipt.

Approved By: 

Title: QA/QC Coordinator

CWM Chemical Services, LLC. **Reported: 04/23/13 10:30**

Client:	Environmental Monitoring	Project:	T8000's	Sampled:	04/22/13 10:15
Work Order:	1304101	Project #:	CWM	Received:	04/22/13 11:21
Lab Sample ID:	1304101-01RE1	Client Sample ID:	T8005		Aqueous

Analyte	Result	Notes	Reporting Limit	Units	Analyzed	Analyst	Method
Volatiles - Aqueous							
Chloromethane	ND		1000	ug/L	04/22/13	LD	EPA 8260C
Vinyl chloride	ND		1000	"	"	LD	"
Bromomethane	ND		1000	"	"	LD	"
Chloroethane	ND		1000	"	"	LD	"
Trichlorofluoromethane	ND		1000	"	"	LD	"
Diethyl ether	ND		1000	"	"	LD	"
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1000	"	"	LD	"
Acetone	ND		1000	"	"	LD	"
1,1-Dichloroethene	ND		1000	"	"	LD	"
Methylene chloride	ND		1000	"	"	LD	"
Carbon disulfide	ND		1000	"	"	LD	"
trans-1,2-Dichloroethene	ND		1000	"	"	LD	"
1,1-Dichloroethane	ND		1000	"	"	LD	"
Vinyl acetate	ND		1000	"	"	LD	"
2-Butanone	ND		1000	"	"	LD	"
Ethyl acetate	ND		1000	"	"	LD	"
Chloroform	ND		1000	"	"	LD	"
1,1,1-Trichloroethane	ND		1000	"	"	LD	"
Carbon tetrachloride	ND		1000	"	"	LD	"
1,2-Dichloroethane	ND		1000	"	"	LD	"
Benzene	ND		1000	"	"	LD	"
Trichloroethene	**7010**		1000	"	"	LD	"
1,2-Dichloropropane	ND		1000	"	"	LD	"
Bromodichloromethane	ND		1000	"	"	LD	"
2-Chloroethylvinyl ether	ND		1000	"	"	LD	"
4-Methyl-2-pentanone	ND		1000	"	"	LD	"
cis-1,3-Dichloropropene	ND		1000	"	"	LD	"
Toluene	ND		1000	"	"	LD	"
trans-1,3-Dichloropropene	ND		1000	"	"	LD	"
1,1,2-Trichloroethane	ND		1000	"	"	LD	"
2-Hexanone	ND		1000	"	"	LD	"
Tetrachloroethene	ND		1000	"	"	LD	"
Dibromochloromethane	ND		1000	"	"	LD	"
Chlorobenzene	ND		1000	"	"	LD	"
Ethylbenzene	ND		1000	"	"	LD	"
Xylenes, total	ND		3000	"	"	LD	"
Styrene	ND		1000	"	"	LD	"
Bromoform	ND		1000	"	"	LD	"
1,1,2,2-Tetrachloroethane	ND		1000	"	"	LD	"
1,3-Dichlorobenzene	ND		1000	"	"	LD	"
1,4-Dichlorobenzene	ND		1000	"	"	LD	"
1,2-Dichlorobenzene	ND		1000	"	"	LD	"
Surrogate: 1,2-Dichloroethane-d4	*107 %*		*85-120*		*"*	LD	*"*
Surrogate: Toluene-d8	*105 %*		*85-115*		*"*	LD	*"*
Surrogate: 4-Bromofluorobenzene	*98.3 %*		*85-115*		*"*	LD	*"*

Client:	Environmental Monitoring	Project:	T8000's	Sampled:	04/22/13 10:25
Work Order:	1304101	Project #:	CWM	Received:	04/22/13 11:21
Lab Sample ID:	1304101-02	Client Sample ID:	T8006		Aqueous

Analyte	Result	Notes	Reporting Limit	Units	Analyzed	Analyst	Method
Volatiles - Aqueous							
Chloromethane	ND		10000	ug/L	04/22/13	LD	EPA 8260C
Vinyl chloride	ND		10000	"	"	LD	"
Bromomethane	ND		10000	"	"	LD	"
Chloroethane	ND		10000	"	"	LD	"
Trichlorofluoromethane	ND		10000	"	"	LD	"
Diethyl ether	ND		10000	"	"	LD	"
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10000	"	"	LD	"
Acetone	ND		10000	"	"	LD	"
1,1-Dichloroethene	ND		10000	"	"	LD	"
Methylene chloride	ND		10000	"	"	LD	"
Carbon disulfide	ND		10000	"	"	LD	"
trans-1,2-Dichloroethene	ND		10000	"	"	LD	"
1,1-Dichloroethane	ND		10000	"	"	LD	"
Vinyl acetate	ND		10000	"	"	LD	"
2-Butanone	ND		10000	"	"	LD	"
Ethyl acetate	ND		10000	"	"	LD	"
Chloroform	ND		10000	"	"	LD	"
1,1,1-Trichloroethane	ND		10000	"	"	LD	"
Carbon tetrachloride	**102000**		10000	"	"	LD	"
1,2-Dichloroethane	ND		10000	"	"	LD	"
Benzene	ND		10000	"	"	LD	"
Trichloroethene	ND		10000	"	"	LD	"
1,2-Dichloropropane	ND		10000	"	"	LD	"
Bromodichloromethane	ND		10000	"	"	LD	"
2-Chloroethylvinyl ether	ND		10000	"	"	LD	"
4-Methyl-2-pentanone	ND		10000	"	"	LD	"
cis-1,3-Dichloropropene	ND		10000	"	"	LD	"
Toluene	ND		10000	"	"	LD	"
trans-1,3-Dichloropropene	ND		10000	"	"	LD	"
1,1,2-Trichloroethane	ND		10000	"	"	LD	"
2-Hexanone	ND		10000	"	"	LD	"
Tetrachloroethene	ND		10000	"	"	LD	"
Dibromochloromethane	ND		10000	"	"	LD	"
Chlorobenzene	ND		10000	"	"	LD	"
Ethylbenzene	ND		10000	"	"	LD	"
Xylenes, total	ND		30000	"	"	LD	"
Styrene	ND		10000	"	"	LD	"
Bromoform	ND		10000	"	"	LD	"
1,1,2,2-Tetrachloroethane	ND		10000	"	"	LD	"
1,3-Dichlorobenzene	ND		10000	"	"	LD	"
1,4-Dichlorobenzene	ND		10000	"	"	LD	"
1,2-Dichlorobenzene	ND		10000	"	"	LD	"
Surrogate: 1,2-Dichloroethane-d4	*111 %*		*85-120*		"	LD	"
Surrogate: Toluene-d8	*108 %*		*85-115*		"	LD	"
Surrogate: 4-Bromofluorobenzene	*102 %*		*85-115*		"	LD	"

Client:	Environmental Monitoring	Project:	T8000's	Sampled:	04/22/13 10:58
Work Order:	1304101	Project #:	CWM	Received:	04/22/13 11:21
Lab Sample ID:	1304101-03RE1	Client Sample ID:	T8007		Aqueous

Analyte	Result	Notes	Reporting Limit	Units	Analyzed	Analyst	Method
Volatiles - Aqueous							
Chloromethane	ND		1000	ug/L	04/22/13	LD	EPA 8260C
Vinyl chloride	ND		1000	"	"	LD	"
Bromomethane	ND		1000	"	"	LD	"
Chloroethane	ND		1000	"	"	LD	"
Trichlorofluoromethane	ND		1000	"	"	LD	"
Diethyl ether	ND		1000	"	"	LD	"
1,1,2-Trichloro-1,2,2-trifluoroethane	**1080**		1000	"	"	LD	"
Acetone	ND		1000	"	"	LD	"
1,1-Dichloroethene	ND		1000	"	"	LD	"
Methylene chloride	**2890**		1000	"	"	LD	"
Carbon disulfide	ND		1000	"	"	LD	"
trans-1,2-Dichloroethene	ND		1000	"	"	LD	"
1,1-Dichloroethane	ND		1000	"	"	LD	"
Vinyl acetate	ND		1000	"	"	LD	"
2-Butanone	ND		1000	"	"	LD	"
Ethyl acetate	ND		1000	"	"	LD	"
Chloroform	ND		1000	"	"	LD	"
1,1,1-Trichloroethane	**1740**		1000	"	"	LD	"
Carbon tetrachloride	ND		1000	"	"	LD	"
1,2-Dichloroethane	ND		1000	"	"	LD	"
Benzene	ND		1000	"	"	LD	"
Trichloroethene	**3840**		1000	"	"	LD	"
1,2-Dichloropropane	ND		1000	"	"	LD	"
Bromodichloromethane	ND		1000	"	"	LD	"
2-Chloroethylvinyl ether	ND		1000	"	"	LD	"
4-Methyl-2-pentanone	ND		1000	"	"	LD	"
cis-1,3-Dichloropropene	ND		1000	"	"	LD	"
Toluene	ND		1000	"	"	LD	"
trans-1,3-Dichloropropene	ND		1000	"	"	LD	"
1,1,2-Trichloroethane	ND		1000	"	"	LD	"
2-Hexanone	ND		1000	"	"	LD	"
Tetrachloroethene	ND		1000	"	"	LD	"
Dibromochloromethane	ND		1000	"	"	LD	"
Chlorobenzene	**2980**		1000	"	"	LD	"
Ethylbenzene	ND		1000	"	"	LD	"
Xylenes, total	ND		3000	"	"	LD	"
Styrene	ND		1000	"	"	LD	"
Bromoform	ND		1000	"	"	LD	"
1,1,2,2-Tetrachloroethane	ND		1000	"	"	LD	"
1,3-Dichlorobenzene	ND		1000	"	"	LD	"
1,4-Dichlorobenzene	**3140**		1000	"	"	LD	"
1,2-Dichlorobenzene	**12900**		1000	"	"	LD	"
Surrogate: 1,2-Dichloroethane-d4	*107 %*		*85-120*		*"*	LD	*"*
Surrogate: Toluene-d8	*105 %*		*85-115*		*"*	LD	*"*
Surrogate: 4-Bromofluorobenzene	*97.5 %*		*85-115*		*"*	LD	*"*

Client:	Environmental Monitoring	Project:	T8000's	Sampled:	04/22/13 10:45
Work Order:	1304101	Project #:	CWM	Received:	04/22/13 11:21
Lab Sample ID:	1304101-04RE1	Client Sample ID:	T8010		Aqueous

Analyte	Result	Notes	Reporting Limit	Units	Analyzed	Analyst	Method
Volatiles - Aqueous							
Chloromethane	ND		100	ug/L	04/22/13	LD	EPA 8260C
Vinyl chloride	ND		100	"	"	LD	"
Bromomethane	ND		100	"	"	LD	"
Chloroethane	ND		100	"	"	LD	"
Trichlorofluoromethane	ND		100	"	"	LD	"
Diethyl ether	ND		100	"	"	LD	"
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	"	"	LD	"
Acetone	ND		100	"	"	LD	"
1,1-Dichloroethene	ND		100	"	"	LD	"
Methylene chloride	ND		100	"	"	LD	"
Carbon disulfide	ND		100	"	"	LD	"
trans-1,2-Dichloroethene	ND		100	"	"	LD	"
1,1-Dichloroethane	ND		100	"	"	LD	"
Vinyl acetate	ND		100	"	"	LD	"
2-Butanone	ND		100	"	"	LD	"
Ethyl acetate	ND		100	"	"	LD	"
Chloroform	ND		100	"	"	LD	"
1,1,1-Trichloroethane	ND		100	"	"	LD	"
Carbon tetrachloride	ND		100	"	"	LD	"
1,2-Dichloroethane	ND		100	"	"	LD	"
Benzene	ND		100	"	"	LD	"
Trichloroethene	ND		100	"	"	LD	"
1,2-Dichloropropane	ND		100	"	"	LD	"
Bromodichloromethane	ND		100	"	"	LD	"
2-Chloroethylvinyl ether	ND		100	"	"	LD	"
4-Methyl-2-pentanone	ND		100	"	"	LD	"
cis-1,3-Dichloropropene	ND		100	"	"	LD	"
Toluene	ND		100	"	"	LD	"
trans-1,3-Dichloropropene	ND		100	"	"	LD	"
1,1,2-Trichloroethane	ND		100	"	"	LD	"
2-Hexanone	ND		100	"	"	LD	"
Tetrachloroethene	ND		100	"	"	LD	"
Dibromochloromethane	ND		100	"	"	LD	"
Chlorobenzene	ND		100	"	"	LD	"
Ethylbenzene	ND		100	"	"	LD	"
Xylenes, total	ND		300	"	"	LD	"
Styrene	ND		100	"	"	LD	"
Bromoform	ND		100	"	"	LD	"
1,1,2,2-Tetrachloroethane	ND		100	"	"	LD	"
1,3-Dichlorobenzene	ND		100	"	"	LD	"
1,4-Dichlorobenzene	ND		100	"	"	LD	"
1,2-Dichlorobenzene	ND		100	"	"	LD	"
Surrogate: 1,2-Dichloroethane-d4	*106 %*		*85-120*		"	LD	"
Surrogate: Toluene-d8	*103 %*		*85-115*		"	LD	"
Surrogate: 4-Bromofluorobenzene	*96.5 %*		*85-115*		"	LD	"

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis

ATTACHMENT 11

TANKS SOFTWARE MODEL OUTPUT FOR AWTS TANKS

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-100
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	3 Year average + GW + Bulk Receipts

Tank Dimensions

Shell Height (ft):	23.00
Diameter (ft):	35.00
Liquid Height (ft) :	23.00
Avg. Liquid Height (ft):	12.50
Volume (gallons):	160,545.00
Turnovers:	18.69
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-100 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-100 Liquid	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0276			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0002	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0004	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	0.9996	0.9979	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-100 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	105.8100
Vapor Space Volume (cu ft):	10,452.9541
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8369
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	10,452.9541
Tank Diameter (ft):	35.0000
Vapor Space Outage (ft):	10.8646
Tank Shell Height (ft):	23.0000
Average Liquid Height (ft):	12.5000
Roof Outage (ft):	0.3646
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.3646
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	17.5000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8369
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	10.8646
Working Losses (lb):	435.9674
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	18.6864
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	160,545.0000
Maximum Liquid Height (ft):	23.0000
Tank Diameter (ft):	35.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	541.7774

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-100 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-100 Liquid	435.97	105.81	541.78
Methyl ethyl ketone	0.08	0.02	0.10
Trichloroethylene	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Water	435.03	105.58	540.62
Acetone	0.67	0.16	0.84
Methylene chloride	0.18	0.04	0.22

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-210
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-1111/1112 - T-1410 divided by 3

Tank Dimensions

Shell Height (ft):	15.00
Diameter (ft):	18.50
Liquid Height (ft) :	15.00
Avg. Liquid Height (ft):	7.50
Volume (gallons):	30,000.00
Turnovers:	16.67
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-210 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-210 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	22.1895
Vapor Space Volume (cu ft):	2,067.8194
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8784
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	2,067.8194
Tank Diameter (ft):	18.5000
Vapor Space Outage (ft):	7.6927
Tank Shell Height (ft):	15.0000
Average Liquid Height (ft):	7.5000
Roof Outage (ft):	0.1927
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1927
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	9.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8784
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	7.6927
Working Losses (lb):	73.3280
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	16.6667
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	30,000.0000
Maximum Liquid Height (ft):	15.0000
Tank Diameter (ft):	18.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	95.5175

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-210 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	73.33	22.19	95.52
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.01	0.00	0.01
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Diethyl ether	0.01	0.00	0.01
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.09	0.03	0.12
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.35	0.11	0.46
Methylene chloride	0.21	0.06	0.27
Trichloroethylene	0.00	0.00	0.00
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.21	0.06	0.28
Butanol-(1)	0.00	0.00	0.00
Water	72.43	21.92	94.35

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-220
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-1111 + T-1112 - T-1410 divided by 3

Tank Dimensions

Shell Height (ft):	15.00
Diameter (ft):	18.50
Liquid Height (ft) :	15.00
Avg. Liquid Height (ft):	7.50
Volume (gallons):	30,000.00
Turnovers:	16.67
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-220 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-220 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	22.1895
Vapor Space Volume (cu ft):	2,067.8194
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8784
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	2,067.8194
Tank Diameter (ft):	18.5000
Vapor Space Outage (ft):	7.6927
Tank Shell Height (ft):	15.0000
Average Liquid Height (ft):	7.5000
Roof Outage (ft):	0.1927
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1927
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	9.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8784
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	7.6927
Working Losses (lb):	73.3280
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	16.6667
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	30,000.0000
Maximum Liquid Height (ft):	15.0000
Tank Diameter (ft):	18.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	95.5175

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-220 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	73.33	22.19	95.52
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.01	0.00	0.01
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Diethyl ether	0.01	0.00	0.01
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.09	0.03	0.12
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.35	0.11	0.46
Methylene chloride	0.21	0.06	0.27
Trichloroethylene	0.00	0.00	0.00
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.21	0.06	0.28
Butanol-(1)	0.00	0.00	0.00
Water	72.43	21.92	94.35

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-230
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-1111/1112 - T-1410 divided by 3

Tank Dimensions

Shell Height (ft):	15.00
Diameter (ft):	18.50
Liquid Height (ft) :	15.00
Avg. Liquid Height (ft):	7.50
Volume (gallons):	30,000.00
Turnovers:	16.67
Net Throughput(gal/yr):	500,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-230 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-230 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	22.1895
Vapor Space Volume (cu ft):	2,067.8194
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.8784
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	2,067.8194
Tank Diameter (ft):	18.5000
Vapor Space Outage (ft):	7.6927
Tank Shell Height (ft):	15.0000
Average Liquid Height (ft):	7.5000
Roof Outage (ft):	0.1927
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1927
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	9.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.8784
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	7.6927
Working Losses (lb):	73.3280
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	500,000.0000
Annual Turnovers:	16.6667
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	30,000.0000
Maximum Liquid Height (ft):	15.0000
Tank Diameter (ft):	18.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	95.5175

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-230 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	73.33	22.19	95.52
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.35	0.11	0.46
Methylene chloride	0.21	0.06	0.27
Trichloroethylene	0.00	0.00	0.00
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.01	0.00	0.01
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Diethyl ether	0.01	0.00	0.01
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.09	0.03	0.12
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.21	0.06	0.28
Butanol-(1)	0.00	0.00	0.00
Water	72.43	21.92	94.35

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-1010
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 divided by 2 - GW & Bulk Receipts

Tank Dimensions

Shell Height (ft):	9.00
Diameter (ft):	14.00
Liquid Height (ft) :	9.00
Avg. Liquid Height (ft):	4.50
Volume (gallons):	10,000.00
Turnovers:	60.00
Net Throughput(gal/yr):	600,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-1010 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-1010 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	8.0626
Vapor Space Volume (cu ft):	715.1705
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9229
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	715.1705
Tank Diameter (ft):	14.0000
Vapor Space Outage (ft):	4.6458
Tank Shell Height (ft):	9.0000
Average Liquid Height (ft):	4.5000
Roof Outage (ft):	0.1458
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1458
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	7.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9229
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	4.6458
Working Losses (lb):	58.6624
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	600,000.0000
Annual Turnovers:	60.0000
Turnover Factor:	0.6667
Maximum Liquid Volume (gal):	10,000.0000
Maximum Liquid Height (ft):	9.0000
Tank Diameter (ft):	14.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	66.7250

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-1010 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 1-6 Leachate (Including NAPL)	58.66	8.06	66.72
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.01	0.00	0.01
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Diethyl ether	0.01	0.00	0.01
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.07	0.01	0.08
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.28	0.04	0.32
Methylene chloride	0.16	0.02	0.19
Trichloroethylene	0.00	0.00	0.00
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.17	0.02	0.19
Butanol-(1)	0.00	0.00	0.00
Water	57.95	7.96	65.91

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-1020
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 divided by 2 - GW & Bulk Receipts

Tank Dimensions

Shell Height (ft):	10.00
Diameter (ft):	12.00
Liquid Height (ft) :	10.00
Avg. Liquid Height (ft):	5.00
Volume (gallons):	8,000.00
Turnovers:	75.00
Net Throughput(gal/yr):	600,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-1020 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 1-6 Leachate (Including NAPL)	All	49.26	44.94	53.57	47.70	0.3394	0.3393	0.3396	18.1467			18.04	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0007	0.0048	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Acetonitrile						0.8304	0.7308	0.9411	41.0500	0.0000	0.0000	41.05	Option 2: A=7.119, B=1314.4, C=230
Acrylonitrile						1.0305	0.9070	1.1678	53.0600	0.0000	0.0000	53.06	Option 2: A=7.038, B=1232.53, C=222.47
Aniline						0.0038	0.0031	0.0046	93.1000	0.0000	0.0000	93.10	Option 2: A=7.32, B=1731.515, C=206.049
Benzene						0.8603	0.7574	0.9745	78.1100	0.0000	0.0000	78.11	Option 2: A=6.905, B=1211.033, C=220.79
Butanol-(1)						0.0339	0.0273	0.0418	74.1200	0.0003	0.0000	74.12	Option 2: A=7.4768, B=1362.39, C=178.77
Chlorobenzene						0.0920	0.0788	0.1071	112.6000	0.0000	0.0000	112.60	Option 2: A=6.978, B=1431.05, C=217.55
Chloroform						1.8160	1.6061	2.0475	119.3900	0.0000	0.0000	119.39	Option 2: A=6.493, B=929.44, C=196.03
Cresol (-m)						0.0008	0.0006	0.0010	108.1000	0.0000	0.0000	108.10	Option 2: A=7.508, B=1856.36, C=199.07
Cresol (-o)						0.0010	0.0007	0.0012	108.1400	0.0000	0.0000	108.14	Option 2: A=6.911, B=1435.5, C=165.16
Cresol (-p)						0.0003	0.0002	0.0004	108.1000	0.0000	0.0000	108.10	Option 2: A=7.035, B=1511.08, C=161.85
Cyclohexanone						0.0377	0.0325	0.0437	98.2000	0.0000	0.0000	98.20	Option 2: A=7.8492, B=2137.192, C=273.16
Dichloroethane (1,1)						2.2012	1.9591	2.4780	98.9700	0.0000	0.0000	98.97	Option 1: VP40 = 1.682 VP50 = 2.243
Dichloroethane (1,2)						0.6899	0.6050	0.7847	98.9700	0.0000	0.0000	98.97	Option 2: A=7.025, B=1272.3, C=222.9
Dichloroethylene (-trans-1,2)						3.3324	2.9876	3.7089	96.9500	0.0000	0.0000	96.95	Option 2: A=6.965, B=1141.9, C=231.9
Diethyl ether						5.5303	4.9819	6.1264	74.1200	0.0000	0.0002	74.12	Option 2: A=6.92, B=1064.07, C=228.8
Dimethyl phthalate						0.0000	0.0000	0.0000	194.2000	0.0000	0.0000	194.20	Option 2: A=4.522, B=700.31, C=51.42
Dioxane (1,4)						0.3139	0.2733	0.3597	88.1000	0.0001	0.0001	88.10	Option 2: A=7.431, B=1554.68, C=240.34
Ethyl chloride						13.2558	12.0759	14.5250	64.5200	0.0000	0.0000	64.52	Option 2: A=6.986, B=1030.01, C=238.61
Ethylbenzene						0.0739	0.0630	0.0865	106.1700	0.0000	0.0000	106.17	Option 2: A=6.975, B=1424.255, C=213.21
Iso-butyl alcohol						0.0584	0.0473	0.0717	74.1200	0.0000	0.0000	74.12	Option 2: A=7.30636, B=1236.991, C=171.622
Methyl alcohol						1.0194	0.8825	1.1743	32.0400	0.0010	0.0029	32.04	Option 2: A=7.897, B=1474.08, C=229.13
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0005	0.0013	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0001	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0028	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Pyridine						0.1621	0.1392	0.1881	79.1000	0.0000	0.0000	79.10	Option 2: A=7.041, B=1373.8, C=214.98
Tetrachloroethane (1,1,2,2)						0.0273	0.0225	0.0329	167.8500	0.0000	0.0000	167.85	Option 2: A=6.631, B=1228.1, C=179.9
Tetrachloroethylene						0.1445	0.1243	0.1673	165.8300	0.0000	0.0000	165.83	Option 2: A=6.98, B=1386.92, C=217.53
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Trichloroethane (1,1,1)						1.2296	1.0886	1.3864	133.4200	0.0000	0.0000	133.42	Option 2: A=8.643, B=2136.6, C=302.8
Trichloroethane (1,1,2)						0.1697	0.1456	0.1971	133.4000	0.0000	0.0000	133.40	Option 2: A=6.951, B=1314.41, C=209.2
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Vinylidene chloride						6.3609	5.7519	7.0209	96.5000	0.0000	0.0000	96.50	Option 2: A=6.972, B=1099.4, C=237.2
Water						0.3384	0.3384	0.3384	18.0000	0.9969	0.9878	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-1020 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	6.4829
Vapor Space Volume (cu ft):	579.6238
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9156
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	579.6238
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	5.1250
Tank Shell Height (ft):	10.0000
Average Liquid Height (ft):	5.0000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0004
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3393
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3396
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9156
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3394
Vapor Space Outage (ft):	5.1250
Working Losses (lb):	49.8630
Vapor Molecular Weight (lb/lb-mole):	18.1467
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3394
Annual Net Throughput (gal/yr.):	600,000.0000
Annual Turnovers:	75.0000
Turnover Factor:	0.5667
Maximum Liquid Volume (gal):	8,000.0000
Maximum Liquid Height (ft):	10.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	56.3459

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-1020 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Diethyl ether	0.01	0.00	0.01
Ethylbenzene	0.00	0.00	0.00
Iso-butyl alcohol	0.00	0.00	0.00
Tetrachloroethylene	0.00	0.00	0.00
SLF 1-6 Leachate (Including NAPL)	49.86	6.48	56.35
Trichloroethane (1,1,1)	0.00	0.00	0.00
Trichloroethane (1,1,2)	0.00	0.00	0.00
Dichloroethane (1,1)	0.00	0.00	0.00
Vinylidene chloride	0.00	0.00	0.00
Dichloroethane (1,2)	0.00	0.00	0.00
Dioxane (1,4)	0.00	0.00	0.00
Acetonitrile	0.00	0.00	0.00
Acrylonitrile	0.00	0.00	0.00
Benzene	0.00	0.00	0.00
Chlorobenzene	0.00	0.00	0.00
Ethyl chloride	0.00	0.00	0.00
Chloroform	0.00	0.00	0.00
Toluene	0.00	0.00	0.00
Dichloroethylene (-trans-1,2)	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Cyclohexanone	0.00	0.00	0.00
Tetrachloroethane (1,1,2,2)	0.00	0.00	0.00
Methyl ethyl ketone	0.06	0.01	0.07
Methyl isobutyl ketone	0.00	0.00	0.00
Acetone	0.24	0.03	0.27
Methylene chloride	0.14	0.02	0.16
Trichloroethylene	0.00	0.00	0.00
Cresol (-o)	0.00	0.00	0.00
Cresol (-m)	0.00	0.00	0.00
Cresol (-p)	0.00	0.00	0.00
Aniline	0.00	0.00	0.00
Dimethyl phthalate	0.00	0.00	0.00
Pyridine	0.00	0.00	0.00
Methyl alcohol	0.14	0.02	0.16
Butanol-(1)	0.00	0.00	0.00
Water	49.25	6.40	55.66

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-310
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	38.00
Diameter (ft):	12.00
Liquid Height (ft) :	38.00
Avg. Liquid Height (ft):	19.00
Volume (gallons):	30,457.00
Turnovers:	98.50
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-310 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-310	All	49.26	44.94	53.57	47.70	0.3385	0.3385	0.3385	18.0130			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0001	0.0009	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9998	0.9990	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-310 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	19.4580
Vapor Space Volume (cu ft):	2,162.9865
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.7446
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	2,162.9865
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	19.1250
Tank Shell Height (ft):	38.0000
Average Liquid Height (ft):	19.0000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0130
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.7446
Vapor Pressure at Daily Average Liquid:	
Surface Temperature (psia):	0.3385
Vapor Space Outage (ft):	19.1250
Working Losses (lb):	205.2242
Vapor Molecular Weight (lb/lb-mole):	18.0130
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	98.4995
Turnover Factor:	0.4712
Maximum Liquid Volume (gal):	30,457.0000
Maximum Liquid Height (ft):	38.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	224.6822

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-310 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-310	205.22	19.46	224.68
Acetone	0.18	0.02	0.20
Methylene chloride	0.01	0.00	0.01
Methyl ethyl ketone	0.02	0.00	0.02
Methyl isobutyl ketone	0.00	0.00	0.00
Water	205.01	19.44	224.45

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-320
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	38.00
Diameter (ft):	12.00
Liquid Height (ft) :	38.00
Avg. Liquid Height (ft):	19.00
Volume (gallons):	30,457.00
Turnovers:	98.50
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-320 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-320	All	49.26	44.94	53.57	47.70	0.3385	0.3385	0.3385	18.0144			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0010	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0000	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9998	0.9989	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-320 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	19.4601
Vapor Space Volume (cu ft):	2,162.9865
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.7445
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	2,162.9865
Tank Diameter (ft):	12.0000
Vapor Space Outage (ft):	19.1250
Tank Shell Height (ft):	38.0000
Average Liquid Height (ft):	19.0000
Roof Outage (ft):	0.1250
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.1250
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	6.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0144
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.7445
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3385
Vapor Space Outage (ft):	19.1250
Working Losses (lb):	205.2464
Vapor Molecular Weight (lb/lb-mole):	18.0144
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	98.4995
Turnover Factor:	0.4712
Maximum Liquid Volume (gal):	30,457.0000
Maximum Liquid Height (ft):	38.0000
Tank Diameter (ft):	12.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	224.7065

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-320 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-320	205.25	19.46	224.71
Acetone	0.20	0.02	0.22
Methylene chloride	0.01	0.00	0.01
Methyl ethyl ketone	0.02	0.00	0.02
Methyl isobutyl ketone	0.00	0.00	0.00
Water	205.01	19.44	224.45

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3001
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	7.00
Diameter (ft):	5.50
Liquid Height (ft) :	7.00
Avg. Liquid Height (ft):	3.50
Volume (gallons):	1,255.00
Turnovers:	2,390.44
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3001 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-100 Liquid	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0276			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0002	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0004	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	0.9996	0.9979	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3001 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.9609
Vapor Space Volume (cu ft):	84.5152
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9400
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	84.5152
Tank Diameter (ft):	5.5000
Vapor Space Outage (ft):	3.5573
Tank Shell Height (ft):	7.0000
Average Liquid Height (ft):	3.5000
Roof Outage (ft):	0.0573
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0573
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	2.7500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9400
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	3.5573
Working Losses (lb):	78.1326
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	2,390.4382
Turnover Factor:	0.1792
Maximum Liquid Volume (gal):	1,255.0000
Maximum Liquid Height (ft):	7.0000
Tank Diameter (ft):	5.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	79.0936

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3001 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-100 Liquid	78.13	0.96	79.09
Acetone	0.12	0.00	0.12
Methylene chloride	0.03	0.00	0.03
Methyl ethyl ketone	0.01	0.00	0.01
Trichloroethylene	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Water	77.97	0.96	78.92

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3002
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	5.66
Diameter (ft):	5.00
Liquid Height (ft) :	5.66
Avg. Liquid Height (ft):	2.83
Volume (gallons):	900.00
Turnovers:	3,333.33
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3002 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-100 Liquid	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0276			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0002	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0004	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	0.9996	0.9979	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3002 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.6508
Vapor Space Volume (cu ft):	56.5896
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9508
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	56.5896
Tank Diameter (ft):	5.0000
Vapor Space Outage (ft):	2.8821
Tank Shell Height (ft):	5.6600
Average Liquid Height (ft):	2.8300
Roof Outage (ft):	0.0521
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0521
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	2.5000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9508
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	2.8821
Working Losses (lb):	76.5849
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	3,333.3333
Turnover Factor:	0.1757
Maximum Liquid Volume (gal):	900.0000
Maximum Liquid Height (ft):	5.6600
Tank Diameter (ft):	5.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	77.2358

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3002 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-100 Liquid	76.58	0.65	77.24
Acetone	0.12	0.00	0.12
Methylene chloride	0.03	0.00	0.03
Methyl ethyl ketone	0.01	0.00	0.01
Trichloroethylene	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Water	76.42	0.65	77.07

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3003
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	6.50
Diameter (ft):	5.00
Liquid Height (ft) :	6.50
Avg. Liquid Height (ft):	3.25
Volume (gallons):	954.72
Turnovers:	3,142.28
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3003 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-100 Liquid	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0276			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0002	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0004	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	0.9996	0.9979	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3003 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.7404
Vapor Space Volume (cu ft):	64.8363
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9441
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	64.8363
Tank Diameter (ft):	5.0000
Vapor Space Outage (ft):	3.3021
Tank Shell Height (ft):	6.5000
Average Liquid Height (ft):	3.2500
Roof Outage (ft):	0.0521
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0521
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	2.5000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9441
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	3.3021
Working Losses (lb):	76.8235
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	3,142.2795
Turnover Factor:	0.1762
Maximum Liquid Volume (gal):	954.7209
Maximum Liquid Height (ft):	6.5000
Tank Diameter (ft):	5.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	77.5639

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3003 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-100 Liquid	76.82	0.74	77.56
Acetone	0.12	0.00	0.12
Methylene chloride	0.03	0.00	0.03
Methyl ethyl ketone	0.01	0.00	0.01
Trichloroethylene	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Water	76.66	0.74	77.40

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3009 rev
City:	Buffalo
State:	New York
Company:	CWM Chemical Services, LLC
Type of Tank:	Horizontal Tank
Description:	Horizontal Tank

Tank Dimensions

Shell Length (ft):	16.00
Diameter (ft):	8.00
Volume (gallons):	5,000.00
Turnovers:	60.00
Net Throughput(gal/yr):	300,000.00
Is Tank Heated (y/n):	N
Is Tank Underground (y/n):	N

Paint Characteristics

Shell Color/Shade:	Red/Primer
Shell Condition	Good

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3009 rev - Horizontal Tank
Buffalo, New York

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
Tank 3009	All	58.30	48.11	68.49	52.02	0.3385	0.3385	0.3386	18.0184			18.00	
Acetone						2.8026	2.1379	3.6292	58.0800	0.0002	0.0013	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						1.0299	0.7577	1.3789	72.1000	0.0000	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1998	0.1384	0.2829	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						5.4129	4.2270	6.8607	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9998	0.9985	18.00	Option 1: VP50 = .3383936375 VP60 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3009 rev - Horizontal Tank
Buffalo, New York

Annual Emission Calcaulations

Standing Losses (lb):	14.2473
Vapor Space Volume (cu ft):	512.2597
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0744
Vented Vapor Saturation Factor:	0.9330
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	512.2597
Tank Diameter (ft):	8.0000
Effective Diameter (ft):	12.7694
Vapor Space Outage (ft):	4.0000
Tank Shell Length (ft):	16.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0184
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg. R):	517.9736
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	511.6892
Tank Paint Solar Absorptance (Shell):	0.8900
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0744
Daily Vapor Temperature Range (deg. R):	40.7601
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	517.9736
Daily Min. Liquid Surface Temp. (deg R):	507.7836
Daily Max. Liquid Surface Temp. (deg R):	528.1636
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9330
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3385
Vapor Space Outage (ft):	4.0000
Working Losses (lb):	29.0457
Vapor Molecular Weight (lb/lb-mole):	18.0184
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Annual Net Throughput (gal/yr.):	300,000.0000
Annual Turnovers:	60.0000
Turnover Factor:	0.6667
Tank Diameter (ft):	8.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	43.2930

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3009 rev - Horizontal Tank
Buffalo, New York

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Tank 3009	29.05	14.25	43.29
Methylene chloride	0.00	0.00	0.00
Water	29.00	14.23	43.23
Acetone	0.04	0.02	0.05
Methyl isobutyl ketone	0.00	0.00	0.00
Methyl ethyl ketone	0.00	0.00	0.01

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3011
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	5.00
Diameter (ft):	4.50
Liquid Height (ft) :	5.00
Avg. Liquid Height (ft):	2.50
Volume (gallons):	594.86
Turnovers:	5,043.16
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3011 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-3011	All	49.26	44.94	53.57	47.70	0.3385	0.3385	0.3385	18.0144			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0010	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0000	0.0001	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0001	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Water						0.3384	0.3384	0.3384	18.0000	0.9998	0.9989	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3011 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.4681
Vapor Space Volume (cu ft):	40.5063
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9563
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	40.5063
Tank Diameter (ft):	4.5000
Vapor Space Outage (ft):	2.5469
Tank Shell Height (ft):	5.0000
Average Liquid Height (ft):	2.5000
Roof Outage (ft):	0.0469
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0469
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	2.2500
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0144
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3385
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9563
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3385
Vapor Space Outage (ft):	2.5469
Working Losses (lb):	75.1826
Vapor Molecular Weight (lb/lb-mole):	18.0144
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3385
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	5,043.1646
Turnover Factor:	0.1726
Maximum Liquid Volume (gal):	594.8646
Maximum Liquid Height (ft):	5.0000
Tank Diameter (ft):	4.5000
Working Loss Product Factor:	1.0000
Total Losses (lb):	75.6507

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3011 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-3011	75.18	0.47	75.65
Acetone	0.07	0.00	0.08
Methylene chloride	0.00	0.00	0.00
Methyl ethyl ketone	0.01	0.00	0.01
Methyl isobutyl ketone	0.00	0.00	0.00
Water	75.10	0.47	75.56

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	T-3012
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	T-100 Processing

Tank Dimensions

Shell Height (ft):	5.00
Diameter (ft):	4.00
Liquid Height (ft) :	5.00
Avg. Liquid Height (ft):	2.50
Volume (gallons):	470.02
Turnovers:	6,382.76
Net Throughput(gal/yr):	3,000,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.06

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

T-3012 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
T-100 Liquid	All	49.26	44.94	53.57	47.70	0.3386	0.3385	0.3386	18.0276			18.00	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0015	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0001	0.0002	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methyl isobutyl ketone						0.1444	0.1229	0.1689	100.2000	0.0000	0.0000	100.20	Option 2: A=6.672, B=1168.4, C=191.9
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0000	0.0004	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Trichloroethylene						0.5874	0.5111	0.6729	131.4000	0.0000	0.0000	131.40	Option 2: A=6.518, B=1018.6, C=192.7
Water						0.3384	0.3384	0.3384	18.0000	0.9996	0.9979	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

T-3012 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	0.3695
Vapor Space Volume (cu ft):	31.9395
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9564
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	31.9395
Tank Diameter (ft):	4.0000
Vapor Space Outage (ft):	2.5417
Tank Shell Height (ft):	5.0000
Average Liquid Height (ft):	2.5000
Roof Outage (ft):	0.0417
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0417
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0625
Shell Radius (ft):	2.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0000
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3385
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3386
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9564
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3386
Vapor Space Outage (ft):	2.5417
Working Losses (lb):	74.7103
Vapor Molecular Weight (lb/lb-mole):	18.0276
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3386
Annual Net Throughput (gal/yr.):	3,000,000.0000
Annual Turnovers:	6,382.7552
Turnover Factor:	0.1714
Maximum Liquid Volume (gal):	470.0165
Maximum Liquid Height (ft):	5.0000
Tank Diameter (ft):	4.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	75.0798

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

T-3012 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
T-100 Liquid	74.71	0.37	75.08
Acetone	0.12	0.00	0.12
Methylene chloride	0.03	0.00	0.03
Methyl ethyl ketone	0.01	0.00	0.01
Trichloroethylene	0.00	0.00	0.00
Methyl isobutyl ketone	0.00	0.00	0.00
Water	74.55	0.37	74.92

TANKS 4.0.9d
Emissions Report - Detail Format
Tank Indentification and Physical Characteristics

Identification

User Identification:	Frac Tank #3
City:	Model City
State:	NY
Company:	CWM Chemical Services, LLC
Type of Tank:	Vertical Fixed Roof Tank
Description:	SLF-7 Leachate Processing

Tank Dimensions

Shell Height (ft):	11.00
Diameter (ft):	18.00
Liquid Height (ft) :	11.00
Avg. Liquid Height (ft):	5.50
Volume (gallons):	21,000.00
Turnovers:	2.38
Net Throughput(gal/yr):	50,000.00
Is Tank Heated (y/n):	N

Paint Characteristics

Shell Color/Shade:	White/White
Shell Condition	Good
Roof Color/Shade:	White/White
Roof Condition:	Good

Roof Characteristics

Type:	Cone
Height (ft)	0.00
Slope (ft/ft) (Cone Roof)	0.00

Breather Vent Settings

Vacuum Settings (psig):	-0.03
Pressure Settings (psig)	0.03

Meterological Data used in Emissions Calculations: Buffalo, New York (Avg Atmospheric Pressure = 14.37 psia)

TANKS 4.0.9d
Emissions Report - Detail Format
Liquid Contents of Storage Tank

Frac Tank #3 - Vertical Fixed Roof Tank
Model City, NY

Mixture/Component	Month	Daily Liquid Surf. Temperature (deg F) Avg.	Min.	Max.	Liquid Bulk Temp (deg F)	Vapor Pressure (psia) Avg.	Min.	Max.	Vapor Mol. Weight.	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
SLF 7 Leachate	All	49.26	44.94	53.57	47.70	0.3387	0.3386	0.3387	18.0507			18.01	
Acetone						2.2051	1.9598	2.4754	58.0800	0.0002	0.0012	58.08	Option 2: A=7.117, B=1210.595, C=229.664
Methyl ethyl ketone						0.7848	0.6863	0.8948	72.1000	0.0002	0.0004	72.10	Option 2: A=6.8645, B=1150.207, C=209.246
Methylene chloride						4.3481	3.9050	4.8320	84.9400	0.0002	0.0021	84.94	Option 2: A=7.409, B=1325.9, C=252.6
Toluene						0.2342	0.2030	0.2694	92.1300	0.0000	0.0000	92.13	Option 2: A=6.954, B=1344.8, C=219.48
Water						0.3384	0.3384	0.3384	18.0000	0.9995	0.9963	18.00	Option 1: VP40 = .3383936375 VP50 = .3383936375
Xylenes (mixed isomers)						0.0613	0.0522	0.0718	106.1700	0.0000	0.0000	106.17	Option 2: A=7.009, B=1462.266, C=215.11

TANKS 4.0.9d
Emissions Report - Detail Format
Detail Calculations (AP-42)

Frac Tank #3 - Vertical Fixed Roof Tank
Model City, NY

Annual Emission Calcaulations

Standing Losses (lb):	15.4329
Vapor Space Volume (cu ft):	1,399.5795
Vapor Density (lb/cu ft):	0.0011
Vapor Space Expansion Factor:	0.0297
Vented Vapor Saturation Factor:	0.9102
Tank Vapor Space Volume:	
Vapor Space Volume (cu ft):	1,399.5795
Tank Diameter (ft):	18.0000
Vapor Space Outage (ft):	5.5000
Tank Shell Height (ft):	11.0000
Average Liquid Height (ft):	5.5000
Roof Outage (ft):	0.0000
Roof Outage (Cone Roof)	
Roof Outage (ft):	0.0000
Roof Height (ft):	0.0000
Roof Slope (ft/ft):	0.0000
Shell Radius (ft):	9.0000
Vapor Density	
Vapor Density (lb/cu ft):	0.0011
Vapor Molecular Weight (lb/lb-mole):	18.0507
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg. R):	508.9255
Daily Average Ambient Temp. (deg. F):	47.6792
Ideal Gas Constant R (psia cuft / (lb-mol-deg R)):	10.731
Liquid Bulk Temperature (deg. R):	507.3692
Tank Paint Solar Absorptance (Shell):	0.1700
Tank Paint Solar Absorptance (Roof):	0.1700
Daily Total Solar Insulation Factor (Btu/sqft day):	1,165.4120
Vapor Space Expansion Factor	
Vapor Space Expansion Factor:	0.0297
Daily Vapor Temperature Range (deg. R):	17.2654
Daily Vapor Pressure Range (psia):	0.0001
Breather Vent Press. Setting Range(psia):	0.0600
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Vapor Pressure at Daily Minimum Liquid Surface Temperature (psia):	0.3386
Vapor Pressure at Daily Maximum Liquid Surface Temperature (psia):	0.3387
Daily Avg. Liquid Surface Temp. (deg R):	508.9255
Daily Min. Liquid Surface Temp. (deg R):	504.6092
Daily Max. Liquid Surface Temp. (deg R):	513.2419
Daily Ambient Temp. Range (deg. R):	16.2750
Vented Vapor Saturation Factor	
Vented Vapor Saturation Factor:	0.9102
Vapor Pressure at Daily Average Liquid: Surface Temperature (psia):	0.3387
Vapor Space Outage (ft):	5.5000
Working Losses (lb):	7.2774
Vapor Molecular Weight (lb/lb-mole):	18.0507
Vapor Pressure at Daily Average Liquid Surface Temperature (psia):	0.3387
Annual Net Throughput (gal/yr.):	50,000.0000
Annual Turnovers:	2.3810
Turnover Factor:	1.0000
Maximum Liquid Volume (gal):	21,000.0000
Maximum Liquid Height (ft):	11.0000
Tank Diameter (ft):	18.0000
Working Loss Product Factor:	1.0000
Total Losses (lb):	22.7103

TANKS 4.0.9d
Emissions Report - Detail Format
Individual Tank Emission Totals

Emissions Report for: Annual

Frac Tank #3 - Vertical Fixed Roof Tank
Model City, NY

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
SLF 7 Leachate	7.28	15.43	22.71
Methyl ethyl ketone	0.00	0.01	0.01
Toluene	0.00	0.00	0.00
Xylenes (mixed isomers)	0.00	0.00	0.00
Water	7.25	15.38	22.63
Acetone	0.01	0.02	0.03
Methylene chloride	0.02	0.03	0.05

ATTACHMENT 12

HISTORICAL SAMPLING RESULTS FOR TANKS T-100, T-310 AND T-320

T-310																			
			Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane	Diethyl ether	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	1,1-Dichloroethene	Methylene chloride	Carbon disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Vinyl acetate	2-Butanone	Ethyl acetate
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1304089-03	04/19/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304085-03	04/18/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304080-03	04/17/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304074-03	04/16/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304064-03	04/15/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304063-03	04/14/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304062-03	04/13/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304052-03	04/12/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304045-03	04/11/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304041-03	04/10/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304036-03	04/09/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304027-01	04/08/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-01	04/07/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3930	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304025-01	04/06/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14000	<2500	<2500	<2500	<2500	<2500	<2500	3920	<2500
1304022-01	04/05/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	33400	<2500	3980	<2500	<2500	<2500	<2500	12800	<2500
1304018-01	04/04/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-03	04/03/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304011-03	04/02/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304003-01	04/01/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-01	03/31/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304001-01	03/30/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303133-01	03/28/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-03	03/27/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303119-03	03/26/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303113-01	03/25/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-01	03/24/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303111-01	03/23/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-03	03/22/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303098-03	03/21/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303089-01	03/20/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303083-01	03/19/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303072-01	03/18/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20600	<2500	<2500	<2500	<2500	<2500	<2500	6470	<2500
1303071-01	03/17/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14700	<2500	<2500	<2500	<2500	<2500	<2500	4910	<2500
1303070-01	03/16/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8540	<2500	<2500	<2500	<2500	<2500	<2500	2760	<2500
1303066-01	03/15/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-03	03/14/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1680	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303055-03	03/13/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303052-03	03/12/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303041-01	03/11/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-01	03/10/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-01	03/09/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-01	03/08/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-01	03/07/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-01	03/06/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-03	03/05/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1650	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303011-03	03/04/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303010-03	03/03/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303009-03	03/02/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303002-01	03/01/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303002-04	03/01/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-03	02/28/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	17200	<1000	<1000	<1000	<1000	<1000	<1000	6850	<1000
1302129-01	02/28/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	14000	<1000	<1000	<1000	<1000	<1000	<1000	5490	<1000
1302114-03	02/27/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	23100	<1000	<1000	<1000	<1000	<1000	<1000	9670	<1000
1302109-01	02/26/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3880	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-01	02/25/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2870	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-01	02/25/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4380	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-01	02/23/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-01	02/22/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302090-03	02/21/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1890	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302083-03	02/20/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302076-03	02/19/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302069-01	02/18/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-03	02/17/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302067-03	02/16/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302065-03	02/15/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302059-03	02/14/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302049-03	02/13/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302041-03	02/12/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302032-01	02/11/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-01	02/10/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-01	02/09/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-01	02/08/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1060	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

T-310																			
			Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane	Diethyl ether	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	1,1-Dichloroethene	Methylene chloride	Carbon disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Vinyl acetate	2-Butanone	Ethyl acetate
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1302023-01	02/07/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-03	02/06/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302016-03	02/05/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302009-01	02/04/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-01	02/03/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3220	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302007-01	02/02/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9940	<2500	<2500	<2500	<2500	<2500	<2500	3320	<2500
1302001-03	02/01/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301138-03	01/31/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301126-03	01/30/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301122-03	01/29/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301116-01	01/28/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-01	01/27/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-01	01/26/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-01	01/25/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-03	01/24/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301094-03	01/23/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-01	01/22/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-03	01/21/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3160	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301082-03	01/20/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	5800	<1000	<1000	<1000	<1000	<1000	<1000	1840	<1000
1301081-01	01/19/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-03	01/18/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301066-01	01/17/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-03	01/16/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301053-03	01/15/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301043-01	01/14/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-01	01/13/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301041-01	01/12/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301039-01	01/11/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	26100	<2500	<2500	<2500	<2500	<2500	<2500	5850	<2500
1301035-01	01/10/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	75400 [1]	<2500	<2500	<2500	<2500	<2500	<2500	22800	<2500
1301029-01	01/09/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	7950	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301025-03	01/08/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301018-03	01/07/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301017-01	01/06/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-01	01/05/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-01	01/04/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-01	01/03/13	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-03	01/02/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301001-03	01/01/13	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212125-01	12/31/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212124-01	12/30/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212123-01	12/29/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212121-01	12/28/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212118-01	12/27/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212108-01	12/26/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212107-03	12/25/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212102-01	12/24/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212101-01	12/23/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212100-01	12/22/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-03	12/21/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-03	12/20/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212085-03	12/19/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212075-01	12/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-01	12/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-01	12/16/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-01	12/15/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-01	12/14/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-01	12/13/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-01	12/12/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-03	12/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212033-03	12/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212032-01	12/09/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212031-01	12/08/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212026-01	12/07/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-01	12/06/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-03	12/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212009-01	12/04/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-01	12/03/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-01	12/02/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-01	12/01/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211118-01	11/30/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-01	11/29/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-01	11/28/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-310																			
			Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane	Diethyl ether	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	1,1-Dichloroethene	Methylene chloride	Carbon disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Vinyl acetate	2-Butanone	Ethyl acetate
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1211101-01	11/27/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-03	11/26/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211097-03	11/25/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211096-01	11/24/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211088-01	11/23/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-01	11/22/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-03	11/21/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211079-03	11/20/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211072-01	11/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-01	11/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-01	11/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-01	11/16/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211062-01	11/15/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211056-01	11/14/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211048-01	11/13/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-03	11/12/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211038-03	11/11/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211037-03	11/10/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211033-03	11/09/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211030-01	11/08/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211023-01	11/07/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211020-01	11/06/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211015-03	11/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211014-03	11/04/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211013-03	11/03/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211009-03	11/02/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211004-03	11/01/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210148-03	10/31/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210142-03	10/30/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210132-03	10/29/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210131-03	10/28/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210130-03	10/27/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210126-03	10/26/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210120-03	10/25/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210113-03	10/24/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210109-03	10/23/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210099-01	10/22/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-01	10/21/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-01	10/20/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-01	10/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-01	10/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-01	10/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8950	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210079-03	10/16/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1980	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210071-01	10/15/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-01	10/14/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-01	10/13/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-03	10/12/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210062-03	10/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210056-01	10/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-01	10/09/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-01	10/08/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	12300	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210040-01	10/07/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	19300	<2500	<2500	<2500	<2500	<2500	<2500	2870	<2500
1210039-01	10/06/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-03	10/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210025-01	10/04/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-01	10/03/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-03	10/02/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210003-01	10/01/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-01	09/30/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-01	09/29/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-03	09/28/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209123-03	09/27/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209116-01	09/26/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-01	09/25/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6360	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209105-01	09/24/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	12200	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-01	09/23/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	37100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-01	09/22/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	30700	<2500	<2500	<2500	<2500	<2500	<2500	4860	<2500
1209099-01	09/21/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3200	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209094-03	09/20/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209088-01	09/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-01	09/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-01	09/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-310																			
			Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane	Diethyl ether	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	1,1-Dichloroethene	Methylene chloride	Carbon disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Vinyl acetate	2-Butanone	Ethyl acetate
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1209071-03	09/14/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209063-03	09/13/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209052-03	09/12/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209044-03	09/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209035-03	09/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209034-03	09/09/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209033-03	09/08/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209027-01	09/07/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209018-01	09/06/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-03	09/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-01	09/04/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-01	09/03/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209002-01	09/02/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209001-01	09/01/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208113-03	08/31/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208108-03	08/30/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208104-03	08/29/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208097-03	08/28/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208089-01	08/27/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-01	08/26/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-01	08/25/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-01	08/24/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208079-03	08/23/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208075-03	08/22/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208070-01	08/21/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208065-01	08/20/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208064-01	08/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-01	08/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4570	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208061-01	08/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4170	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-03	08/16/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208053-03	08/15/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208050-01	08/14/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-01	08/13/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-01	08/12/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-01	08/11/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-03	08/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208027-01	08/09/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-03	08/08/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208016-03	08/07/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208013-01	08/06/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-01	08/05/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-01	08/04/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-01	08/03/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-01	08/02/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-01	08/01/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-01	07/31/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-01	07/30/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-01	07/29/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-01	07/28/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-03	07/27/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207100-03	07/26/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-01	07/25/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-01	07/24/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-01	07/23/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-01	07/22/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207087-01	07/21/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	50900 [1]	<2500	<2500	<2500	<2500	<2500	<2500	4810	<2500
1207078-01	07/20/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207071-03	07/19/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207067-03	07/18/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207061-01	07/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207054-01	07/16/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207053-01	07/15/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	79600 [1]	<2500	<2500	<2500	<2500	<2500	<2500	19500	<2500
1207052-01	07/14/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	49600	<2500	<2500	<2500	<2500	<2500	<2500	16300	<2500
1207050-03	07/13/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207045-03	07/12/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207035-03	07/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207030-01	07/10/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-01	07/09/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-01	07/08/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-01	07/07/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	17400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-01	07/06/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4970	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207016-01	07/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

T-310																			
			Chloromethane	Vinyl chloride	Bromomethane	Chloroethane	Trichlorofluoromethane	Diethyl ether	1,1,2-Trichloro-1,2,2-trifluoroethane	Acetone	1,1-Dichloroethene	Methylene chloride	Carbon disulfide	trans-1,2-Dichloroethene	1,1-Dichloroethane	Vinyl acetate	2-Butanone	Ethyl acetate
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1205138-01	05/25/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205131-01	05/24/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205124-03	05/23/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205117-03	05/22/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205105-01	05/21/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205104-01	05/20/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205103-01	05/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205101-01	05/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205097-03	05/17/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205090-03	05/16/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205084-03	05/15/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205074-03	05/14/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205073-03	05/13/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205072-03	05/12/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205067-03	05/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205059-03	05/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205049-01	05/09/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205044-01	05/08/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205036-01	05/07/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205035-01	05/06/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205034-03	05/05/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205028-03	05/04/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205022-03	05/03/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205013-03	05/02/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205001-03	05/01/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204137-03	04/30/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204136-03	04/29/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204135-01	04/28/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204130-01	04/27/12	T-310 EFFLUENT	<2500	<2500	49100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11800	<2500
1204125-01	04/26/12	T-310 EFFLUENT	<2500	<2500	80400 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20400	<2500
1204117-03	04/25/12	T-310 EFFLUENT	<2500	<2500	77100 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20300	<2500
1204111-01	04/24/12	T-310 EFFLUENT	<2500	<2500	89000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	22500	<2500
1204102-01	04/23/12	T-310 EFFLUENT	<2500	<2500	91800 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	24100	<2500
1204101-01	04/22/12	T-310 EFFLUENT	<2500	<2500	112000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	30200	<2500
1204100-01	04/21/12	T-310 EFFLUENT	<2500	<2500	97900 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	26000	<2500
1204096-01	04/20/12	T-310 EFFLUENT	<2500	<2500	120000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	30700	<2500
1204090-01	04/19/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	125000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	34300	<2500
1204084-01	04/18/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	135000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	41000	<2500
1204078-01	04/17/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	85000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	25200	<2500
1204064-03	04/16/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204063-03	04/15/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204062-03	04/14/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204057-03	04/13/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204049-03	04/12/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204044-01	04/11/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204039-01	04/10/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204028-01	04/09/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204027-01	04/08/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	34900	<2500	<2500	<2500	<2500	<2500	<2500	8020	<2500
1204026-01	04/07/12	T-310 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	42900	<2500	<2500	<2500	<2500	<2500	<2500	10000	<2500
1204023-01	04/06/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	73000 [1]	<1000	<1000	<1000	<1000	<1000	<1000	15100	<1000
1204020-01	04/05/12	T-310 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	10400	<1000	<1000	<1000	<1000	<1000	<1000	2660	<1000
1204016-03	04/04/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204013-03	04/03/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204003-01	04/02/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204002-01	04/01/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204001-01	03/31/12	T-310 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

T-310																		
			Chloroform	1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane
SAMPLE ID	DATE		ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L
1304089-03	04/19/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1304085-03	04/18/13	T-310 EFFLUENT	<1000	<1000	<1000	94.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.6%	<1000	<1000	<1000
1304080-03	04/17/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1304074-03	04/16/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1304064-03	04/15/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1304063-03	04/14/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1304062-03	04/13/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1304052-03	04/12/13	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1304045-03	04/11/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1304041-03	04/10/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1304036-03	04/09/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1304027-01	04/08/13	T-310 EFFLUENT	<2500	<2500	<2500	98.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1304026-01	04/07/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1304025-01	04/06/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1304022-01	04/05/13	T-310 EFFLUENT	<2500	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1304018-01	04/04/13	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1304014-03	04/03/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1304011-03	04/02/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1304003-01	04/01/13	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1304002-01	03/31/13	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1304001-01	03/30/13	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500
1303133-01	03/28/13	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500
1303123-03	03/27/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1303119-03	03/26/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1303113-01	03/25/13	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500
1303112-01	03/24/13	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500
1303111-01	03/23/13	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1303105-03	03/22/13	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1303098-03	03/21/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1303089-01	03/20/13	T-310 EFFLUENT	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1303083-01	03/19/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1303072-01	03/18/13	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1303071-01	03/17/13	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1303070-01	03/16/13	T-310 EFFLUENT	<2500	<2500	<2500	99.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1303066-01	03/15/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500
1303061-03	03/14/13	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1303055-03	03/13/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1303052-03	03/12/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1303041-01	03/11/13	T-310 EFFLUENT	<2500	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1303040-01	03/10/13	T-310 EFFLUENT	<2500	<2500	<2500	117%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	109%	<2500	<2500	<2500
1303039-01	03/09/13	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1303037-01	03/08/13	T-310 EFFLUENT	<2500	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	109%	<2500	<2500	<2500
1303031-01	03/07/13	T-310 EFFLUENT	<2500	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500
1303025-01	03/06/13	T-310 EFFLUENT	<2500	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500
1303019-03	03/05/13	T-310 EFFLUENT	<1000	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000
1303011-03	03/04/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1303010-03	03/03/13	T-310 EFFLUENT	<1000	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1303009-03	03/02/13	T-310 EFFLUENT	<1000	<1000	<1000	113%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	109%	<1000	<1000	<1000
1303002-01	03/01/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500
1303002-04	03/01/13	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500
1302122-03	02/28/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	1310	<1000	104%	<1000	<1000	<1000
1302129-01	02/28/13	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1302114-03	02/27/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	1760	<1000	105%	<1000	<1000	<1000
1302109-01	02/26/13	T-310 EFFLUENT	<2500	<2500	<2500	93.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.5%	<2500	<2500	<2500
1302098-01	02/25/13	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500
1302099-01	02/25/13	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1302097-01	02/23/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500
1302094-01	02/22/13	T-310 EFFLUENT	<2500	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1302090-03	02/21/13	T-310 EFFLUENT	<1000	<1000	<1000	112%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1302083-03	02/20/13	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1302076-03	02/19/13	T-310 EFFLUENT	<1000	<1000	<1000	112%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1302069-01	02/18/13	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1302068-03	02/17/13	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1302067-03	02/16/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1302065-03	02/15/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1302059-03	02/14/13	T-310 EFFLUENT	<1000	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000
1302049-03	02/13/13	T-310 EFFLUENT	<1000	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1302041-03	02/12/13	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1302032-01	02/11/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1302031-01	02/10/13	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1302030-01	02/09/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1302025-01	02/08/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000

T-310																		
			Chloroform	1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane
SAMPLE ID	DATE		ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L
1302023-01	02/07/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500
1302019-03	02/06/13	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1302016-03	02/05/13	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1302009-01	02/04/13	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1302008-01	02/03/13	T-310 EFFLUENT	<2500	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1302007-01	02/02/13	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1302001-03	02/01/13	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1301138-03	01/31/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1301126-03	01/30/13	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1301122-03	01/29/13	T-310 EFFLUENT	<1000	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1301116-01	01/28/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1301115-01	01/27/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1301114-01	01/26/13	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1301108-01	01/25/13	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1301105-03	01/24/13	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1301094-03	01/23/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1301090-01	01/22/13	T-310 EFFLUENT	<2500	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1301083-03	01/21/13	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1301082-03	01/20/13	T-310 EFFLUENT	<1000	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1301081-01	01/19/13	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1301072-03	01/18/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1301066-01	01/17/13	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500
1301061-03	01/16/13	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1301053-03	01/15/13	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1301043-01	01/14/13	T-310 EFFLUENT	<2500	<2500	<2500	94.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.2%	<2500	<2500	<2500
1301042-01	01/13/13	T-310 EFFLUENT	<2500	<2500	<2500	96.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500
1301041-01	01/12/13	T-310 EFFLUENT	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.3%	<2500	<2500	<2500
1301039-01	01/11/13	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1301035-01	01/10/13	T-310 EFFLUENT	<2500	<2500	<2500	93.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.6%	<2500	<2500	<2500
1301029-01	01/09/13	T-310 EFFLUENT	<2500	<2500	<2500	96.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1301025-03	01/08/13	T-310 EFFLUENT	<1000	<1000	<1000	99.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.6%	<1000	<1000	<1000
1301018-03	01/07/13	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1301017-01	01/06/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1301016-01	01/05/13	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1301015-01	01/04/13	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.3%	<2500	<2500	<2500
1301007-01	01/03/13	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1301002-03	01/02/13	T-310 EFFLUENT	<1000	<1000	<1000	98.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.2%	<1000	<1000	<1000
1301001-03	01/01/13	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000
1212125-01	12/31/12	T-310 EFFLUENT	<1000	<1000	<1000	98.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.9%	<1000	<1000	<1000
1212124-01	12/30/12	T-310 EFFLUENT	<1000	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1212123-01	12/29/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1212121-01	12/28/12	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	109%	<1000	<1000	<1000
1212118-01	12/27/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1212108-01	12/26/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000
1212107-03	12/25/12	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1212102-01	12/24/12	T-310 EFFLUENT	<1000	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	110%	<1000	<1000	<1000
1212101-01	12/23/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1212100-01	12/22/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1212097-03	12/21/12	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1212092-03	12/20/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1212085-03	12/19/12	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1212075-01	12/18/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1212067-01	12/17/12	T-310 EFFLUENT	<2500	<2500	<2500	99.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.1%	<2500	<2500	<2500
1212068-01	12/16/12	T-310 EFFLUENT	<2500	<2500	<2500	97.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.8%	<2500	<2500	<2500
1212069-01	12/15/12	T-310 EFFLUENT	<2500	<2500	<2500	95.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.5%	<2500	<2500	<2500
1212060-01	12/14/12	T-310 EFFLUENT	<2500	<2500	<2500	92.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.7%	<2500	<2500	<2500
1212053-01	12/13/12	T-310 EFFLUENT	<2500	<2500	<2500	97.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500
1212044-01	12/12/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500
1212040-03	12/11/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.6%	<1000	<1000	<1000
1212033-03	12/10/12	T-310 EFFLUENT	<1000	<1000	<1000	98.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.7%	<1000	<1000	<1000
1212032-01	12/09/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.0%	<1000	<1000	<1000
1212031-01	12/08/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.1%	<1000	<1000	<1000
1212026-01	12/07/12	T-310 EFFLUENT	<2500	<2500	<2500	98.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.5%	<2500	<2500	<2500
1212022-01	12/06/12	T-310 EFFLUENT	<2500	<2500	<2500	94.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.5%	<2500	<2500	<2500
1212015-03	12/05/12	T-310 EFFLUENT	<1000	<1000	<1000	99.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.1%	<1000	<1000	<1000
1212009-01	12/04/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.4%	<2500	<2500	<2500
1212003-01	12/03/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500
1212002-01	12/02/12	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1212001-01	12/01/12	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1211118-01	11/30/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1211111-01	11/29/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1211108-01	11/28/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500

T-310																		
			Chloroform	1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane
SAMPLE ID	DATE		ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L
1211101-01	11/27/12	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1211095-03	11/26/12	T-310 EFFLUENT	<1000	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1211097-03	11/25/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1211096-01	11/24/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1211088-01	11/23/12	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1211087-01	11/22/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1211084-03	11/21/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1211079-03	11/20/12	T-310 EFFLUENT	<1000	<1000	<1000	96.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.6%	<1000	<1000	<1000
1211072-01	11/19/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.5%	<2500	<2500	<2500
1211071-01	11/18/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500
1211070-01	11/17/12	T-310 EFFLUENT	<2500	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.0%	<2500	<2500	<2500
1211066-01	11/16/12	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1211062-01	11/15/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1211056-01	11/14/12	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500
1211048-01	11/13/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1211039-03	11/12/12	T-310 EFFLUENT	<500	<500	<500	103%	<500	<500	<500	<500	<500	<500	<500	<500	104%	<500	<500	<500
1211038-03	11/11/12	T-310 EFFLUENT	<500	<500	<500	101%	<500	<500	<500	<500	<500	<500	<500	<500	98.9%	<500	<500	<500
1211037-03	11/10/12	T-310 EFFLUENT	<500	<500	<500	101%	<500	<500	<500	<500	<500	<500	<500	<500	102%	<500	<500	<500
1211033-03	11/09/12	T-310 EFFLUENT	<500	<500	<500	107%	<500	<500	<500	<500	<500	<500	<500	<500	108%	<500	<500	<500
1211030-01	11/08/12	T-310 EFFLUENT	<500	<500	<500	108%	<500	<500	<500	<500	<500	<500	<500	<500	110%	<500	<500	<500
1211023-01	11/07/12	T-310 EFFLUENT	<500	<500	<500	99.9%	<500	<500	<500	<500	<500	<500	<500	<500	101%	<500	<500	<500
1211020-01	11/06/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1211015-03	11/05/12	T-310 EFFLUENT	<1000	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000
1211014-03	11/04/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000
1211013-03	11/03/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000
1211009-03	11/02/12	T-310 EFFLUENT	<1000	<1000	<1000	97.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1211004-03	11/01/12	T-310 EFFLUENT	<1000	<1000	<1000	89.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	92.1%	<1000	<1000	<1000
1210148-03	10/31/12	T-310 EFFLUENT	<1000	<1000	<1000	95.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.5%	<1000	<1000	<1000
1210142-03	10/30/12	T-310 EFFLUENT	<1000	<1000	<1000	96.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.5%	<1000	<1000	<1000
1210132-03	10/29/12	T-310 EFFLUENT	<1000	<1000	<1000	92.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.5%	<1000	<1000	<1000
1210131-03	10/28/12	T-310 EFFLUENT	<1000	<1000	<1000	94.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.4%	<1000	<1000	<1000
1210130-03	10/27/12	T-310 EFFLUENT	<1000	<1000	<1000	93.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.2%	<1000	<1000	<1000
1210126-03	10/26/12	T-310 EFFLUENT	<1000	<1000	<1000	96.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.9%	<1000	<1000	<1000
1210120-03	10/25/12	T-310 EFFLUENT	<1000	<1000	<1000	94.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.8%	<1000	<1000	<1000
1210113-03	10/24/12	T-310 EFFLUENT	<1000	<1000	<1000	92.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	92.3%	<1000	<1000	<1000
1210109-03	10/23/12	T-310 EFFLUENT	<1000	<1000	<1000	94.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.7%	<1000	<1000	<1000
1210099-01	10/22/12	T-310 EFFLUENT	<2500	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1210098-01	10/21/12	T-310 EFFLUENT	<2500	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500
1210097-01	10/20/12	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500
1210092-01	10/19/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1210087-01	10/18/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1210082-01	10/17/12	T-310 EFFLUENT	<2500	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1210079-03	10/16/12	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.8%	<1000	<1000	<1000
1210071-01	10/15/12	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500
1210070-01	10/14/12	T-310 EFFLUENT	<2500	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1210069-01	10/13/12	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.1%	<2500	<2500	<2500
1210067-03	10/12/12	T-310 EFFLUENT	<1000	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.7%	<1000	<1000	<1000
1210062-03	10/11/12	T-310 EFFLUENT	<1000	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1210056-01	10/10/12	T-310 EFFLUENT	<1000	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1210050-01	10/09/12	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500
1210041-01	10/08/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500
1210040-01	10/07/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.3%	<2500	<2500	<2500
1210039-01	10/06/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.3%	<2500	<2500	<2500
1210032-03	10/05/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.2%	<1000	<1000	<1000
1210025-01	10/04/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.3%	<2500	<2500	<2500
1210020-01	10/03/12	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1210015-03	10/02/12	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000
1210003-01	10/01/12	T-310 EFFLUENT	<1000	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.3%	<1000	<1000	<1000
1210002-01	09/30/12	T-310 EFFLUENT	<1000	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1210001-01	09/29/12	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500
1209126-03	09/28/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1209123-03	09/27/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.1%	<1000	<1000	<1000
1209116-01	09/26/12	T-310 EFFLUENT	<2500	<2500	<2500	93.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.0%	<2500	<2500	<2500
1209112-01	09/25/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.0%	<2500	<2500	<2500
1209105-01	09/24/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500
1209104-01	09/23/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1209103-01	09/22/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1209099-01	09/21/12	T-310 EFFLUENT	<2500	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.4%	<2500	<2500	<2500
1209094-03	09/20/12	T-310 EFFLUENT	<1000	<1000	<1000	98.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.2%	<1000	<1000	<1000
1209088-01	09/19/12	T-310 EFFLUENT	<2500	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1209083-01	09/18/12	T-310 EFFLUENT	<2500	<2500	<2500	94.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.3%	<2500	<2500	<2500
1209075-01	09/17/12	T-310 EFFLUENT	<2500	<2500	<2500	93.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500

T-310																		
			Chloroform	1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane
SAMPLE ID	DATE		ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L
1209071-03	09/14/12	T-310 EFFLUENT	<1000	<1000	<1000	90.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.0%	<1000	<1000	<1000
1209063-03	09/13/12	T-310 EFFLUENT	<1000	<1000	<1000	86.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.0%	<1000	<1000	<1000
1209052-03	09/12/12	T-310 EFFLUENT	<1000	<1000	<1000	88.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	91.9%	<1000	<1000	<1000
1209044-03	09/11/12	T-310 EFFLUENT	<1000	<1000	<1000	96.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000
1209035-03	09/10/12	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.8%	<1000	<1000	<1000
1209034-03	09/09/12	T-310 EFFLUENT	<1000	<1000	<1000	91.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.1%	<1000	<1000	<1000
1209033-03	09/08/12	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.6%	<1000	<1000	<1000
1209027-01	09/07/12	T-310 EFFLUENT	<1000	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.5%	<1000	<1000	<1000
1209018-01	09/06/12	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.9%	<1000	<1000	<1000
1209013-03	09/05/12	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.9%	<1000	<1000	<1000
1209004-01	09/04/12	T-310 EFFLUENT	<1000	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.9%	<1000	<1000	<1000
1209003-01	09/03/12	T-310 EFFLUENT	<1000	<1000	<1000	98.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.0%	<1000	<1000	<1000
1209002-01	09/02/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.0%	<1000	<1000	<1000
1209001-01	09/01/12	T-310 EFFLUENT	<1000	<1000	<1000	99.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.9%	<1000	<1000	<1000
1208113-03	08/31/12	T-310 EFFLUENT	<1000	<1000	<1000	98.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.6%	<1000	<1000	<1000
1208108-03	08/30/12	T-310 EFFLUENT	<1000	<1000	<1000	93.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	91.9%	<1000	<1000	<1000
1208104-03	08/29/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.9%	<1000	<1000	<1000
1208097-03	08/28/12	T-310 EFFLUENT	<1000	<1000	<1000	91.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	91.1%	<1000	<1000	<1000
1208089-01	08/27/12	T-310 EFFLUENT	<2500	<2500	<2500	94.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1208088-01	08/26/12	T-310 EFFLUENT	<2500	<2500	<2500	95.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1208087-01	08/25/12	T-310 EFFLUENT	<2500	<2500	<2500	87.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.3%	<2500	<2500	<2500
1208081-01	08/24/12	T-310 EFFLUENT	<2500	<2500	<2500	92.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1208079-03	08/23/12	T-310 EFFLUENT	<1000	<1000	<1000	95.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1208075-03	08/22/12	T-310 EFFLUENT	<1000	<1000	<1000	90.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1208070-01	08/21/12	T-310 EFFLUENT	<1000	<1000	<1000	97.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.8%	<1000	<1000	<1000
1208065-01	08/20/12	T-310 EFFLUENT	<2500	<2500	<2500	97.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1208064-01	08/19/12	T-310 EFFLUENT	<2500	<2500	<2500	99.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1208063-01	08/18/12	T-310 EFFLUENT	<2500	<2500	<2500	93.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500
1208061-01	08/17/12	T-310 EFFLUENT	<2500	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500
1208057-03	08/16/12	T-310 EFFLUENT	<1000	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1208053-03	08/15/12	T-310 EFFLUENT	<1000	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1208050-01	08/14/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.5%	<2500	<2500	<2500
1208046-01	08/13/12	T-310 EFFLUENT	<2500	<2500	<2500	98.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500
1208045-01	08/12/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1208044-01	08/11/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1208040-03	08/10/12	T-310 EFFLUENT	<1000	<1000	<1000	99.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1208027-01	08/09/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500
1208022-03	08/08/12	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1208016-03	08/07/12	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1208013-01	08/06/12	T-310 EFFLUENT	<2500	<2500	<2500	98.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.4%	<2500	<2500	<2500
1208012-01	08/05/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500
1208011-01	08/04/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1208009-01	08/03/12	T-310 EFFLUENT	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1208004-01	08/02/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500
1208001-01	08/01/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1207110-01	07/31/12	T-310 EFFLUENT	<2500	<2500	<2500	85.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.6%	<2500	<2500	<2500
1207106-01	07/30/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500
1207105-01	07/29/12	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1207104-01	07/28/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500
1207102-03	07/27/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1207100-03	07/26/12	T-310 EFFLUENT	<2500	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.5%	<2500	<2500	<2500
1207095-01	07/25/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.7%	<2500	<2500	<2500
1207091-01	07/24/12	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.7%	<2500	<2500	<2500
1207085-01	07/23/12	T-310 EFFLUENT	<2500	<2500	<2500	115% [3]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.3%	<2500	<2500	<2500
1207086-01	07/22/12	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.8%	<2500	<2500	<2500
1207087-01	07/21/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.3%	<2500	<2500	<2500
1207078-01	07/20/12	T-310 EFFLUENT	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.2%	<2500	<2500	<2500
1207071-03	07/19/12	T-310 EFFLUENT	<1000	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.9%	<1000	<1000	<1000
1207067-03	07/18/12	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.7%	<1000	<1000	<1000
1207061-01	07/17/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.2%	<2500	<2500	<2500
1207054-01	07/16/12	T-310 EFFLUENT	<2500	<2500	<2500	91.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.3%	<2500	<2500	<2500
1207053-01	07/15/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.4%	<2500	<2500	<2500
1207052-01	07/14/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500
1207050-03	07/13/12	T-310 EFFLUENT	<1000	<1000	<1000	95.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.4%	<1000	<1000	<1000
1207045-03	07/12/12	T-310 EFFLUENT	<1000	<1000	<1000	94.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.3%	<1000	<1000	<1000
1207035-03	07/11/12	T-310 EFFLUENT	<1000	<1000	<1000	89.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	92.9%	<1000	<1000	<1000
1207030-01	07/10/12	T-310 EFFLUENT	<2500	<2500	<2500	91.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.1%	<2500	<2500	<2500
1207022-01	07/09/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.8%	<2500	<2500	<2500
1207023-01	07/08/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500
1207024-01	07/07/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.6%	<2500	<2500	<2500
1207018-01	07/06/12	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.0%	<1000	<1000	<1000
1207016-01	07/05/12	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.6%	<1000	<1000	<1000

T-310																		
			Chloroform	1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane
SAMPLE ID	DATE		ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L
1205138-01	05/25/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.2%	<2500	<2500	<2500
1205131-01	05/24/12	T-310 EFFLUENT	<1000	<1000	<1000	98.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.3%	<1000	<1000	<1000
1205124-03	05/23/12	T-310 EFFLUENT	<1000	<1000	<1000	98.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.1%	<1000	<1000	<1000
1205117-03	05/22/12	T-310 EFFLUENT	<1000	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.2%	<1000	<1000	<1000
1205105-01	05/21/12	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1205104-01	05/20/12	T-310 EFFLUENT	<2500	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.5%	<2500	<2500	<2500
1205103-01	05/19/12	T-310 EFFLUENT	<2500	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500
1205101-01	05/18/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500
1205097-03	05/17/12	T-310 EFFLUENT	<1000	<1000	<1000	86.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.9%	<1000	<1000	<1000
1205090-03	05/16/12	T-310 EFFLUENT	<1000	<1000	<1000	91.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.8%	<1000	<1000	<1000
1205084-03	05/15/12	T-310 EFFLUENT	<1000	<1000	<1000	91.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000
1205074-03	05/14/12	T-310 EFFLUENT	<1000	<1000	<1000	90.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.6%	<1000	<1000	<1000
1205073-03	05/13/12	T-310 EFFLUENT	<1000	<1000	<1000	88.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.4%	<1000	<1000	<1000
1205072-03	05/12/12	T-310 EFFLUENT	<1000	<1000	<1000	89.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.3%	<1000	<1000	<1000
1205067-03	05/11/12	T-310 EFFLUENT	<1000	<1000	<1000	92.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.0%	<1000	<1000	<1000
1205059-03	05/10/12	T-310 EFFLUENT	<1000	<1000	<1000	95.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.6%	<1000	<1000	<1000
1205049-01	05/09/12	T-310 EFFLUENT	<1000	<1000	<1000	92.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.1%	<1000	<1000	<1000
1205044-01	05/08/12	T-310 EFFLUENT	<1000	<1000	<1000	96.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.7%	<1000	<1000	<1000
1205036-01	05/07/12	T-310 EFFLUENT	<2500	<2500	<2500	93.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1205035-01	05/06/12	T-310 EFFLUENT	<1000	<1000	<1000	96.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.7%	<1000	<1000	<1000
1205034-03	05/05/12	T-310 EFFLUENT	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.3%	<2500	<2500	<2500
1205028-03	05/04/12	T-310 EFFLUENT	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500
1205022-03	05/03/12	T-310 EFFLUENT	<1000	<1000	<1000	94.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.8%	<1000	<1000	<1000
1205013-03	05/02/12	T-310 EFFLUENT	<1000	<1000	<1000	99.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000
1205001-03	05/01/12	T-310 EFFLUENT	<1000	<1000	<1000	91.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.3%	<1000	<1000	<1000
1204137-03	04/30/12	T-310 EFFLUENT	<1000	<1000	<1000	97.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000
1204136-03	04/29/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000
1204135-01	04/28/12	T-310 EFFLUENT	<2500	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1204130-01	04/27/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1204125-01	04/26/12	T-310 EFFLUENT	<2500	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500
1204117-03	04/25/12	T-310 EFFLUENT	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.2%	<2500	<2500	<2500
1204111-01	04/24/12	T-310 EFFLUENT	<2500	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1204102-01	04/23/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500
1204101-01	04/22/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1204100-01	04/21/12	T-310 EFFLUENT	<2500	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1204096-01	04/20/12	T-310 EFFLUENT	<2500	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500
1204090-01	04/19/12	T-310 EFFLUENT	<2500	<2500	<2500	97.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500
1204084-01	04/18/12	T-310 EFFLUENT	<2500	<2500	<2500	98.1%	<2500	<2500	<2500	<2500	<2500	<2500	3250	<2500	98.6%	<2500	<2500	<2500
1204078-01	04/17/12	T-310 EFFLUENT	<2500	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500
1204064-03	04/16/12	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1204063-03	04/15/12	T-310 EFFLUENT	<1000	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000
1204062-03	04/14/12	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000
1204057-03	04/13/12	T-310 EFFLUENT	<500	<500	<500	103%	<500	<500	<500	<500	<500	<500	<500	<500	104%	<500	<500	<500
1204049-03	04/12/12	T-310 EFFLUENT	<500	<500	<500	99.2%	<500	<500	<500	<500	<500	<500	<500	<500	101%	<500	<500	<500
1204044-01	04/11/12	T-310 EFFLUENT	<1000	<1000	<1000	96.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.8%	<1000	<1000	<1000
1204039-01	04/10/12	T-310 EFFLUENT	<1000	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1204028-01	04/09/12	T-310 EFFLUENT	<2500	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500
1204027-01	04/08/12	T-310 EFFLUENT	<2500	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1204026-01	04/07/12	T-310 EFFLUENT	<2500	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500
1204023-01	04/06/12	T-310 EFFLUENT	<1000	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	1470	<1000	98.6%	<1000	<1000	<1000
1204020-01	04/05/12	T-310 EFFLUENT	<1000	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000
1204016-03	04/04/12	T-310 EFFLUENT	<500	<500	<500	108%	<500	<500	<500	<500	<500	<500	<500	<500	104%	<500	<500	<500
1204013-03	04/03/12	T-310 EFFLUENT	<500	<500	<500	103%	<500	<500	<500	<500	<500	<500	<500	<500	99.3%	<500	<500	<500
1204003-01	04/02/12	T-310 EFFLUENT	<500	<500	<500	101%	<500	<500	<500	<500	<500	<500	<500	<500	101%	<500	<500	<500
1204002-01	04/01/12	T-310 EFFLUENT	<500	<500	<500	100%	<500	<500	<500	<500	<500	<500	<500	<500	98.7%	<500	<500	<500
1204001-01	03/31/12	T-310 EFFLUENT	<500	<500	<500	106%	<500	<500	<500	<500	<500	<500	<500	<500	102%	<500	<500	<500

T-310															
			4-Bromofluorobenzene	2-Hexanone	Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1304089-03	04/19/13	T-310 EFFLUENT	97.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304085-03	04/18/13	T-310 EFFLUENT	95.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304080-03	04/17/13	T-310 EFFLUENT	96.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304074-03	04/16/13	T-310 EFFLUENT	95.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304064-03	04/15/13	T-310 EFFLUENT	99.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304063-03	04/14/13	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304062-03	04/13/13	T-310 EFFLUENT	98.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304052-03	04/12/13	T-310 EFFLUENT	96.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304045-03	04/11/13	T-310 EFFLUENT	99.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304041-03	04/10/13	T-310 EFFLUENT	104%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304036-03	04/09/13	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304027-01	04/08/13	T-310 EFFLUENT	97.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-01	04/07/13	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304025-01	04/06/13	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304022-01	04/05/13	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304018-01	04/04/13	T-310 EFFLUENT	99.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-03	04/03/13	T-310 EFFLUENT	99.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304011-03	04/02/13	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304003-01	04/01/13	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-01	03/31/13	T-310 EFFLUENT	96.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304001-01	03/30/13	T-310 EFFLUENT	96.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303133-01	03/28/13	T-310 EFFLUENT	103%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-03	03/27/13	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303119-03	03/26/13	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303113-01	03/25/13	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-01	03/24/13	T-310 EFFLUENT	104%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303111-01	03/23/13	T-310 EFFLUENT	99.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-03	03/22/13	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303098-03	03/21/13	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303089-01	03/20/13	T-310 EFFLUENT	96.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303083-01	03/19/13	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303072-01	03/18/13	T-310 EFFLUENT	98.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303071-01	03/17/13	T-310 EFFLUENT	98.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303070-01	03/16/13	T-310 EFFLUENT	97.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303066-01	03/15/13	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-03	03/14/13	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303055-03	03/13/13	T-310 EFFLUENT	107%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303052-03	03/12/13	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303041-01	03/11/13	T-310 EFFLUENT	97.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-01	03/10/13	T-310 EFFLUENT	103%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-01	03/09/13	T-310 EFFLUENT	98.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-01	03/08/13	T-310 EFFLUENT	104%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-01	03/07/13	T-310 EFFLUENT	103%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-01	03/06/13	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-03	03/05/13	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303011-03	03/04/13	T-310 EFFLUENT	99.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303010-03	03/03/13	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303009-03	03/02/13	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303002-01	03/01/13	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303002-04	03/01/13	T-310 EFFLUENT	103%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-03	02/28/13	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302129-01	02/28/13	T-310 EFFLUENT	99.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302114-03	02/27/13	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302109-01	02/26/13	T-310 EFFLUENT	96.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-01	02/25/13	T-310 EFFLUENT	95.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-01	02/25/13	T-310 EFFLUENT	97.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-01	02/23/13	T-310 EFFLUENT	96.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-01	02/22/13	T-310 EFFLUENT	96.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302090-03	02/21/13	T-310 EFFLUENT	98.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302083-03	02/20/13	T-310 EFFLUENT	97.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302076-03	02/19/13	T-310 EFFLUENT	98.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302069-01	02/18/13	T-310 EFFLUENT	92.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-03	02/17/13	T-310 EFFLUENT	96.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302067-03	02/16/13	T-310 EFFLUENT	93.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302065-03	02/15/13	T-310 EFFLUENT	98.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302059-03	02/14/13	T-310 EFFLUENT	95.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302049-03	02/13/13	T-310 EFFLUENT	97.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302041-03	02/12/13	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302032-01	02/11/13	T-310 EFFLUENT	92.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-01	02/10/13	T-310 EFFLUENT	91.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-01	02/09/13	T-310 EFFLUENT	94.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-01	02/08/13	T-310 EFFLUENT	98.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000

T-310															
			4-Bromofluorobenzene	2-Hexanone	Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1302023-01	02/07/13	T-310 EFFLUENT	97.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-03	02/06/13	T-310 EFFLUENT	98.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302016-03	02/05/13	T-310 EFFLUENT	95.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302009-01	02/04/13	T-310 EFFLUENT	97.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-01	02/03/13	T-310 EFFLUENT	96.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302007-01	02/02/13	T-310 EFFLUENT	95.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302001-03	02/01/13	T-310 EFFLUENT	95.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301138-03	01/31/13	T-310 EFFLUENT	96.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301126-03	01/30/13	T-310 EFFLUENT	96.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301122-03	01/29/13	T-310 EFFLUENT	95.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301116-01	01/28/13	T-310 EFFLUENT	95.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-01	01/27/13	T-310 EFFLUENT	96.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-01	01/26/13	T-310 EFFLUENT	95.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-01	01/25/13	T-310 EFFLUENT	94.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-03	01/24/13	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301094-03	01/23/13	T-310 EFFLUENT	96.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-01	01/22/13	T-310 EFFLUENT	95.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-03	01/21/13	T-310 EFFLUENT	95.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301082-03	01/20/13	T-310 EFFLUENT	95.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301081-01	01/19/13	T-310 EFFLUENT	97.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-03	01/18/13	T-310 EFFLUENT	95.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301066-01	01/17/13	T-310 EFFLUENT	95.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-03	01/16/13	T-310 EFFLUENT	94.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301053-03	01/15/13	T-310 EFFLUENT	95.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301043-01	01/14/13	T-310 EFFLUENT	93.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-01	01/13/13	T-310 EFFLUENT	92.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301041-01	01/12/13	T-310 EFFLUENT	94.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301039-01	01/11/13	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301035-01	01/10/13	T-310 EFFLUENT	94.7%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301029-01	01/09/13	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301025-03	01/08/13	T-310 EFFLUENT	97.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301018-03	01/07/13	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301017-01	01/06/13	T-310 EFFLUENT	97.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-01	01/05/13	T-310 EFFLUENT	98.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-01	01/04/13	T-310 EFFLUENT	95.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-01	01/03/13	T-310 EFFLUENT	96.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-03	01/02/13	T-310 EFFLUENT	93.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301001-03	01/01/13	T-310 EFFLUENT	95.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212125-01	12/31/12	T-310 EFFLUENT	95.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212124-01	12/30/12	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212123-01	12/29/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212121-01	12/28/12	T-310 EFFLUENT	106%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212118-01	12/27/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212108-01	12/26/12	T-310 EFFLUENT	97.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212107-03	12/25/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212102-01	12/24/12	T-310 EFFLUENT	108%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212101-01	12/23/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212100-01	12/22/12	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-03	12/21/12	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-03	12/20/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212085-03	12/19/12	T-310 EFFLUENT	104%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212075-01	12/18/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-01	12/17/12	T-310 EFFLUENT	92.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-01	12/16/12	T-310 EFFLUENT	90.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-01	12/15/12	T-310 EFFLUENT	87.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-01	12/14/12	T-310 EFFLUENT	87.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-01	12/13/12	T-310 EFFLUENT	90.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-01	12/12/12	T-310 EFFLUENT	92.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-03	12/11/12	T-310 EFFLUENT	88.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212033-03	12/10/12	T-310 EFFLUENT	88.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212032-01	12/09/12	T-310 EFFLUENT	89.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212031-01	12/08/12	T-310 EFFLUENT	92.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212026-01	12/07/12	T-310 EFFLUENT	90.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-01	12/06/12	T-310 EFFLUENT	90.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-03	12/05/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212009-01	12/04/12	T-310 EFFLUENT	93.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-01	12/03/12	T-310 EFFLUENT	95.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-01	12/02/12	T-310 EFFLUENT	97.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-01	12/01/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211118-01	11/30/12	T-310 EFFLUENT	98.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-01	11/29/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-01	11/28/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-310															
			4-Bromofluorobenzene	2-Hexanone	Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1211101-01	11/27/12	T-310 EFFLUENT	97.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-03	11/26/12	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211097-03	11/25/12	T-310 EFFLUENT	98.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211096-01	11/24/12	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211088-01	11/23/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-01	11/22/12	T-310 EFFLUENT	97.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-03	11/21/12	T-310 EFFLUENT	97.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211079-03	11/20/12	T-310 EFFLUENT	92.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211072-01	11/19/12	T-310 EFFLUENT	92.7%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-01	11/18/12	T-310 EFFLUENT	95.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-01	11/17/12	T-310 EFFLUENT	92.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-01	11/16/12	T-310 EFFLUENT	99.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211062-01	11/15/12	T-310 EFFLUENT	97.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211056-01	11/14/12	T-310 EFFLUENT	105%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211048-01	11/13/12	T-310 EFFLUENT	98.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-03	11/12/12	T-310 EFFLUENT	97.7%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211038-03	11/11/12	T-310 EFFLUENT	93.5%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211037-03	11/10/12	T-310 EFFLUENT	96.5%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211033-03	11/09/12	T-310 EFFLUENT	102%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211030-01	11/08/12	T-310 EFFLUENT	103%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211023-01	11/07/12	T-310 EFFLUENT	96.7%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211020-01	11/06/12	T-310 EFFLUENT	99.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211015-03	11/05/12	T-310 EFFLUENT	103%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211014-03	11/04/12	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211013-03	11/03/12	T-310 EFFLUENT	99.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211009-03	11/02/12	T-310 EFFLUENT	96.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211004-03	11/01/12	T-310 EFFLUENT	87.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210148-03	10/31/12	T-310 EFFLUENT	94.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210142-03	10/30/12	T-310 EFFLUENT	92.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210132-03	10/29/12	T-310 EFFLUENT	94.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210131-03	10/28/12	T-310 EFFLUENT	91.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210130-03	10/27/12	T-310 EFFLUENT	96.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210126-03	10/26/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210120-03	10/25/12	T-310 EFFLUENT	92.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210113-03	10/24/12	T-310 EFFLUENT	90.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210109-03	10/23/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210099-01	10/22/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-01	10/21/12	T-310 EFFLUENT	104%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-01	10/20/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-01	10/19/12	T-310 EFFLUENT	99.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-01	10/18/12	T-310 EFFLUENT	99.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-01	10/17/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210079-03	10/16/12	T-310 EFFLUENT	96.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210071-01	10/15/12	T-310 EFFLUENT	96.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-01	10/14/12	T-310 EFFLUENT	96.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-01	10/13/12	T-310 EFFLUENT	96.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-03	10/12/12	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210062-03	10/11/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210056-01	10/10/12	T-310 EFFLUENT	99.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-01	10/09/12	T-310 EFFLUENT	99.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-01	10/08/12	T-310 EFFLUENT	95.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210040-01	10/07/12	T-310 EFFLUENT	96.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210039-01	10/06/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-03	10/05/12	T-310 EFFLUENT	97.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210025-01	10/04/12	T-310 EFFLUENT	91.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-01	10/03/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-03	10/02/12	T-310 EFFLUENT	96.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210003-01	10/01/12	T-310 EFFLUENT	100%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-01	09/30/12	T-310 EFFLUENT	99.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-01	09/29/12	T-310 EFFLUENT	97.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-03	09/28/12	T-310 EFFLUENT	102%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209123-03	09/27/12	T-310 EFFLUENT	96.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209116-01	09/26/12	T-310 EFFLUENT	91.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-01	09/25/12	T-310 EFFLUENT	94.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209105-01	09/24/12	T-310 EFFLUENT	98.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-01	09/23/12	T-310 EFFLUENT	99.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-01	09/22/12	T-310 EFFLUENT	97.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209099-01	09/21/12	T-310 EFFLUENT	97.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209094-03	09/20/12	T-310 EFFLUENT	95.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209088-01	09/19/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-01	09/18/12	T-310 EFFLUENT	94.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-01	09/17/12	T-310 EFFLUENT	97.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-310															
			4-Bromofluorobenzene	2-Hexanone	Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1209071-03	09/14/12	T-310 EFFLUENT	95.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209063-03	09/13/12	T-310 EFFLUENT	94.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209052-03	09/12/12	T-310 EFFLUENT	89.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209044-03	09/11/12	T-310 EFFLUENT	99.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209035-03	09/10/12	T-310 EFFLUENT	97.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209034-03	09/09/12	T-310 EFFLUENT	95.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209033-03	09/08/12	T-310 EFFLUENT	95.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209027-01	09/07/12	T-310 EFFLUENT	98.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209018-01	09/06/12	T-310 EFFLUENT	96.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-03	09/05/12	T-310 EFFLUENT	94.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-01	09/04/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-01	09/03/12	T-310 EFFLUENT	93.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209002-01	09/02/12	T-310 EFFLUENT	95.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209001-01	09/01/12	T-310 EFFLUENT	94.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208113-03	08/31/12	T-310 EFFLUENT	97.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208108-03	08/30/12	T-310 EFFLUENT	90.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208104-03	08/29/12	T-310 EFFLUENT	97.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208097-03	08/28/12	T-310 EFFLUENT	88.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208089-01	08/27/12	T-310 EFFLUENT	93.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-01	08/26/12	T-310 EFFLUENT	93.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-01	08/25/12	T-310 EFFLUENT	85.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-01	08/24/12	T-310 EFFLUENT	93.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208079-03	08/23/12	T-310 EFFLUENT	94.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208075-03	08/22/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208070-01	08/21/12	T-310 EFFLUENT	93.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208065-01	08/20/12	T-310 EFFLUENT	95.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208064-01	08/19/12	T-310 EFFLUENT	95.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-01	08/18/12	T-310 EFFLUENT	92.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208061-01	08/17/12	T-310 EFFLUENT	99.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-03	08/16/12	T-310 EFFLUENT	97.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208053-03	08/15/12	T-310 EFFLUENT	99.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208050-01	08/14/12	T-310 EFFLUENT	93.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-01	08/13/12	T-310 EFFLUENT	94.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-01	08/12/12	T-310 EFFLUENT	94.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-01	08/11/12	T-310 EFFLUENT	94.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-03	08/10/12	T-310 EFFLUENT	96.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208027-01	08/09/12	T-310 EFFLUENT	94.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-03	08/08/12	T-310 EFFLUENT	96.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208016-03	08/07/12	T-310 EFFLUENT	97.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208013-01	08/06/12	T-310 EFFLUENT	93.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-01	08/05/12	T-310 EFFLUENT	96.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-01	08/04/12	T-310 EFFLUENT	99.7%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-01	08/03/12	T-310 EFFLUENT	97.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-01	08/02/12	T-310 EFFLUENT	97.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-01	08/01/12	T-310 EFFLUENT	98.5%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-01	07/31/12	T-310 EFFLUENT	95.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-01	07/30/12	T-310 EFFLUENT	96.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-01	07/29/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-01	07/28/12	T-310 EFFLUENT	98.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-03	07/27/12	T-310 EFFLUENT	96.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207100-03	07/26/12	T-310 EFFLUENT	95.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-01	07/25/12	T-310 EFFLUENT	90.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-01	07/24/12	T-310 EFFLUENT	95.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-01	07/23/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-01	07/22/12	T-310 EFFLUENT	94.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207087-01	07/21/12	T-310 EFFLUENT	90.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207078-01	07/20/12	T-310 EFFLUENT	93.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207071-03	07/19/12	T-310 EFFLUENT	96.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207067-03	07/18/12	T-310 EFFLUENT	94.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207061-01	07/17/12	T-310 EFFLUENT	95.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207054-01	07/16/12	T-310 EFFLUENT	94.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207053-01	07/15/12	T-310 EFFLUENT	96.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207052-01	07/14/12	T-310 EFFLUENT	99.1%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207050-03	07/13/12	T-310 EFFLUENT	94.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207045-03	07/12/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207035-03	07/11/12	T-310 EFFLUENT	93.4%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207030-01	07/10/12	T-310 EFFLUENT	93.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-01	07/09/12	T-310 EFFLUENT	96.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-01	07/08/12	T-310 EFFLUENT	96.7%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-01	07/07/12	T-310 EFFLUENT	95.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-01	07/06/12	T-310 EFFLUENT	98.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207016-01	07/05/12	T-310 EFFLUENT	97.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000

T-310															
			4-Bromofluorobenzene	2-Hexanone	Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1205138-01	05/25/12	T-310 EFFLUENT	94.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205131-01	05/24/12	T-310 EFFLUENT	94.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205124-03	05/23/12	T-310 EFFLUENT	93.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205117-03	05/22/12	T-310 EFFLUENT	94.7%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205105-01	05/21/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205104-01	05/20/12	T-310 EFFLUENT	96.4%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205103-01	05/19/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205101-01	05/18/12	T-310 EFFLUENT	96.8%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205097-03	05/17/12	T-310 EFFLUENT	90.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205090-03	05/16/12	T-310 EFFLUENT	94.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205084-03	05/15/12	T-310 EFFLUENT	93.8%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205074-03	05/14/12	T-310 EFFLUENT	93.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205073-03	05/13/12	T-310 EFFLUENT	90.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205072-03	05/12/12	T-310 EFFLUENT	94.2%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205067-03	05/11/12	T-310 EFFLUENT	93.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205059-03	05/10/12	T-310 EFFLUENT	94.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205049-01	05/09/12	T-310 EFFLUENT	94.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205044-01	05/08/12	T-310 EFFLUENT	95.5%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205036-01	05/07/12	T-310 EFFLUENT	91.9%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205035-01	05/06/12	T-310 EFFLUENT	97.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205034-03	05/05/12	T-310 EFFLUENT	97.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205028-03	05/04/12	T-310 EFFLUENT	98.0%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205022-03	05/03/12	T-310 EFFLUENT	96.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205013-03	05/02/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205001-03	05/01/12	T-310 EFFLUENT	92.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204137-03	04/30/12	T-310 EFFLUENT	98.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204136-03	04/29/12	T-310 EFFLUENT	101%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204135-01	04/28/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204130-01	04/27/12	T-310 EFFLUENT	103%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204125-01	04/26/12	T-310 EFFLUENT	104%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204117-03	04/25/12	T-310 EFFLUENT	97.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204111-01	04/24/12	T-310 EFFLUENT	101%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204102-01	04/23/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204101-01	04/22/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204100-01	04/21/12	T-310 EFFLUENT	99.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204096-01	04/20/12	T-310 EFFLUENT	98.3%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204090-01	04/19/12	T-310 EFFLUENT	94.7%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204084-01	04/18/12	T-310 EFFLUENT	98.6%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204078-01	04/17/12	T-310 EFFLUENT	99.2%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204064-03	04/16/12	T-310 EFFLUENT	99.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204063-03	04/15/12	T-310 EFFLUENT	97.1%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204062-03	04/14/12	T-310 EFFLUENT	105%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204057-03	04/13/12	T-310 EFFLUENT	102%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204049-03	04/12/12	T-310 EFFLUENT	97.8%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204044-01	04/11/12	T-310 EFFLUENT	95.6%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204039-01	04/10/12	T-310 EFFLUENT	98.9%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204028-01	04/09/12	T-310 EFFLUENT	107%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204027-01	04/08/12	T-310 EFFLUENT	102%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204026-01	04/07/12	T-310 EFFLUENT	100%	<2500	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204023-01	04/06/12	T-310 EFFLUENT	96.0%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204020-01	04/05/12	T-310 EFFLUENT	97.3%	<1000	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204016-03	04/04/12	T-310 EFFLUENT	102%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204013-03	04/03/12	T-310 EFFLUENT	96.4%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204003-01	04/02/12	T-310 EFFLUENT	97.2%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204002-01	04/01/12	T-310 EFFLUENT	93.8%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204001-01	03/31/12	T-310 EFFLUENT	100%	<500	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500

T-320

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1304089-04	04/19/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304085-04	04/18/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304080-04	04/17/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304074-04	04/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304064-04	04/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304063-04	04/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304062-04	04/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304052-04	04/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304045-04	04/11/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304041-04	04/10/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304036-04	04/09/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304027-02	04/08/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-02	04/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304025-02	04/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	28400	<2500	<2500	<2500	<2500	<2500	<2500	8510	<2500	<2500
1304022-02	04/05/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	16900	<2500	<2500	<2500	<2500	<2500	<2500	4590	<2500	<2500
1304018-02	04/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-04	04/03/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304011-04	04/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1304003-02	04/01/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-02	03/31/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304001-02	03/30/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15200	<2500	<2500	<2500	<2500	<2500	<2500	3750	<2500	<2500
1303135-01	03/29/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4560	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303133-02	03/28/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-04	03/27/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303119-04	03/26/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303113-02	03/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-02	03/24/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2510	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303111-02	03/23/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-04	03/22/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303098-04	03/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303089-02	03/20/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303083-02	03/19/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303072-02	03/18/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	22900	<2500	<2500	<2500	<2500	<2500	<2500	7150	<2500	<2500
1303071-02	03/17/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14200	<2500	<2500	<2500	<2500	<2500	<2500	4830	<2500	<2500
1303070-02	03/16/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13700	<2500	<2500	<2500	<2500	<2500	<2500	4910	<2500	<2500
1303066-02	03/15/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-04	03/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2330	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303055-04	03/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1510	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303052-04	03/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303041-02	03/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-02	03/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-02	03/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-02	03/08/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-02	03/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-02	03/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-04	03/05/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2010	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303011-04	03/04/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1550	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303010-04	03/03/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303009-04	03/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1303002-02	03/01/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-04	02/28/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	19800	<1000	<1000	<1000	<1000	<1000	<1000	7530	<1000	<1000
1302129-02	02/28/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	15400	<1000	<1000	<1000	<1000	<1000	<1000	5460	<1000	<1000
1302114-04	02/27/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	24900	<1000	<1000	<1000	<1000	<1000	<1000	9880	<1000	<1000
1302109-02	02/26/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3760	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-02	02/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3850	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-02	02/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4590	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-02	02/23/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3280	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-02	02/22/13	T-320 EFFLUENT	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	16.6	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1302090-04	02/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3680	<1000	<1000	<1000	<1000	<1000	<1000	1000	<1000	<1000
1302083-04	02/20/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2400	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302076-04	02/19/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302069-02	02/18/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-04	02/17/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302067-04	02/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2260	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302065-04	02/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302059-04	02/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302049-04	02/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302041-04	02/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302032-02	02/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-02	02/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-02	02/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-02	02/08/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2540	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302023-02	02/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-04	02/06/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302016-04	02/05/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1302009-02	02/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-02	02/03/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14600	<2500	<2500	<2500	<2500	<2500	<2500	3480	<2500	<2500
1302007-02	02/02/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1302001-04	02/01/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301138-04	01/31/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301126-04	01/30/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301122-04	01/29/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301116-02	01/28/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-02	01/27/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-02	01/26/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-02	01/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-04	01/24/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2070	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301094-04	01/23/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2110	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-02	01/22/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3740	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-04	01/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	7050	<1000	<1000	<1000	<1000	<1000	<1000	1870	<1000	<1000
1301082-04	01/20/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	6920	<1000	<1000	<1000	<1000	<1000	<1000	2540	<1000	<1000
1301081-02	01/19/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2780	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-04	01/18/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301066-02	01/17/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-04	01/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301053-04	01/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301043-02	01/14/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-02	01/13/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301041-02	01/12/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301039-02	01/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	23400	<2500	<2500	<2500	<2500	<2500	<2500	4850	<2500	<2500
1301035-02	01/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91100 [1]	<2500	<2500	<2500	<2500	<2500	<2500	28100	<2500	<2500
1301029-02	01/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11700	<2500	<2500	<2500	<2500	<2500	<2500	3600	<2500	<2500
1301025-04	01/08/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2080	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301018-04	01/07/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301017-02	01/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-02	01/05/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-02	01/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-02	01/03/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-04	01/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301001-04	01/01/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212125-02	12/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212124-02	12/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212123-02	12/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212121-02	12/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212118-02	12/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212108-02	12/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212107-04	12/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212102-02	12/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212101-02	12/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212100-02	12/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-04	12/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-04	12/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212085-04	12/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212075-02	12/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-02	12/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-02	12/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-02	12/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-02	12/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-02	12/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-02	12/12/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-04	12/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212033-04	12/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212032-02	12/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212031-02	12/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212026-02	12/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-02	12/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-04	12/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212009-02	12/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-02	12/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-02	12/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-02	12/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6470	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211118-02	11/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-02	11/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-02	11/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211101-02	11/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-04	11/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211097-04	11/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211096-02	11/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211088-02	11/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-02	11/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-04	11/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211079-04	11/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211072-02	11/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-02	11/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-02	11/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-02	11/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1211062-02	11/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211056-02	11/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8890	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211048-02	11/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-04	11/12/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211038-04	11/11/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211037-04	11/10/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211033-04	11/09/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211030-02	11/08/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211023-02	11/07/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1211020-02	11/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211015-04	11/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211014-04	11/04/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211013-04	11/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211009-04	11/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211004-04	11/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210148-04	10/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210142-04	10/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210132-04	10/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210131-04	10/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210130-04	10/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210126-04	10/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210120-04	10/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210113-04	10/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210109-04	10/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210099-02	10/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-02	10/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-02	10/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-02	10/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-02	10/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6200	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-02	10/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	18900	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210079-04	10/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	11500	<1000	<1000	<1000	<1000	<1000	<1000	3110	<1000	<1000
1210071-02	10/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-02	10/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-02	10/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-04	10/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210062-04	10/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210056-02	10/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2040	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-02	10/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9820	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-02	10/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210040-02	10/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	21800	<2500	<2500	<2500	<2500	<2500	<2500	3880	<2500	<2500
1210039-02	10/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3280	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-04	10/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210025-02	10/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-02	10/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-04	10/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210003-02	10/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-02	09/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-02	09/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-04	09/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209123-04	09/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209116-02	09/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-02	09/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	17600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-02	09/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	27600	<2500	<2500	<2500	<2500	<2500	<2500	4310	<2500	<2500
1209105-02	09/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14300	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-02	09/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	31800	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209099-02	09/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	16400	<2500	<2500	<2500	<2500	<2500	<2500	2990	<2500	<2500
1209094-04	09/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209088-02	09/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-02	09/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-02	09/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209071-04	09/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209063-04	09/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209052-04	09/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209044-04	09/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209035-04	09/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209034-04	09/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209033-04	09/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209027-02	09/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209018-02	09/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-04	09/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-02	09/04/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-02	09/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209002-02	09/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209001-02	09/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208113-04	08/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208108-04	08/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208104-04	08/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208097-04	08/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000

T-320

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1208089-02	08/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-02	08/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-02	08/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-02	08/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5360	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208079-04	08/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208075-04	08/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208070-02	08/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208065-02	08/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208064-02	08/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-02	08/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5980	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208061-02	08/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5280	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-04	08/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208053-04	08/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208050-02	08/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-02	08/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-02	08/12/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-02	08/11/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-04	08/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	7400	<1000	<1000	<1000	<1000	<1000	<1000	1720	<1000	<1000
1208027-02	08/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-04	08/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208016-04	08/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1208013-02	08/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-02	08/05/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-02	08/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-02	08/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-02	08/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-02	08/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-02	07/31/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-02	07/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-02	07/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-02	07/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-04	07/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207100-04	07/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-02	07/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-02	07/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-02	07/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-02	07/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	34300	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207087-02	07/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	67300 [1]	<2500	<2500	<2500	<2500	<2500	<2500	9010	<2500	<2500
1207078-02	07/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20700	<2500	<2500	<2500	<2500	<2500	<2500	4310	<2500	<2500
1207071-04	07/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207067-04	07/18/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207061-02	07/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207054-02	07/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9530	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207053-02	07/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	84900 [1]	<2500	<2500	<2500	<2500	<2500	<2500	19300	<2500	<2500
1207052-02	07/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	71900 [1]	<2500	3800	<2500	<2500	<2500	<2500	24200	<2500	<2500
1207050-04	07/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207045-04	07/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207035-04	07/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207030-02	07/10/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-02	07/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-02	07/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4480	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-02	07/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	18100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-02	07/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	29700 [1]	<1000	2510	<1000	<1000	<1000	<1000	2660	<1000	<1000
1207016-02	07/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207009-04	07/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1207002-02	07/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207003-02	07/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207004-02	06/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8930	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206112-02	06/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15400	<2500	<2500	<2500	<2500	<2500	<2500	2900	<2500	<2500
1206109-04	06/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206105-04	06/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206099-04	06/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206093-02	06/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206092-02	06/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206091-02	06/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	18900	<2500	<2500	<2500	<2500	<2500	<2500	3050	<2500	<2500
1206087-02	06/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206086-02	06/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206082-04	06/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206077-04	06/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206072-02	06/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206071-02	06/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206070-02	06/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206063-02	06/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206061-04	06/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206056-04	06/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206046-02	06/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206039-02	06/11/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3590	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206038-02	06/10/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1206037-02	06/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20400	<2500	<2500	<2500	<2500	<2500	<2500	6370	<2500	<2500
1206033-02	06/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13100	<2500	<2500	<2500	<2500	<2500	<2500	4530	<2500	<2500
1206024-02	06/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206017-04	06/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206013-04	06/05/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1206006-02	06/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206005-02	06/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206004-02	06/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206001-04	06/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205166-02	05/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205160-04	05/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205147-02	05/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205138-02	05/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205131-02	05/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205124-04	05/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205117-04	05/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205105-02	05/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205104-02	05/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205103-02	05/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205101-02	05/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205097-04	05/17/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205090-04	05/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205084-04	05/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205074-04	05/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205073-04	05/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205072-04	05/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205067-04	05/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205059-04	05/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205049-02	05/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205044-02	05/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	29100 [1]	<1000	<1000	<1000	<1000	<1000	<1000	7380	<1000	<1000
1205036-02	05/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205035-02	05/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205034-04	05/05/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205028-04	05/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205022-04	05/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205013-04	05/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205001-04	05/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204137-04	04/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204136-04	04/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204135-02	04/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204130-02	04/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	48500	<2500	<2500	<2500	<2500	<2500	<2500	11000	<2500	<2500
1204125-02	04/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	127000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	32100	<2500	<2500
1204117-04	04/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90400 [1]	<2500	<2500	<2500	<2500	<2500	<2500	22900	<2500	<2500
1204111-02	04/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	25100	<2500	<2500
1204102-02	04/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	75800 [1]	<2500	<2500	<2500	<2500	<2500	<2500	18700	<2500	<2500
1204101-02	04/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	153000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	40500	<2500	<2500
1204100-02	04/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	28000	<2500	<2500
1204096-02	04/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	115000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	32900	<2500	<2500
1204090-02	04/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	115000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	33400	<2500	<2500
1204084-02	04/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	118000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	36600	<2500	<2500
1204078-02	04/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	72300 [1]	<2500	3270	<2500	<2500	<2500	<2500	23100	<2500	<2500
1204064-04	04/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204063-04	04/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204062-04	04/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204057-04	04/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204049-04	04/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204044-02	04/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204039-02	04/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1204028-02	04/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10900	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204027-02	04/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	74100 [1]	<2500	<2500	<2500	<2500	<2500	<2500	19200	<2500	<2500
1204026-02	04/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99000 [1]	<2500	<2500	<2500	<2500	<2500	<2500	29300	<2500	<2500
1204023-02	04/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107000 [1]	<1000	1780	<1000	<1000	<1000	<1000	33500 [1]	<1000	<1000
1204020-02	04/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<1000	<1000	<1000	48600 [1]	<1000	3590	<1000	<1000	<1000	<1000	16600	<1000	<1000
1204016-04	04/04/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204013-04	04/03/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204003-02	04/02/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500
1204002-02	04/01/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	904	<500	554	<500	<500	<500	<500	<500	<500	<500
1204001-02	03/31/12	T-320 EFFLUENT	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500	<500

T-320

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1304089-04	04/19/13	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	96.8%	<1000
1304085-04	04/18/13	T-320 EFFLUENT	<1000	<1000	94.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.2%	<1000	<1000	<1000	93.1%	<1000
1304080-04	04/17/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	102%	<1000
1304074-04	04/16/13	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	100%	<1000
1304064-04	04/15/13	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	102%	<1000
1304063-04	04/14/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	98.2%	<1000
1304062-04	04/13/13	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	100%	<1000
1304052-04	04/12/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	99.6%	<1000
1304045-04	04/11/13	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	103%	<1000
1304041-04	04/10/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	99.1%	<1000
1304036-04	04/09/13	T-320 EFFLUENT	<1000	<1000	99.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000	96.6%	<1000
1304027-02	04/08/13	T-320 EFFLUENT	<2500	<2500	98.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	99.0%	<2500
1304026-02	04/07/13	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	99.9%	<2500
1304025-02	04/06/13	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	106%	<2500
1304022-02	04/05/13	T-320 EFFLUENT	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1304018-02	04/04/13	T-320 EFFLUENT	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1304014-04	04/03/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	101%	<1000
1304011-04	04/02/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	98.9%	<1000
1304003-02	04/01/13	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.5%	<2500
1304002-02	03/31/13	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1304001-02	03/30/13	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.5%	<2500
1303135-01	03/29/13	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1303133-02	03/28/13	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	102%	<2500
1303123-04	03/27/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	102%	<1000
1303119-04	03/26/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	102%	<1000
1303113-02	03/25/13	T-320 EFFLUENT	<2500	<2500	98.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.7%	<2500
1303112-02	03/24/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.2%	<2500
1303111-02	03/23/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1303105-04	03/22/13	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	100%	<1000
1303098-04	03/21/13	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	99.6%	<1000
1303089-02	03/20/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1303083-02	03/19/13	T-320 EFFLUENT	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.3%	<2500
1303072-02	03/18/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.7%	<2500
1303071-02	03/17/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1303070-02	03/16/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.5%	<2500
1303066-02	03/15/13	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1303061-04	03/14/13	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	102%	<1000
1303055-04	03/13/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	101%	<1000
1303052-04	03/12/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	102%	<1000
1303041-02	03/11/13	T-320 EFFLUENT	<2500	<2500	116%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	101%	<2500
1303040-02	03/10/13	T-320 EFFLUENT	<2500	<2500	117%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	102%	<2500
1303039-02	03/09/13	T-320 EFFLUENT	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	97.7%	<2500
1303037-02	03/08/13	T-320 EFFLUENT	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	101%	<2500
1303031-02	03/07/13	T-320 EFFLUENT	<2500	<2500	117%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	110%	<2500	<2500	<2500	106%	<2500
1303025-02	03/06/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	99.2%	<2500
1303019-04	03/05/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	98.2%	<1000
1303011-04	03/04/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	100%	<1000
1303010-04	03/03/13	T-320 EFFLUENT	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	98.5%	<1000
1303009-04	03/02/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	96.4%	<1000
1303002-02	03/01/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	101%	<2500
1302122-04	02/28/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1490	101%	<1000	<1000	<1000	98.3%	<1000
1302129-02	02/28/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1090	106%	<1000	<1000	<1000	103%	<1000
1302114-04	02/27/13	T-320 EFFLUENT	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1880	108%	<1000	<1000	<1000	105%	<1000
1302109-02	02/26/13	T-320 EFFLUENT	<2500	<2500	95.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.7%	<2500
1302098-02	02/25/13	T-320 EFFLUENT	<2500	<2500	99.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	99.8%	<2500
1302099-02	02/25/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	95.5%	<2500
1302097-02	02/23/13	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.0%	<2500
1302094-02	02/22/13	T-320 EFFLUENT	<10.0	<10.0	112%	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	104%	<10.0	<10.0	<10.0	101%	<10.0
1302090-04	02/21/13	T-320 EFFLUENT	<1000	<1000	113%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	96.2%	<1000
1302083-04	02/20/13	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.8%	<1000	<1000	<1000	88.3%	<1000
1302076-04	02/19/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	95.5%	<1000
1302069-02	02/18/13	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.9%	<2500
1302068-04	02/17/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	94.6%	<1000
1302067-04	02/16/13	T-320 EFFLUENT	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000	97.9%	<1000
1302065-04	02/15/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	96.4%	<1000
1302059-04	02/14/13	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	97.4%	<1000
1302049-04	02/13/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	95.8%	<1000
1302041-04	02/12/13	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	98.0%	<1000
1302032-02	02/11/13	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.2%	<2500
1302031-02	02/10/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	96.5%	<2500
1302030-02	02/09/13	T-320 EFFLUENT	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	99.2%	<2500
1302025-02	02/08/13	T-320 EFFLUENT	<1000	<1000	112%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	101%	<1000
1302023-02	02/07/13	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	98.8%	<2500
1302019-04	02/06/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	97.7%	<1000
1302016-04	02/05/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	94.3%	<1000
1302009-02	02/04/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	94.7%	<2500
1302008-02	02/03/13	T-320 EFFLUENT	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	97.6%	<2500
1302007-02	02/02/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	95.7%	<2500

T-320

			1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	4-Bromofluorobenzene	2-Hexanone
SAMPLE ID	DATE		ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	[surr]	ug/L
1302001-04	02/01/13	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.6%	<1000	<1000	<1000	92.9%	<1000
1301138-04	01/31/13	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.9%	<1000	<1000	<1000	95.2%	<1000
1301126-04	01/30/13	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	97.0%	<1000
1301122-04	01/29/13	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	94.6%	<1000
1301116-02	01/28/13	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	95.0%	<2500
1301115-02	01/27/13	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	101%	<2500
1301114-02	01/26/13	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	94.9%	<2500
1301108-02	01/25/13	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	92.3%	<2500
1301105-04	01/24/13	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	96.3%	<1000
1301094-04	01/23/13	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	95.7%	<1000
1301090-02	01/22/13	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.8%	<2500
1301083-04	01/21/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	96.0%	<1000
1301082-04	01/20/13	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	99.2%	<1000
1301081-02	01/19/13	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	94.2%	<2500
1301072-04	01/18/13	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	93.8%	<1000
1301066-02	01/17/13	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	94.9%	<2500
1301061-04	01/16/13	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	92.0%	<1000
1301053-04	01/15/13	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	94.7%	<1000
1301043-02	01/14/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	98.3%	<2500
1301042-02	01/13/13	T-320 EFFLUENT	<2500	<2500	92.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.5%	<2500	<2500	<2500	88.5%	<2500
1301041-02	01/12/13	T-320 EFFLUENT	<2500	<2500	98.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500	93.4%	<2500
1301039-02	01/11/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	98.9%	<2500
1301035-02	01/10/13	T-320 EFFLUENT	<2500	<2500	98.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500	97.5%	<2500
1301029-02	01/09/13	T-320 EFFLUENT	<2500	<2500	94.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	97.1%	<2500
1301025-04	01/08/13	T-320 EFFLUENT	<1000	<1000	98.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.6%	<1000	<1000	<1000	94.1%	<1000
1301018-04	01/07/13	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	96.2%	<1000
1301017-02	01/06/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.6%	<2500
1301016-02	01/05/13	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.9%	<2500
1301015-02	01/04/13	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	95.4%	<2500
1301007-02	01/03/13	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	94.9%	<2500
1301002-04	01/02/13	T-320 EFFLUENT	<1000	<1000	94.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.0%	<1000	<1000	<1000	90.8%	<1000
1301001-04	01/01/13	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	95.5%	<1000
1212125-02	12/31/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	96.2%	<1000
1212124-02	12/30/12	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	102%	<1000
1212123-02	12/29/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	99.1%	<1000
1212121-02	12/28/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	99.6%	<1000
1212118-02	12/27/12	T-320 EFFLUENT	<1000	<1000	112%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	104%	<1000
1212108-02	12/26/12	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	106%	<1000
1212107-04	12/25/12	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	100%	<1000
1212102-02	12/24/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	98.8%	<1000
1212101-02	12/23/12	T-320 EFFLUENT	<1000	<1000	115%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	112%	<1000	<1000	<1000	108%	<1000
1212100-02	12/22/12	T-320 EFFLUENT	<1000	<1000	116%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	112%	<1000	<1000	<1000	109%	<1000
1212097-04	12/21/12	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	104%	<1000
1212092-04	12/20/12	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	104%	<1000
1212085-04	12/19/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000	101%	<1000
1212075-02	12/18/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	103%	<2500
1212067-02	12/17/12	T-320 EFFLUENT	<2500	<2500	93.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.1%	<2500	<2500	<2500	85.4%	<2500
1212068-02	12/16/12	T-320 EFFLUENT	<2500	<2500	96.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.6%	<2500	<2500	<2500	88.4%	<2500
1212069-02	12/15/12	T-320 EFFLUENT	<2500	<2500	96.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.5%	<2500	<2500	<2500	88.0%	<2500
1212060-02	12/14/12	T-320 EFFLUENT	<2500	<2500	98.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.7%	<2500	<2500	<2500	91.5%	<2500
1212053-02	12/13/12	T-320 EFFLUENT	<2500	<2500	97.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	89.6%	<2500
1212044-02	12/12/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	90.0%	<2500
1212040-04	12/11/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.1%	<1000	<1000	<1000	90.4%	<1000
1212033-04	12/10/12	T-320 EFFLUENT	<1000	<1000	99.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.3%	<1000	<1000	<1000	87.9%	<1000
1212032-02	12/09/12	T-320 EFFLUENT	<1000	<1000	99.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.6%	<1000	<1000	<1000	87.6%	<1000
1212031-02	12/08/12	T-320 EFFLUENT	<1000	<1000	91.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	86.1%	<1000	<1000	<1000	82.4% [3]	<1000
1212026-02	12/07/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	95.4%	<2500
1212022-02	12/06/12	T-320 EFFLUENT	<2500	<2500	94.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.8%	<2500	<2500	<2500	89.2%	<2500
1212015-04	12/05/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.3%	<1000	<1000	<1000	94.2%	<1000
1212009-02	12/04/12	T-320 EFFLUENT	<2500	<2500	97.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500	92.6%	<2500
1212003-02	12/03/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.8%	<2500	<2500	<2500	94.3%	<2500
1212002-02	12/02/12	T-320 EFFLUENT	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	102%	<2500
1212001-02	12/01/12	T-320 EFFLUENT	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1211118-02	11/30/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	100%	<2500
1211111-02	11/29/12	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1211108-02	11/28/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.9%	<2500
1211101-02	11/27/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.0%	<2500	<2500	<2500	95.4%	<2500
1211095-04	11/26/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	99.0%	<1000
1211097-04	11/25/12	T-320 EFFLUENT	<1000	<1000	112%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	102%	<1000
1211096-02	11/24/12	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	97.8%	<1000
1211088-02	11/23/12	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	103%	<2500
1211087-02	11/22/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	98.9%	<2500
1211084-04	11/21/12	T-320 EFFLUENT	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	103%	<1000
1211079-04	11/20/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.4%	<1000	<1000	<1000	93.3%	<1000
1211072-02	11/19/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.1%	<2500	<2500	<2500	95.4%	<2500
1211071-02	11/18/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.0%	<2500
1211070-02	11/17/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	96.3%	<2500
1211066-02	11/16/12	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	100%	<2500

T-320

			1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	4-Bromofluorobenzene	2-Hexanone
SAMPLE ID	DATE		ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	[surr]	ug/L
1211062-02	11/15/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.8%	<2500	<2500	<2500	96.8%	<2500
1211056-02	11/14/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1211048-02	11/13/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.4%	<2500
1211039-04	11/12/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	103%	<500	<500	<500	97.5%	<500
1211038-04	11/11/12	T-320 EFFLUENT	<500	<500	105%	<500	<500	<500	<500	<500	<500	<500	<500	103%	<500	<500	<500	96.0%	<500
1211037-04	11/10/12	T-320 EFFLUENT	<500	<500	105%	<500	<500	<500	<500	<500	<500	<500	<500	102%	<500	<500	<500	96.7%	<500
1211033-04	11/09/12	T-320 EFFLUENT	<500	<500	106%	<500	<500	<500	<500	<500	<500	<500	<500	106%	<500	<500	<500	102%	<500
1211030-02	11/08/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	105%	<500	<500	<500	101%	<500
1211023-02	11/07/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	105%	<500	<500	<500	99.8%	<500
1211020-02	11/06/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	95.4%	<1000
1211015-04	11/05/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	99.5%	<1000
1211014-04	11/04/12	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	99.5%	<1000
1211013-04	11/03/12	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000	102%	<1000
1211009-04	11/02/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	97.2%	<1000
1211004-04	11/01/12	T-320 EFFLUENT	<1000	<1000	87.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	90.3%	<1000	<1000	<1000	85.2%	<1000
1210148-04	10/31/12	T-320 EFFLUENT	<1000	<1000	93.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.4%	<1000	<1000	<1000	89.3%	<1000
1210142-04	10/30/12	T-320 EFFLUENT	<1000	<1000	95.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000	92.9%	<1000
1210132-04	10/29/12	T-320 EFFLUENT	<1000	<1000	93.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.1%	<1000	<1000	<1000	91.6%	<1000
1210131-04	10/28/12	T-320 EFFLUENT	<1000	<1000	94.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.7%	<1000	<1000	<1000	92.0%	<1000
1210130-04	10/27/12	T-320 EFFLUENT	<1000	<1000	91.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.1%	<1000	<1000	<1000	89.7%	<1000
1210126-04	10/26/12	T-320 EFFLUENT	<1000	<1000	94.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.5%	<1000	<1000	<1000	91.5%	<1000
1210120-04	10/25/12	T-320 EFFLUENT	<1000	<1000	90.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	91.7%	<1000	<1000	<1000	91.0%	<1000
1210113-04	10/24/12	T-320 EFFLUENT	<1000	<1000	94.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.5%	<1000	<1000	<1000	92.9%	<1000
1210109-04	10/23/12	T-320 EFFLUENT	<1000	<1000	92.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.6%	<1000	<1000	<1000	92.6%	<1000
1210099-02	10/22/12	T-320 EFFLUENT	<2500	<2500	120% [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	111%	<2500	<2500	<2500	106%	<2500
1210098-02	10/21/12	T-320 EFFLUENT	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	107%	<2500
1210097-02	10/20/12	T-320 EFFLUENT	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1210092-02	10/19/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1210087-02	10/18/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.7%	<2500
1210082-02	10/17/12	T-320 EFFLUENT	<2500	<2500	116%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	101%	<2500
1210079-04	10/16/12	T-320 EFFLUENT	<1000	<1000	113%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000	98.2%	<1000
1210071-02	10/15/12	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.8%	<2500
1210070-02	10/14/12	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	96.8%	<2500
1210069-02	10/13/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.2%	<2500	<2500	<2500	95.5%	<2500
1210067-04	10/12/12	T-320 EFFLUENT	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.3%	<1000	<1000	<1000	97.0%	<1000
1210062-04	10/11/12	T-320 EFFLUENT	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	101%	<1000
1210056-02	10/10/12	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.3%	<1000	<1000	<1000	96.3%	<1000
1210050-02	10/09/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.5%	<2500
1210041-02	10/08/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	97.5%	<2500
1210040-02	10/07/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	96.9%	<2500
1210039-02	10/06/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.5%	<2500	<2500	<2500	97.0%	<2500
1210032-04	10/05/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.4%	<1000	<1000	<1000	97.9%	<1000
1210025-02	10/04/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.2%	<2500	<2500	<2500	93.5%	<2500
1210020-02	10/03/12	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	100%	<2500
1210015-04	10/02/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.3%	<1000	<1000	<1000	94.7%	<1000
1210003-02	10/01/12	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	100%	<1000	<1000	<1000	99.9%	<1000
1210002-02	09/30/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.4%	<1000	<1000	<1000	96.1%	<1000
1210001-02	09/29/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	98.3%	<2500
1209126-04	09/28/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.7%	<1000	<1000	<1000	97.0%	<1000
1209123-04	09/27/12	T-320 EFFLUENT	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.6%	<1000	<1000	<1000	98.1%	<1000
1209116-02	09/26/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	95.0%	<2500
1209112-02	09/25/12	T-320 EFFLUENT	<2500	<2500	99.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.7%	<2500	<2500	<2500	93.5%	<2500
1209103-02	09/24/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.5%	<2500
1209105-02	09/24/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1209104-02	09/23/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.8%	<2500
1209099-02	09/21/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.7%	<2500
1209094-04	09/20/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	99.7%	<1000
1209088-02	09/19/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	97.4%	<2500
1209083-02	09/18/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	101%	<2500
1209075-02	09/17/12	T-320 EFFLUENT	<2500	<2500	95.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	98.9%	<2500
1209071-04	09/14/12	T-320 EFFLUENT	<1000	<1000	91.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.1%	<1000	<1000	<1000	95.2%	<1000
1209063-04	09/13/12	T-320 EFFLUENT	<1000	<1000	86.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.7%	<1000	<1000	<1000	94.2%	<1000
1209052-04	09/12/12	T-320 EFFLUENT	<1000	<1000	95.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.8%	<1000	<1000	<1000	97.2%	<1000
1209044-04	09/11/12	T-320 EFFLUENT	<1000	<1000	93.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.0%	<1000	<1000	<1000	95.8%	<1000
1209035-04	09/10/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.9%	<1000	<1000	<1000	95.0%	<1000
1209034-04	09/09/12	T-320 EFFLUENT	<1000	<1000	90.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.4%	<1000	<1000	<1000	94.4%	<1000
1209033-04	09/08/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.5%	<1000	<1000	<1000	95.2%	<1000
1209027-02	09/07/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000	95.3%	<1000
1209018-02	09/06/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.1%	<1000	<1000	<1000	93.4%	<1000
1209013-04	09/05/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.3%	<1000	<1000	<1000	94.6%	<1000
1209004-02	09/04/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	98.4%	<1000
1209003-02	09/03/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.8%	<1000	<1000	<1000	96.1%	<1000
1209002-02	09/02/12	T-320 EFFLUENT	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.3%	<1000	<1000	<1000	94.3%	<1000
1209001-02	09/01/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	97.1%	<1000
1208113-04	08/31/12	T-320 EFFLUENT	<1000	<1000	95.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.5%	<1000	<1000	<1000	91.4%	<1000
1208108-04	08/30/12	T-320 EFFLUENT	<1000	<1000	97.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.8%	<1000	<1000	<1000	93.1%	<1000
1208104-04	08/29/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000	97.2%	<1000
1208097-04	08/28/12	T-320 EFFLUENT	<1000	<1000	97.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.2%	<1000	<1000	<1000	93.2%	<1000

T-320

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1208089-02	08/27/12	T-320 EFFLUENT	<2500	<2500	90.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	88.9%	<2500
1208088-02	08/26/12	T-320 EFFLUENT	<2500	<2500	94.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	91.7%	<2500
1208087-02	08/25/12	T-320 EFFLUENT	<2500	<2500	90.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	89.7%	<2500
1208081-02	08/24/12	T-320 EFFLUENT	<2500	<2500	92.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	94.0%	<2500
1208079-04	08/23/12	T-320 EFFLUENT	<1000	<1000	93.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	92.5%	<1000
1208075-04	08/22/12	T-320 EFFLUENT	<1000	<1000	88.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	92.3%	<1000
1208070-02	08/21/12	T-320 EFFLUENT	<1000	<1000	97.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000	95.3%	<1000
1208065-02	08/20/12	T-320 EFFLUENT	<2500	<2500	96.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	94.6%	<2500
1208064-02	08/19/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	97.9%	<2500
1208063-02	08/18/12	T-320 EFFLUENT	<2500	<2500	94.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	93.0%	<2500
1208061-02	08/17/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	97.9%	<2500
1208057-04	08/16/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.5%	<1000	<1000	<1000	93.4%	<1000
1208053-04	08/15/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	99.4%	<1000
1208050-02	08/14/12	T-320 EFFLUENT	<2500	<2500	99.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	91.5%	<2500
1208046-02	08/13/12	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	100%	<2500
1208045-02	08/12/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	96.0%	<2500
1208044-02	08/11/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	95.0%	<2500
1208040-04	08/10/12	T-320 EFFLUENT	<1000	<1000	98.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	95.5%	<1000
1208027-02	08/09/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	98.2%	<2500
1208022-04	08/08/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	98.9%	<1000
1208016-04	08/07/12	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	97.7%	<1000
1208013-02	08/06/12	T-320 EFFLUENT	<2500	<2500	98.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	91.9%	<2500
1208012-02	08/05/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.4%	<2500
1208011-02	08/04/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	97.4%	<2500
1208009-02	08/03/12	T-320 EFFLUENT	<2500	<2500	97.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	96.0%	<2500
1208004-02	08/02/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.3%	<2500
1208001-02	08/01/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	97.0%	<2500
1207110-02	07/31/12	T-320 EFFLUENT	<2500	<2500	90.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	96.4%	<2500
1207106-02	07/30/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.8%	<2500
1207105-02	07/29/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.5%	<2500
1207104-02	07/28/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.2%	<2500
1207102-04	07/27/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	96.1%	<1000
1207100-04	07/26/12	T-320 EFFLUENT	<2500	<2500	99.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	95.5%	<2500
1207095-02	07/25/12	T-320 EFFLUENT	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.3%	<2500	<2500	<2500	95.7%	<2500
1207091-02	07/24/12	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.9%	<2500	<2500	<2500	94.2%	<2500
1207085-02	07/23/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.9%	<2500	<2500	<2500	95.7%	<2500
1207086-02	07/22/12	T-320 EFFLUENT	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.1%	<2500	<2500	<2500	95.5%	<2500
1207087-02	07/21/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.1%	<2500	<2500	<2500	92.4%	<2500
1207078-02	07/20/12	T-320 EFFLUENT	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.7%	<2500	<2500	<2500	92.9%	<2500
1207071-04	07/19/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.8%	<1000	<1000	<1000	97.1%	<1000
1207067-04	07/18/12	T-320 EFFLUENT	<1000	<1000	93.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	87.4%	<1000	<1000	<1000	86.8%	<1000
1207061-02	07/17/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.6%	<2500	<2500	<2500	92.3%	<2500
1207054-02	07/16/12	T-320 EFFLUENT	<2500	<2500	92.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.2%	<2500	<2500	<2500	94.2%	<2500
1207053-02	07/15/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.4%	<2500	<2500	<2500	94.2%	<2500
1207052-02	07/14/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2720	98.8%	<2500	<2500	<2500	98.8%	<2500
1207050-04	07/13/12	T-320 EFFLUENT	<1000	<1000	92.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.2%	<1000	<1000	<1000	92.4%	<1000
1207045-04	07/12/12	T-320 EFFLUENT	<1000	<1000	94.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.9%	<1000	<1000	<1000	93.0%	<1000
1207035-04	07/11/12	T-320 EFFLUENT	<1000	<1000	90.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.4%	<1000	<1000	<1000	93.1%	<1000
1207030-02	07/10/12	T-320 EFFLUENT	<2500	<2500	90.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.9%	<2500	<2500	<2500	91.5%	<2500
1207022-02	07/09/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.5%	<2500	<2500	<2500	94.7%	<2500
1207023-02	07/08/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	97.9%	<2500
1207024-02	07/07/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	94.5%	<2500
1207018-02	07/06/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.6%	<1000	<1000	<1000	97.6%	<1000
1207016-02	07/05/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	93.9%	<1000	<1000	<1000	95.3%	<1000
1207009-04	07/03/12	T-320 EFFLUENT	<1000	<1000	99.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.7%	<1000	<1000	<1000	95.7%	<1000
1207002-02	07/02/12	T-320 EFFLUENT	<2500	<2500	96.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500	95.2%	<2500
1207003-02	07/01/12	T-320 EFFLUENT	<2500	<2500	97.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.2%	<2500	<2500	<2500	95.7%	<2500
1207004-02	06/30/12	T-320 EFFLUENT	<2500	<2500	98.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	97.7%	<2500
1206112-02	06/29/12	T-320 EFFLUENT	<2500	<2500	97.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	95.4%	<2500
1206109-04	06/28/12	T-320 EFFLUENT	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.7%	<1000	<1000	<1000	100%	<1000
1206105-04	06/27/12	T-320 EFFLUENT	<1000	<1000	109%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.6%	<1000	<1000	<1000	98.5%	<1000
1206099-04	06/26/12	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.5%	<1000	<1000	<1000	97.1%	<1000
1206093-02	06/25/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500	100%	<2500
1206092-02	06/24/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500	98.5%	<2500
1206091-02	06/23/12	T-320 EFFLUENT	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	101%	<2500
1206087-02	06/22/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.1%	<2500	<2500	<2500	98.3%	<2500
1206086-02	06/21/12	T-320 EFFLUENT	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	103%	<1000
1206082-04	06/20/12	T-320 EFFLUENT	<1000	<1000	98.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.9%	<1000	<1000	<1000	96.3%	<1000
1206077-04	06/19/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.6%	<1000	<1000	<1000	95.9%	<1000
1206072-02	06/18/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	101%	<2500
1206071-02	06/17/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	98.4%	<2500
1206070-02	06/16/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	99.2%	<2500
1206063-02	06/15/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	104%	<2500
1206061-04	06/14/12	T-320 EFFLUENT	<1000	<1000	89.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	88.9%	<1000	<1000	<1000	87.2%	<1000
1206056-04	06/13/12	T-320 EFFLUENT	<1000	<1000	99.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.4%	<1000	<1000	<1000	96.1%	<1000
1206046-02	06/12/12	T-320 EFFLUENT	<1000	<1000	94.8%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	92.6%	<1000	<1000	<1000	92.0%	<1000
1206039-02	06/11/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.3%	<2500	<2500	<2500	96.5%	<2500
1206038-02	06/10/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.5%	<2500

T-320

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1206037-02	06/09/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	97.8%	<2500
1206033-02	06/08/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	98.2%	<2500
1206024-02	06/07/12	T-320 EFFLUENT	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	104%	<1000
1206017-04	06/06/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	99.2%	<1000
1206013-04	06/05/12	T-320 EFFLUENT	<500	<500	105%	<500	<500	<500	<500	<500	<500	<500	<500	104%	<500	<500	<500	101%	<500
1206006-02	06/04/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.5%	<2500
1206005-02	06/03/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	100%	<2500
1206004-02	06/02/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	103%	<2500
1206001-04	06/01/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	96.6%	<1000
1205166-02	05/31/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	102%	<1000
1205160-04	05/30/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.7%	<1000	<1000	<1000	98.2%	<1000
1205147-02	05/29/12	T-320 EFFLUENT	<1000	<1000	98.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.6%	<1000	<1000	<1000	93.6%	<1000
1205138-02	05/25/12	T-320 EFFLUENT	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.3%	<2500
1205131-02	05/24/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000	95.7%	<1000
1205124-04	05/23/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.2%	<1000	<1000	<1000	94.3%	<1000
1205117-04	05/22/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.4%	<1000	<1000	<1000	95.3%	<1000
1205105-02	05/21/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	102%	<2500
1205104-02	05/20/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.4%	<2500	<2500	<2500	94.5%	<2500
1205103-02	05/19/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.2%	<2500	<2500	<2500	101%	<2500
1205101-02	05/18/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	100%	<2500
1205097-04	05/17/12	T-320 EFFLUENT	<1000	<1000	87.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.5%	<1000	<1000	<1000	93.6%	<1000
1205090-04	05/16/12	T-320 EFFLUENT	<1000	<1000	87.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.9%	<1000	<1000	<1000	93.9%	<1000
1205084-04	05/15/12	T-320 EFFLUENT	<1000	<1000	89.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.1%	<1000	<1000	<1000	92.0%	<1000
1205074-04	05/14/12	T-320 EFFLUENT	<1000	<1000	88.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.5%	<1000	<1000	<1000	92.4%	<1000
1205073-04	05/13/12	T-320 EFFLUENT	<1000	<1000	87.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.7%	<1000	<1000	<1000	91.7%	<1000
1205072-04	05/12/12	T-320 EFFLUENT	<1000	<1000	87.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	94.4%	<1000	<1000	<1000	91.2%	<1000
1205067-04	05/11/12	T-320 EFFLUENT	<1000	<1000	94.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.2%	<1000	<1000	<1000	96.0%	<1000
1205059-04	05/10/12	T-320 EFFLUENT	<1000	<1000	94.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.4%	<1000	<1000	<1000	96.1%	<1000
1205049-02	05/09/12	T-320 EFFLUENT	<1000	<1000	94.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.6%	<1000	<1000	<1000	95.8%	<1000
1205044-02	05/08/12	T-320 EFFLUENT	<1000	<1000	96.9%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	99.8%	<1000
1205036-02	05/07/12	T-320 EFFLUENT	<2500	<2500	92.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	104%	<2500
1205035-02	05/06/12	T-320 EFFLUENT	<1000	<1000	95.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	96.2%	<1000	<1000	<1000	95.8%	<1000
1205034-04	05/05/12	T-320 EFFLUENT	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	99.8%	<2500
1205028-04	05/04/12	T-320 EFFLUENT	<2500	<2500	96.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.8%	<2500	<2500	<2500	97.1%	<2500
1205022-04	05/03/12	T-320 EFFLUENT	<1000	<1000	96.4%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	102%	<1000
1205013-04	05/02/12	T-320 EFFLUENT	<1000	<1000	98.7%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	102%	<1000
1205001-04	05/01/12	T-320 EFFLUENT	<1000	<1000	99.0%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	98.5%	<1000
1204137-04	04/30/12	T-320 EFFLUENT	<1000	<1000	99.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	98.4%	<1000
1204136-04	04/29/12	T-320 EFFLUENT	<1000	<1000	98.1%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	98.9%	<1000
1204135-02	04/28/12	T-320 EFFLUENT	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1204130-02	04/27/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	103%	<2500
1204125-02	04/26/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.5%	<2500	<2500	<2500	100%	<2500
1204117-04	04/25/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	100%	<2500
1204111-02	04/24/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	103%	<2500
1204102-02	04/23/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.8%	<2500	<2500	<2500	98.5%	<2500
1204101-02	04/22/12	T-320 EFFLUENT	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	101%	<2500
1204100-02	04/21/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	104%	<2500
1204096-02	04/20/12	T-320 EFFLUENT	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.7%	<2500
1204090-02	04/19/12	T-320 EFFLUENT	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	98.9%	<2500
1204084-02	04/18/12	T-320 EFFLUENT	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3200	98.7%	<2500	<2500	<2500	97.1%	<2500
1204078-02	04/17/12	T-320 EFFLUENT	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1204064-04	04/16/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	100%	<1000
1204063-04	04/15/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	103%	<1000
1204062-04	04/14/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	99.8%	<1000
1204057-04	04/13/12	T-320 EFFLUENT	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.6%	<1000	<1000	<1000	98.4%	<1000
1204049-04	04/12/12	T-320 EFFLUENT	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	98.5%	<1000
1204044-02	04/11/12	T-320 EFFLUENT	<1000	<1000	101%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	101%	<1000
1204039-02	04/10/12	T-320 EFFLUENT	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	102%	<1000
1204028-02	04/09/12	T-320 EFFLUENT	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1204027-02	04/08/12	T-320 EFFLUENT	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	102%	<2500
1204026-02	04/07/12	T-320 EFFLUENT	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	106%	<2500
1204023-02	04/06/12	T-320 EFFLUENT	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	2940	<1000	101%	<1000	<1000	<1000	97.8%	<1000
1204020-02	04/05/12	T-320 EFFLUENT	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	1560	<1000	102%	<1000	<1000	<1000	98.2%	<1000
1204016-04	04/04/12	T-320 EFFLUENT	<500	<500	108%	<500	<500	<500	<500	<500	<500	<500	<500	105%	<500	<500	<500	101%	<500
1204013-04	04/03/12	T-320 EFFLUENT	<500	<500	101%	<500	<500	<500	<500	<500	<500	<500	<500	98.1%	<500	<500	<500	95.6%	<500
1204003-02	04/02/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	102%	<500	<500	<500	100%	<500
1204002-02	04/01/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	104%	<500	<500	<500	98.1%	<500
1204001-02	03/31/12	T-320 EFFLUENT	<500	<500	104%	<500	<500	<500	<500	<500	<500	<500	<500	102%	<500	<500	<500	99.6%	<500

T-320

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1304089-04	04/19/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304085-04	04/18/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304080-04	04/17/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304074-04	04/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304064-04	04/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304063-04	04/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304062-04	04/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304052-04	04/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304045-04	04/11/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304041-04	04/10/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304036-04	04/09/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304027-02	04/08/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-02	04/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304025-02	04/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304022-02	04/05/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304018-02	04/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-04	04/03/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304011-04	04/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1304003-02	04/01/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-02	03/31/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304001-02	03/30/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303135-01	03/29/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303133-02	03/28/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-04	03/27/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303119-04	03/26/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303113-02	03/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-02	03/24/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303111-02	03/23/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-04	03/22/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303098-04	03/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303089-02	03/20/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303083-02	03/19/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303072-02	03/18/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303071-02	03/17/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303070-02	03/16/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303066-02	03/15/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-04	03/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303055-04	03/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303052-04	03/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303041-02	03/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-02	03/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-02	03/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-02	03/08/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-02	03/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-02	03/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-04	03/05/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303011-04	03/04/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303010-04	03/03/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303009-04	03/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1303002-02	03/01/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-04	02/28/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302129-02	02/28/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302114-04	02/27/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302109-02	02/26/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-02	02/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-02	02/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-02	02/23/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-02	02/22/13	T-320 EFFLUENT	<10.0	<10.0	<10.0	<10.0	<30.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
1302090-04	02/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302083-04	02/20/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302076-04	02/19/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302069-02	02/18/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-04	02/17/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302067-04	02/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302065-04	02/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302059-04	02/14/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302049-04	02/13/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302041-04	02/12/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302032-02	02/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-02	02/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-02	02/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-02	02/08/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302023-02	02/07/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-04	02/06/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302016-04	02/05/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1302009-02	02/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-02	02/03/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302007-02	02/02/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1302001-04	02/01/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301138-04	01/31/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301126-04	01/30/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301122-04	01/29/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301116-02	01/28/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-02	01/27/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-02	01/26/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-02	01/25/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-04	01/24/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301094-04	01/23/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-02	01/22/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-04	01/21/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301082-04	01/20/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301081-02	01/19/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-04	01/18/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301066-02	01/17/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-04	01/16/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301053-04	01/15/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301043-02	01/14/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-02	01/13/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301041-02	01/12/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301039-02	01/11/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301035-02	01/10/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301029-02	01/09/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301025-04	01/08/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301018-04	01/07/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301017-02	01/06/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-02	01/05/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-02	01/04/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-02	01/03/13	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-04	01/02/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301001-04	01/01/13	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212125-02	12/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212124-02	12/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212123-02	12/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212121-02	12/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212118-02	12/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212108-02	12/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212107-04	12/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212102-02	12/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212101-02	12/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212100-02	12/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-04	12/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-04	12/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212085-04	12/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212075-02	12/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-02	12/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-02	12/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-02	12/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-02	12/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-02	12/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-02	12/12/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-04	12/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212033-04	12/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212032-02	12/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212031-02	12/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212026-02	12/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-02	12/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-04	12/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212009-02	12/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-02	12/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-02	12/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-02	12/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211118-02	11/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-02	11/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-02	11/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211101-02	11/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-04	11/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211097-04	11/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211096-02	11/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211088-02	11/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-02	11/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-04	11/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211079-04	11/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211072-02	11/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-02	11/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-02	11/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-02	11/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1211062-02	11/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211056-02	11/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211048-02	11/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-04	11/12/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211038-04	11/11/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211037-04	11/10/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211033-04	11/09/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211030-02	11/08/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211023-02	11/07/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1211020-02	11/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211015-04	11/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211014-04	11/04/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211013-04	11/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211009-04	11/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211004-04	11/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210148-04	10/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210142-04	10/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210132-04	10/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210131-04	10/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210130-04	10/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210126-04	10/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210120-04	10/25/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210113-04	10/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210109-04	10/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210099-02	10/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-02	10/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-02	10/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-02	10/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-02	10/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-02	10/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210079-04	10/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210071-02	10/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-02	10/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-02	10/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-04	10/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210062-04	10/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210056-02	10/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-02	10/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-02	10/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210040-02	10/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210039-02	10/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-04	10/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210025-02	10/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-02	10/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-04	10/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210003-02	10/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-02	09/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-02	09/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-04	09/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209123-04	09/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209116-02	09/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-02	09/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-02	09/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209105-02	09/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-02	09/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209099-02	09/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209094-04	09/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209088-02	09/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-02	09/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-02	09/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209071-04	09/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209063-04	09/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209052-04	09/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209044-04	09/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209035-04	09/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209034-04	09/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209033-04	09/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209027-02	09/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209018-02	09/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-04	09/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-02	09/04/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-02	09/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209002-02	09/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209001-02	09/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208113-04	08/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208108-04	08/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208104-04	08/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208097-04	08/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000

T-320

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1208089-02	08/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-02	08/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-02	08/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-02	08/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208079-04	08/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208075-04	08/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208070-02	08/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208065-02	08/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208064-02	08/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-02	08/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208061-02	08/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-04	08/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208053-04	08/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208050-02	08/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-02	08/13/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-02	08/12/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-02	08/11/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-04	08/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208027-02	08/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-04	08/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208016-04	08/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1208013-02	08/06/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-02	08/05/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-02	08/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-02	08/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-02	08/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-02	08/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-02	07/31/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-02	07/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-02	07/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-02	07/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-04	07/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207100-04	07/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-02	07/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-02	07/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-02	07/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-02	07/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207087-02	07/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207078-02	07/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207071-04	07/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207067-04	07/18/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207061-02	07/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207054-02	07/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207053-02	07/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207052-02	07/14/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207050-04	07/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207045-04	07/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207035-04	07/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207030-02	07/10/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-02	07/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-02	07/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-02	07/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-02	07/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207016-02	07/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207009-04	07/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1207002-02	07/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207003-02	07/01/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207004-02	06/30/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206112-02	06/29/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206109-04	06/28/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206105-04	06/27/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206099-04	06/26/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206093-02	06/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206092-02	06/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206091-02	06/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206087-02	06/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206086-02	06/21/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206082-04	06/20/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206077-04	06/19/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206072-02	06/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206071-02	06/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206070-02	06/16/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206063-02	06/15/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206061-04	06/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206056-04	06/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206046-02	06/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206039-02	06/11/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206038-02	06/10/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-320

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1206037-02	06/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206033-02	06/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206024-02	06/07/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206017-04	06/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206013-04	06/05/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1206006-02	06/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206005-02	06/03/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206004-02	06/02/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206001-04	06/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205166-02	05/31/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205160-04	05/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205147-02	05/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205138-02	05/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205131-02	05/24/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205124-04	05/23/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205117-04	05/22/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205105-02	05/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205104-02	05/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205103-02	05/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205101-02	05/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205097-04	05/17/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205090-04	05/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205084-04	05/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205074-04	05/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205073-04	05/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205072-04	05/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205067-04	05/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205059-04	05/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205049-02	05/09/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205044-02	05/08/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205036-02	05/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205035-02	05/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205034-04	05/05/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205028-04	05/04/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205022-04	05/03/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205013-04	05/02/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205001-04	05/01/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204137-04	04/30/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204136-04	04/29/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204135-02	04/28/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204130-02	04/27/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204125-02	04/26/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204117-04	04/25/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204111-02	04/24/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204102-02	04/23/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204101-02	04/22/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204100-02	04/21/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204096-02	04/20/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204090-02	04/19/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204084-02	04/18/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204078-02	04/17/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204064-04	04/16/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204063-04	04/15/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204062-04	04/14/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204057-04	04/13/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204049-04	04/12/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204044-02	04/11/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204039-02	04/10/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204028-02	04/09/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204027-02	04/08/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204026-02	04/07/12	T-320 EFFLUENT	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204023-02	04/06/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204020-02	04/05/12	T-320 EFFLUENT	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204016-04	04/04/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204013-04	04/03/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204003-02	04/02/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204002-02	04/01/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500
1204001-02	03/31/12	T-320 EFFLUENT	<500	<500	<500	<500	<1500	<500	<500	<500	<500	<500	<500

T-100

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1304089-05	04/19/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4700	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304085-05	04/18/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4200	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304080-05	04/17/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304074-05	04/16/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304064-05	04/15/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6580	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304063-05	04/14/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6550	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304062-05	04/13/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304052-05	04/12/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304045-05	04/11/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4140	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304041-05	04/10/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4580	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304036-05	04/09/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5930	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304027-03	04/08/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6760	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-03	04/07/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	19000	<2500	<2500	<2500	<2500	<2500	<2500	5360	<2500	<2500
1304025-03	04/06/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	25000	<2500	3100	<2500	<2500	<2500	<2500	7940	<2500	<2500
1304022-03	04/05/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13600	<2500	<2500	<2500	<2500	<2500	<2500	3340	<2500	<2500
1304018-03	04/04/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-05	04/03/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304011-05	04/02/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	56000	<2500	<2500	<2500	<2500	<2500	<2500	11200	<2500	<2500
1304003-03	04/01/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5960	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-03	03/31/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11000	<2500	<2500	<2500	<2500	<2500	<2500	3210	<2500	<2500
1304001-03	03/30/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	26500	<2500	4000	<2500	<2500	<2500	<2500	8220	<2500	<2500
1303135-02	03/29/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	23600	<2500	3580	<2500	<2500	<2500	<2500	7660	<2500	<2500
1303133-03	03/28/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	7570	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-05	03/27/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3550	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303119-05	03/26/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3330	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303113-03	03/25/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5070	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-03	03/24/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11900	<2500	<2500	<2500	<2500	<2500	<2500	4110	<2500	<2500
1303111-03	03/23/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2740	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-05	03/22/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	7280	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303098-05	03/21/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13300	<2500	<2500	<2500	<2500	<2500	<2500	3690	<2500	<2500
1303089-03	03/20/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	33900	<2500	<2500	<2500	<2500	<2500	<2500	10400	<2500	<2500
1303083-03	03/19/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91500	<2500	<2500	<2500	<2500	<2500	<2500	28300	<2500	<2500
1303088-01	03/19/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	85400	<2500	<2500	<2500	<2500	<2500	<2500	26500	<2500	<2500
1303072-03	03/18/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20600	<2500	<2500	<2500	<2500	<2500	<2500	6900	<2500	<2500
1303076-01	03/18/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100000	<2500	3360	<2500	<2500	<2500	<2500	34500	<2500	<2500
1303071-03	03/17/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11000	<2500	<2500	<2500	<2500	<2500	<2500	4050	<2500	<2500
1303066-03	03/15/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2960	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-05	03/14/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303055-05	03/13/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303052-05	03/12/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303041-03	03/11/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-03	03/10/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-03	03/09/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-03	03/08/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-03	03/07/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-03	03/06/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-05	03/05/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303011-05	03/04/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303010-05	03/03/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303009-05	03/02/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1303002-03	03/01/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-05	02/28/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	39200	<2500	<2500	<2500	<2500	<2500	<2500	15200	<2500	<2500
1302114-05	02/27/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	43400	<2500	<2500	<2500	<2500	<2500	<2500	17500	<2500	<2500
1302109-03	02/26/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2790	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-03	02/25/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2880	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-03	02/25/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3310	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-03	02/23/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3060	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-03	02/22/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302090-05	02/21/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302083-05	02/20/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4220	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302076-05	02/19/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13700	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302069-03	02/18/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-05	02/17/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302067-05	02/16/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302065-05	02/15/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302059-05	02/14/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302049-05	02/13/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302041-05	02/12/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302032-03	02/11/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-03	02/10/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-03	02/09/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4120	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-03	02/08/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6280	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302023-03	02/07/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-05	02/06/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302016-05	02/05/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302009-03	02/04/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3970	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-03	02/03/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10100	<2500	<2500	<2500	<2500	<2500	<2500	4120	<2500	<2500
1302007-03	02/02/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10900	<2500	<2500	<2500	<2500	<2500	<2500	4690	<2500	<2500

T-100

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1302001-05	02/01/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301138-05	01/31/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301126-05	01/30/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301122-05	01/29/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301116-03	01/28/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-03	01/27/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-03	01/26/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-03	01/25/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-05	01/24/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2850	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301094-05	01/23/13	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4390	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-03	01/22/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-05	01/21/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301082-05	01/20/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3150	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301081-03	01/19/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2780	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-05	01/18/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301066-03	01/17/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-05	01/16/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	7780	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301053-05	01/15/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301043-03	01/14/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2670	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-03	01/13/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10600	<2500	<2500	<2500	<2500	<2500	<2500	2680	<2500	<2500
1301041-03	01/12/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	18600	<2500	<2500	<2500	<2500	<2500	<2500	4860	<2500	<2500
1301039-03	01/11/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	42500	<2500	<2500	<2500	<2500	<2500	<2500	12700	<2500	<2500
1301035-03	01/10/13	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	34200	<5000	<5000	<5000	<5000	<5000	<5000	10600	<5000	<5000
1301029-03	01/09/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9340	<2500	<2500	<2500	<2500	<2500	<2500	3060	<2500	<2500
1301025-05	01/08/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301018-05	01/07/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500 [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301017-03	01/06/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-03	01/05/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-03	01/04/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-03	01/03/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-05	01/02/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1301001-05	01/01/13	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212125-03	12/31/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212124-03	12/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212123-03	12/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212121-03	12/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212118-03	12/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212108-03	12/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212107-05	12/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212102-03	12/24/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2340	<1000	<1000	<1000	<1000	<1000	<1000	1410	<1000	<1000
1212101-03	12/23/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2490	<1000	<1000	<1000	<1000	<1000	<1000	2020	<1000	<1000
1212100-03	12/22/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	6020	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-05	12/21/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	5740	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-05	12/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5480	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212085-05	12/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212075-03	12/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-03	12/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-03	12/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-03	12/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-03	12/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-03	12/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-03	12/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-05	12/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212033-05	12/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212032-03	12/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212031-03	12/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212026-03	12/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-03	12/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-05	12/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2640	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212009-03	12/04/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4240	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-03	12/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-03	12/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5640	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-03	12/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10700	<2500	<2500	<2500	<2500	<2500	<2500	3300	<2500	<2500
1211118-03	11/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-03	11/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-03	11/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211101-03	11/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2780	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-05	11/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211097-05	11/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211096-03	11/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4160	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211088-03	11/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9950	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-03	11/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2740	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-05	11/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211079-05	11/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211072-03	11/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-03	11/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-03	11/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2800	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-03	11/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1211062-03	11/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11400	<2500	<2500	<2500	<2500	<2500	<2500	2610	<2500	<2500
1211056-03	11/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20600	<2500	<2500	<2500	<2500	<2500	<2500	5420	<2500	<2500
1211048-03	11/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-05	11/12/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2870	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211038-05	11/11/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2470	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211037-05	11/10/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2140	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211033-05	11/09/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211030-03	11/08/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	2580	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1211023-03	11/07/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4360	<1000	<1000	<1000	<1000	<1000	<1000	1080	<1000	<1000
1211020-03	11/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211015-05	11/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211014-05	11/04/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211013-05	11/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211009-05	11/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1211004-05	11/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210148-05	10/31/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210142-05	10/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2890	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210132-05	10/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3080	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210131-05	10/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3810	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210130-05	10/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6290	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210126-05	10/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210120-05	10/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2700	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210113-05	10/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210109-05	10/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210099-03	10/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-03	10/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-03	10/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-03	10/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3640	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-03	10/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9480	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-03	10/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	20400	<2500	2780	<2500	<2500	<2500	<2500	6260	<2500	<2500
1210079-05	10/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14900	<2500	<2500	<2500	<2500	<2500	<2500	5440	<2500	<2500
1210071-03	10/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-03	10/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-03	10/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-05	10/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210062-05	10/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210056-03	10/10/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	10300	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-03	10/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-03	10/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	17600	<2500	<2500	<2500	<2500	<2500	<2500	2510	<2500	<2500
1210040-03	10/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	23000	<2500	<2500	<2500	<2500	<2500	<2500	5610	<2500	<2500
1210039-03	10/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9560	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-05	10/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210025-03	10/04/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-03	10/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-05	10/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1210003-03	10/01/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-03	09/30/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-03	09/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3220	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-05	09/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4160	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209123-05	09/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5680	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209116-03	09/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9820	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-03	09/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	14400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-03	09/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	24300	<2500	3650	<2500	<2500	<2500	<2500	7480	<2500	<2500
1209105-03	09/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	19100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-03	09/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	31500	<2500	3810	<2500	<2500	<2500	<2500	8340	<2500	<2500
1209099-03	09/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	30500	<2500	5380	<2500	<2500	<2500	<2500	12600	<2500	<2500
1209094-05	09/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209088-03	09/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-03	09/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-03	09/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209071-05	09/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209063-05	09/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209052-05	09/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209044-05	09/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209035-05	09/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209034-05	09/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8110	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209033-05	09/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209027-03	09/07/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4110	<1000	<1000	<1000	<1000	<1000	<1000	1510	<1000	<1000
1209018-03	09/06/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3050	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-05	09/05/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3340	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-03	09/04/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-03	09/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209002-03	09/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1209001-03	09/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208113-05	08/31/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208108-05	08/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208104-05	08/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208097-05	08/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1208089-03	08/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-03	08/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-03	08/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2540	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-03	08/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	9710	<2500	<2500	<2500	<2500	<2500	<2500	3200	<2500	<2500
1208079-05	08/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3800	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208075-05	08/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3620	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208070-03	08/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3840	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208065-03	08/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8440	<2500	<2500	<2500	<2500	<2500	<2500	2840	<2500	<2500
1208064-03	08/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5890	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-03	08/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10900	<2500	<2500	<2500	<2500	<2500	<2500	3510	<2500	<2500
1208061-03	08/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5730	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-05	08/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208053-05	08/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208050-03	08/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-03	08/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-03	08/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-03	08/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-05	08/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208027-03	08/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6210	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-05	08/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3730	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208016-05	08/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208013-03	08/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-03	08/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-03	08/04/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-03	08/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-03	08/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-03	08/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-03	07/31/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-03	07/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-03	07/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-03	07/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-05	07/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3040	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207100-05	07/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3420	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-03	07/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3050	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-03	07/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5330	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-03	07/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13800	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-03	07/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	45500	<2500	<2500	<2500	<2500	<2500	<2500	4580	<2500	<2500
1207087-03	07/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	54700 [1]	<2500	3010	<2500	<2500	<2500	<2500	11600	<2500	<2500
1207078-03	07/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	64700 [1]	<2500	4040	<2500	<2500	<2500	<2500	16000	<2500	<2500
1207071-05	07/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	12600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207067-05	07/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11000	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207061-03	07/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	17500	<2500	<2500	<2500	<2500	<2500	<2500	3210	<2500	<2500
1207054-03	07/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	29300	<2500	<2500	<2500	<2500	<2500	<2500	6240	<2500	<2500
1207053-03	07/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	68000 [1]	<2500	3920	<2500	<2500	<2500	<2500	21200	<2500	<2500
1207052-03	07/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	63800 [1]	<2500	8000	<2500	<2500	<2500	<2500	24600	<2500	<2500
1207050-05	07/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207045-05	07/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207035-05	07/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207030-03	07/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-03	07/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6350	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-03	07/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8730	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-03	07/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	12800	<2500	2970	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-03	07/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	29600	<2500	6410	<2500	<2500	<2500	<2500	8500	<2500	<2500
1207016-03	07/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	10400	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207009-05	07/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3860	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207002-03	07/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3330	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207003-03	07/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6310	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1207004-03	06/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13100	<2500	<2500	<2500	<2500	<2500	<2500	2650	<2500	<2500
1206112-03	06/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	31900	<2500	4300	<2500	<2500	<2500	<2500	7800	<2500	<2500
1206109-05	06/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206105-05	06/27/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206099-05	06/26/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206093-03	06/25/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4680	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206092-03	06/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	11200	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206091-03	06/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	18200	<2500	<2500	<2500	<2500	<2500	<2500	3540	<2500	<2500
1206087-03	06/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206086-03	06/21/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206082-05	06/20/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3050	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206077-05	06/19/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2520	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206072-03	06/18/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206071-03	06/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206070-03	06/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	8670	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206063-03	06/15/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	27300	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1206061-05	06/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4480	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206056-05	06/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4540	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206046-03	06/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	7860	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206039-03	06/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13600	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206038-03	06/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	16100	<2500	<2500	<2500	<2500	<2500	<2500	4640	<2500	<2500

T-100

SAMPLE ID	DATE		Chloromethane ug/L	Vinyl chloride ug/L	Bromomethane ug/L	Chloroethane ug/L	Trichlorofluoromethane ug/L	Diethyl ether ug/L	1,1,2-Trichloro-1,2,2-trifluoroethane ug/L	Acetone ug/L	1,1-Dichloroethene ug/L	Methylene chloride ug/L	Carbon disulfide ug/L	trans-1,2-Dichloroethene ug/L	1,1-Dichloroethane ug/L	Vinyl acetate ug/L	2-Butanone ug/L	Ethyl acetate ug/L	Chloroform ug/L
1206037-03	06/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15800	<2500	<2500	<2500	<2500	<2500	<2500	5130	<2500	<2500
1206033-03	06/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	16100	<2500	2790	<2500	<2500	<2500	<2500	6060	<2500	<2500
1206024-03	06/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206017-05	06/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206013-05	06/05/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1900	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1206006-03	06/04/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206005-03	06/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206004-03	06/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1206001-05	06/01/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	3400	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205166-03	05/31/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	4300	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205160-05	05/30/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1520	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205147-03	05/29/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000
1205138-03	05/25/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	44700	<5000	<5000	<5000	<5000	<5000	<5000	9720	<5000	<5000
1205131-03	05/24/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205124-05	05/23/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205117-05	05/22/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205105-03	05/21/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205104-03	05/20/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	7830	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205103-03	05/19/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	10900	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205101-03	05/18/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	9080	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205097-05	05/17/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3010	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205090-05	05/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205084-05	05/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3840	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205074-05	05/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205073-05	05/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2990	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205072-05	05/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3050	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205067-05	05/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3480	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205059-05	05/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2910	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205049-03	05/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6630	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205044-03	05/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	31800	<2500	<2500	<2500	<2500	<2500	<2500	9900	<2500	<2500
1205036-03	05/07/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	17600	<5000	<5000	<5000	<5000	<5000	<5000	5630	<5000	<5000
1205035-03	05/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4530	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205034-05	05/05/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205028-05	05/04/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	6300	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000
1205022-05	05/03/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4890	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205013-05	05/02/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6820	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1205001-05	05/01/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	15800	<2500	<2500	<2500	<2500	<2500	<2500	3650	<2500	<2500
1204137-05	04/30/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	13200	<2500	<2500	<2500	<2500	<2500	<2500	2920	<2500	<2500
1204136-05	04/29/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	19200	<2500	<2500	<2500	<2500	<2500	<2500	3820	<2500	<2500
1204135-03	04/28/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92600 [1]	<2500	<2500	<2500	<2500	<2500	<2500	22700	<2500	<2500
1204130-03	04/27/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	80800	<5000	<5000	<5000	<5000	<5000	<5000	18500	<5000	<5000
1204125-03	04/26/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	122000 [1]	<5000	<5000	<5000	<5000	<5000	<5000	30000	<5000	<5000
1204117-05	04/25/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	142000 [1]	<5000	<5000	<5000	<5000	<5000	<5000	36100	<5000	<5000
1204111-03	04/24/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	130000 [1]	<5000	<5000	<5000	<5000	<5000	<5000	34700	<5000	<5000
1204102-03	04/23/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	134000 [1]	<5000	<5000	<5000	<5000	<5000	<5000	35300	<5000	<5000
1204101-03	04/22/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	146000 [1]	<5000	<5000	<5000	<5000	<5000	<5000	38600	<5000	<5000
1204100-03	04/21/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	159000 [1]	<5000	5350	<5000	<5000	<5000	<5000	43200	<5000	<5000
1204096-03	04/20/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	166000 [1]	<5000	12100	<5000	<5000	<5000	<5000	51300	<5000	<5000
1204090-03	04/19/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	237000 [1]	<5000	31500	<5000	<5000	<5000	<5000	80500	<5000	<5000
1204084-03	04/18/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	218000 [1]	<5000	29400	<5000	<5000	<5000	<5000	75900	<5000	<5000
1204078-03	04/17/12	T-100	<5000	<5000	<5000	<5000	<5000	<5000	<5000	133000 [1]	<5000	17800	<5000	<5000	<5000	<5000	50900	<5000	<5000
1204064-05	04/16/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204063-05	04/15/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204062-05	04/14/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3390	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204057-05	04/13/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6980	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204049-05	04/12/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6070	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204044-03	04/11/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	6900	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500
1204039-03	04/10/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	23000	<2500	<2500	<2500	<2500	<2500	<2500	5470	<2500	<2500
1204028-03	04/09/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	46900	<2500	<2500	<2500	<2500	<2500	<2500	12900	<2500	<2500
1204027-03	04/08/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	66400 [1]	<2500	5850	<2500	<2500	<2500	<2500	20400	<2500	<2500
1204026-03	04/07/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91700 [1]	<2500	10400	<2500	<2500	<2500	<2500	30600	<2500	<2500
1204023-03	04/06/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101000 [1]	<2500	16400	<2500	<2500	<2500	<2500	37300	<2500	<2500
1204020-03	04/05/12	T-100	<2500	<2500	<2500	<2500	<2500	<2500	<2500	54900 [1]	<2500	10700	<2500	<2500	<2500	<2500	21900	<2500	<2500
1204016-05	04/04/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	7850	<1000	<1000	<1000	<1000	<1000	<1000	1090	<1000	<1000
1204013-05	04/03/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	7330	<1000	<1000	<1000	<1000	<1000	<1000	1080	<1000	<1000
1204003-03	04/02/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	9440	<1000	1190	<1000	<1000	<1000	<1000	2370	<1000	<1000
1204002-03	04/01/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	37200 [1]	<1000	4110	<1000	<1000	<1000	<1000	10200	<1000	<1000
1204001-03	03/31/12	T-100	<1000	<1000	<1000	<1000	<1000	<1000	<1000	50400 [1]	<1000	4340	<1000	<1000	<1000	<1000	14100	<1000	<1000

T-100

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1304089-05	04/19/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	97.9%	<2500
1304085-05	04/18/13	T-100	<2500	<2500	94.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500	93.7%	<2500
1304080-05	04/17/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.7%	<2500
1304074-05	04/16/13	T-100	<2500	<2500	102%	<2500	<2500	<2500 [1]	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	94.7%	<2500
1304064-05	04/15/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	98.7%	<2500
1304063-05	04/14/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	99.5%	<2500
1304062-05	04/13/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	99.1%	<2500
1304052-05	04/12/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	97.9%	<2500
1304045-05	04/11/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	104%	<2500
1304041-05	04/10/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	98.7%	<2500
1304036-05	04/09/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	101%	<2500
1304027-03	04/08/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	102%	<2500
1304026-03	04/07/13	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	103%	<2500
1304025-03	04/06/13	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.3%	<2500
1304022-03	04/05/13	T-100	<2500	<2500	116%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	105%	<2500
1304018-03	04/04/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.4%	<2500
1304014-05	04/03/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	100%	<2500
1304011-05	04/02/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	101%	<2500
1304003-03	04/01/13	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.1%	<2500
1304002-03	03/31/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.1%	<2500
1304001-03	03/30/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.6%	<2500
1303135-02	03/29/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.8%	<2500
1303133-03	03/28/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1303123-05	03/27/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	100%	<2500
1303119-05	03/26/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	97.2%	<2500
1303113-03	03/25/13	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.0%	<2500
1303112-03	03/24/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	100%	<2500
1303111-03	03/23/13	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	98.2%	<2500
1303105-05	03/22/13	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	103%	<2500
1303098-05	03/21/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.5%	<2500
1303089-03	03/20/13	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.5%	<2500
1303083-03	03/19/13	T-100	<2500	<2500	99.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.4%	<2500
1303088-01	03/19/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1303072-03	03/18/13	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	100%	<2500
1303076-01	03/18/13	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	3340	<2500	102%	<2500	<2500	<2500	100%	<2500
1303071-03	03/17/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1303066-03	03/15/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1303061-05	03/14/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1303055-05	03/13/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1303052-05	03/12/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	100%	<2500
1303041-03	03/11/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	101%	<2500
1303040-03	03/10/13	T-100	<2500	<2500	117%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	109%	<2500	<2500	<2500	102%	<2500
1303039-03	03/09/13	T-100	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	101%	<2500
1303037-03	03/08/13	T-100	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	98.8%	<2500
1303031-03	03/07/13	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.8%	<2500
1303025-03	03/06/13	T-100	<2500	<2500	116%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	99.6%	<2500
1303019-05	03/05/13	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	101%	<2500
1303011-05	03/04/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	102%	<2500
1303010-05	03/03/13	T-100	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	103%	<2500
1303009-05	03/02/13	T-100	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	110%	<2500	<2500	<2500	104%	<2500
1303002-03	03/01/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	103%	<2500
1302122-05	02/28/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	2610	<2500	103%	<2500	<2500	<2500	100%	<2500
1302114-05	02/27/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	2840	<2500	107%	<2500	<2500	<2500	104%	<2500
1302109-03	02/26/13	T-100	<2500	<2500	91.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.2%	<2500	<2500	<2500	92.7%	<2500
1302098-03	02/25/13	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.3%	<2500
1302099-03	02/25/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.0%	<2500
1302097-03	02/23/13	T-100	<2500	<2500	99.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	95.8%	<2500
1302094-03	02/22/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	96.7%	<2500
1302090-05	02/21/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.6%	<2500
1302083-05	02/20/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	93.4%	<2500
1302076-05	02/19/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.1%	<2500
1302069-03	02/18/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	96.2%	<2500
1302068-05	02/17/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	95.1%	<2500
1302067-05	02/16/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	95.1%	<2500
1302065-05	02/15/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	95.8%	<2500
1302059-05	02/14/13	T-100	<2500	<2500	99.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	94.5%	<2500
1302049-05	02/13/13	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	97.1%	<2500
1302041-05	02/12/13	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.9%	<2500
1302032-03	02/11/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	99.0%	<2500
1302031-03	02/10/13	T-100	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	99.2%	<2500
1302030-03	02/09/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1302025-03	02/08/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.0%	<2500
1302023-03	02/07/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	98.6%	<2500
1302019-05	02/06/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	97.4%	<2500
1302016-05	02/05/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.2%	<2500
1302009-03	02/04/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	94.0%	<2500
1302008-03	02/03/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	95.5%	<2500
1302007-03	02/02/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	95.7%	<2500

T-100

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1302001-05	02/01/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.1%	<2500
1301138-05	01/31/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	94.7%	<2500
1301126-05	01/30/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.4%	<2500
1301122-05	01/29/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	96.0%	<2500
1301116-03	01/28/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	92.5%	<2500
1301115-03	01/27/13	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.5%	<2500
1301114-03	01/26/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	96.4%	<2500
1301108-03	01/25/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	93.0%	<2500
1301105-05	01/24/13	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	95.7%	<2500
1301094-05	01/23/13	T-100	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	93.5%	<1000
1301090-03	01/22/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	94.2%	<2500
1301083-05	01/21/13	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	93.8%	<2500
1301082-05	01/20/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.8%	<2500
1301081-03	01/19/13	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	92.1%	<2500
1301072-05	01/18/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.6%	<2500
1301066-03	01/17/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	95.0%	<2500
1301061-05	01/16/13	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	96.3%	<2500
1301053-05	01/15/13	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	96.7%	<2500
1301043-03	01/14/13	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	97.2%	<2500
1301042-03	01/13/13	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	99.8%	<2500
1301041-03	01/12/13	T-100	<2500	<2500	92.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.3%	<2500	<2500	<2500	87.4%	<2500
1301039-03	01/11/13	T-100	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.0%	<2500
1301035-03	01/10/13	T-100	<5000	<5000	102%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	106%	<5000	<5000	<5000	101%	<5000
1301029-03	01/09/13	T-100	<2500	<2500	87.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.3%	<2500	<2500	<2500	90.5%	<2500
1301025-05	01/08/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.2%	<2500
1301018-05	01/07/13	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	96.8%	<2500
1301017-03	01/06/13	T-100	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	93.5%	<2500
1301016-03	01/05/13	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.0%	<2500
1301015-03	01/04/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.6%	<2500
1301007-03	01/03/13	T-100	<2500	<2500	92.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.4%	<2500	<2500	<2500	86.8%	<2500
1301002-05	01/02/13	T-100	<2500	<2500	99.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	95.1%	<2500
1301001-05	01/01/13	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.7%	<2500
1212125-03	12/31/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	98.3%	<2500
1212124-03	12/30/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	95.9%	<2500
1212123-03	12/29/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	102%	<2500
1212121-03	12/28/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	103%	<2500
1212118-03	12/27/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1212108-03	12/26/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	99.4%	<2500
1212107-05	12/25/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	100%	<2500
1212102-03	12/24/12	T-100	<1000	<1000	108%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	102%	<1000
1212101-03	12/23/12	T-100	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	109%	<1000	<1000	<1000	104%	<1000
1212100-03	12/22/12	T-100	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	108%	<1000	<1000	<1000	103%	<1000
1212097-05	12/21/12	T-100	<1000	<1000	110%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	107%	<1000	<1000	<1000	105%	<1000
1212092-05	12/20/12	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	105%	<2500
1212085-05	12/19/12	T-100	<2500	<2500	99.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	96.5%	<2500
1212075-03	12/18/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	110%	<2500	<2500	<2500	106%	<2500
1212067-03	12/17/12	T-100	<2500	<2500	94.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.7%	<2500	<2500	<2500	88.3%	<2500
1212068-03	12/16/12	T-100	<2500	<2500	97.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.1%	<2500	<2500	<2500	87.8%	<2500
1212069-03	12/15/12	T-100	<2500	<2500	96.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.6%	<2500	<2500	<2500	87.5%	<2500
1212060-03	12/14/12	T-100	<2500	<2500	98.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.4%	<2500	<2500	<2500	91.1%	<2500
1212053-03	12/13/12	T-100	<2500	<2500	89.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.3%	<2500	<2500	<2500	83.8% [3]	<2500
1212044-03	12/12/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.4%	<2500	<2500	<2500	91.2%	<2500
1212040-05	12/11/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.5%	<2500	<2500	<2500	89.6%	<2500
1212033-05	12/10/12	T-100	<2500	<2500	99.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.4%	<2500	<2500	<2500	89.0%	<2500
1212032-03	12/09/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.4%	<2500	<2500	<2500	90.1%	<2500
1212031-03	12/08/12	T-100	<2500	<2500	95.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.9%	<2500	<2500	<2500	83.6% [3]	<2500
1212026-03	12/07/12	T-100	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.7%	<2500	<2500	<2500	92.1%	<2500
1212022-03	12/06/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.0%	<2500	<2500	<2500	92.6%	<2500
1212015-05	12/05/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500	94.8%	<2500
1212009-03	12/04/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.4%	<2500	<2500	<2500	93.1%	<2500
1212003-03	12/03/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.3%	<2500
1212002-03	12/02/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	94.7%	<2500
1212001-03	12/01/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.4%	<2500
1211118-03	11/30/12	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	103%	<2500
1211111-03	11/29/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.1%	<2500
1211108-03	11/28/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	99.7%	<2500
1211101-03	11/27/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	94.1%	<2500
1211095-05	11/26/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	99.8%	<2500
1211097-05	11/25/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.7%	<2500
1211096-03	11/24/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	99.9%	<2500
1211088-03	11/23/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1211087-03	11/22/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	98.6%	<2500
1211084-05	11/21/12	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	104%	<2500
1211079-05	11/20/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.8%	<2500	<2500	<2500	94.3%	<2500
1211072-03	11/19/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.9%	<2500	<2500	<2500	93.4%	<2500
1211071-03	11/18/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.6%	<2500	<2500	<2500	93.7%	<2500
1211070-03	11/17/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.3%	<2500	<2500	<2500	94.0%	<2500
1211066-03	11/16/12	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500

T-100

			1,1,1-Trichloroethane	Carbon tetrachloride	1,2-Dichloroethane d4	1,2-Dichloroethane	Benzene	Trichloroethene	1,2-Dichloropropane	Bromodichloromethane	2-Chloroethylvinyl ether	4-Methyl-2-pentanone	cis-1,3-Dichloropropene	Toluene-d8	Toluene	trans-1,3-Dichloropropene	1,1,2-Trichloroethane	4-Bromofluorobenzene	2-Hexanone
SAMPLE ID	DATE		ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	[surr]	ug/L	ug/L	ug/L	[surr]	ug/L
1211062-03	11/15/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.8%	<2500
1211056-03	11/14/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	96.0%	<2500
1211048-03	11/13/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	101%	<2500
1211039-05	11/12/12	T-100	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	99.6%	<1000
1211038-05	11/11/12	T-100	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	96.2%	<1000
1211037-05	11/10/12	T-100	<1000	<1000	98.6%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.7%	<1000	<1000	<1000	93.3%	<1000
1211033-05	11/09/12	T-100	<1000	<1000	103%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	98.8%	<1000
1211030-03	11/08/12	T-100	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	105%	<1000	<1000	<1000	99.9%	<1000
1211023-03	11/07/12	T-100	<1000	<1000	106%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	106%	<1000	<1000	<1000	101%	<1000
1211020-03	11/06/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	96.8%	<2500
1211015-05	11/05/12	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	112%	<2500	<2500	<2500	105%	<2500
1211014-05	11/04/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	100%	<2500
1211013-05	11/03/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	103%	<2500
1211009-05	11/02/12	T-100	<2500	<2500	97.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	94.1%	<2500
1211004-05	11/01/12	T-100	<2500	<2500	91.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.1%	<2500	<2500	<2500	88.9%	<2500
1210148-05	10/31/12	T-100	<2500	<2500	94.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.0%	<2500	<2500	<2500	89.6%	<2500
1210142-05	10/30/12	T-100	<2500	<2500	91.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.0%	<2500	<2500	<2500	89.4%	<2500
1210132-05	10/29/12	T-100	<2500	<2500	94.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.1%	<2500	<2500	<2500	91.7%	<2500
1210131-05	10/28/12	T-100	<2500	<2500	93.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	90.8%	<2500
1210130-05	10/27/12	T-100	<2500	<2500	95.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.5%	<2500	<2500	<2500	93.1%	<2500
1210126-05	10/26/12	T-100	<2500	<2500	95.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	92.5%	<2500
1210120-05	10/25/12	T-100	<2500	<2500	92.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.0%	<2500	<2500	<2500	90.0%	<2500
1210113-05	10/24/12	T-100	<2500	<2500	95.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.0%	<2500	<2500	<2500	94.4%	<2500
1210109-05	10/23/12	T-100	<2500	<2500	95.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.6%	<2500	<2500	<2500	94.5%	<2500
1210099-03	10/22/12	T-100	<2500	<2500	116%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	108%	<2500	<2500	<2500	105%	<2500
1210098-03	10/21/12	T-100	<2500	<2500	95.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	94.0%	<2500
1210097-03	10/20/12	T-100	<2500	<2500	121% [1]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	112%	<2500	<2500	<2500	109%	<2500
1210092-03	10/19/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	106%	<2500	<2500	<2500	102%	<2500
1210087-03	10/18/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	100%	<2500
1210082-03	10/17/12	T-100	<2500	<2500	115%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.8%	<2500
1210079-05	10/16/12	T-100	<2500	<2500	114%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	99.9%	<2500
1210071-03	10/15/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.2%	<2500	<2500	<2500	93.4%	<2500
1210070-03	10/14/12	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.3%	<2500
1210069-03	10/13/12	T-100	<2500	<2500	113%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	101%	<2500
1210067-05	10/12/12	T-100	<2500	<2500	112%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.4%	<2500	<2500	<2500	98.7%	<2500
1210062-05	10/11/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500	96.1%	<2500
1210056-03	10/10/12	T-100	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	103%	<1000
1210050-03	10/09/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.3%	<2500	<2500	<2500	97.7%	<2500
1210041-03	10/08/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	96.3%	<2500
1210040-03	10/07/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	98.9%	<2500
1210039-03	10/06/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.8%	<2500
1210032-05	10/05/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	98.7%	<2500
1210025-03	10/04/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.4%	<2500	<2500	<2500	91.4%	<2500
1210020-03	10/03/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500	99.1%	<2500
1210015-05	10/02/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.6%	<2500	<2500	<2500	93.1%	<2500
1210003-03	10/01/12	T-100	<1000	<1000	114%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	103%	<1000	<1000	<1000	102%	<1000
1210002-03	09/30/12	T-100	<1000	<1000	111%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	99.0%	<1000
1210001-03	09/29/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	99.8%	<2500
1209126-05	09/28/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	100%	<2500
1209123-05	09/27/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	97.5%	<2500
1209116-03	09/26/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.1%	<2500
1209112-03	09/25/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	98.6%	<2500
1209103-03	09/24/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	97.8%	<2500
1209105-03	09/24/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	98.2%	<2500
1209104-03	09/23/12	T-100	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.3%	<2500	<2500	<2500	92.3%	<2500
1209099-03	09/21/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.4%	<2500
1209094-05	09/20/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.3%	<2500	<2500	<2500	96.8%	<2500
1209088-03	09/19/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.5%	<2500	<2500	<2500	98.4%	<2500
1209083-03	09/18/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.6%	<2500	<2500	<2500	97.3%	<2500
1209075-03	09/17/12	T-100	<2500	<2500	94.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.0%	<2500	<2500	<2500	95.3%	<2500
1209071-05	09/14/12	T-100	<2500	<2500	91.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.1%	<2500	<2500	<2500	96.3%	<2500
1209063-05	09/13/12	T-100	<2500	<2500	85.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.9%	<2500	<2500	<2500	93.2%	<2500
1209052-05	09/12/12	T-100	<2500	<2500	94.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.9%	<2500	<2500	<2500	94.7%	<2500
1209044-05	09/11/12	T-100	<2500	<2500	91.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.3%	<2500	<2500	<2500	94.0%	<2500
1209035-05	09/10/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.2%	<2500	<2500	<2500	95.0%	<2500
1209034-05	09/09/12	T-100	<2500	<2500	90.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.7%	<2500	<2500	<2500	95.6%	<2500
1209033-05	09/08/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.8%	<2500	<2500	<2500	95.0%	<2500
1209027-03	09/07/12	T-100	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	99.6%	<1000	<1000	<1000	97.6%	<1000
1209018-03	09/06/12	T-100	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	98.1%	<1000
1209013-05	09/05/12	T-100	<1000	<1000	100%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	97.1%	<1000	<1000	<1000	95.3%	<1000
1209004-03	09/04/12	T-100	<1000	<1000	97.3%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	95.7%	<1000	<1000	<1000	93.6%	<1000
1209003-03	09/03/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	97.9%	<2500
1209002-03	09/02/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500	96.1%	<2500
1209001-03	09/01/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.8%	<2500	<2500	<2500	95.5%	<2500
1208113-05	08/31/12	T-100	<2500	<2500	97.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	94.5%	<2500
1208108-05	08/30/12	T-100	<2500	<2500	99.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.8%	<2500	<2500	<2500	95.2%	<2500
1208104-05	08/29/12	T-100	<2500	<2500	99.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.9%	<2500	<2500	<2500	94.2%	<2500
1208097-05	08/28/12	T-100	<2500	<2500	98.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	94.9%	<2500

T-100

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1208089-03	08/27/12	T-100	<2500	<2500	92.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	90.5%	<2500
1208088-03	08/26/12	T-100	<2500	<2500	90.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	89.2%	<2500
1208087-03	08/25/12	T-100	<2500	<2500	88.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.6%	<2500	<2500	<2500	86.4%	<2500
1208081-03	08/24/12	T-100	<2500	<2500	92.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	92.7%	<2500
1208079-05	08/23/12	T-100	<2500	<2500	95.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	92.5%	<2500
1208075-05	08/22/12	T-100	<2500	<2500	92.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	94.7%	<2500
1208070-03	08/21/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	96.7%	<2500
1208065-03	08/20/12	T-100	<2500	<2500	97.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	94.7%	<2500
1208064-03	08/19/12	T-100	<2500	<2500	97.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	94.4%	<2500
1208063-03	08/18/12	T-100	<2500	<2500	95.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	94.3%	<2500
1208061-03	08/17/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	100%	<2500
1208057-05	08/16/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	96.7%	<2500
1208053-05	08/15/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	93.7%	<2500
1208050-03	08/14/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	97.3%	<2500
1208046-03	08/13/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.9%	<2500
1208045-03	08/12/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	95.4%	<2500
1208044-03	08/11/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	99.0%	<2500
1208040-05	08/10/12	T-100	<2500	<2500	95.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.2%	<2500	<2500	<2500	92.1%	<2500
1208027-03	08/09/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	96.7%	<2500
1208022-05	08/08/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.7%	<2500
1208016-05	08/07/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.2%	<2500
1208013-03	08/06/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.5%	<2500
1208012-03	08/05/12	T-100	<2500	<2500	98.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.8%	<2500	<2500	<2500	96.3%	<2500
1208011-03	08/04/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.0%	<2500
1208009-03	08/03/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	100%	<2500
1208004-03	08/02/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.2%	<2500
1208001-03	08/01/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.3%	<2500
1207110-03	07/31/12	T-100	<2500	<2500	89.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	96.4%	<2500
1207106-03	07/30/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	96.3%	<2500
1207105-03	07/29/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	98.5%	<2500
1207104-03	07/28/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.3%	<2500	<2500	<2500	95.9%	<2500
1207102-05	07/27/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	97.9%	<2500
1207100-05	07/26/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	95.1%	<2500
1207095-03	07/25/12	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	100%	<2500
1207091-03	07/24/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.6%	<2500	<2500	<2500	94.0%	<2500
1207085-03	07/23/12	T-100	<2500	<2500	96.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.3%	<2500	<2500	<2500	89.4%	<2500
1207086-03	07/22/12	T-100	<2500	<2500	118% [3]	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	103%	<2500
1207087-03	07/21/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	89.9%	<2500	<2500	<2500	91.5%	<2500
1207078-03	07/20/12	T-100	<2500	<2500	98.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.4%	<2500	<2500	<2500	92.1%	<2500
1207071-05	07/19/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.7%	<2500	<2500	<2500	95.5%	<2500
1207067-05	07/18/12	T-100	<2500	<2500	100%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	92.4%	<2500	<2500	<2500	92.9%	<2500
1207061-03	07/17/12	T-100	<2500	<2500	95.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	90.4%	<2500	<2500	<2500	89.8%	<2500
1207054-03	07/16/12	T-100	<2500	<2500	86.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	87.2%	<2500	<2500	<2500	85.7%	<2500
1207053-03	07/15/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.7%	<2500	<2500	<2500	97.9%	<2500
1207052-03	07/14/12	T-100	<2500	<2500	99.7%	<2500	<2500	<2500	<2500	<2500	<2500	3620	<2500	96.0%	<2500	<2500	<2500	95.9%	<2500
1207050-05	07/13/12	T-100	<2500	<2500	92.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.2%	<2500	<2500	<2500	92.3%	<2500
1207045-05	07/12/12	T-100	<2500	<2500	94.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.2%	<2500	<2500	<2500	94.1%	<2500
1207035-05	07/11/12	T-100	<2500	<2500	89.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.5%	<2500	<2500	<2500	91.9%	<2500
1207030-03	07/10/12	T-100	<2500	<2500	91.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	93.8%	<2500	<2500	<2500	92.5%	<2500
1207022-03	07/09/12	T-100	<2500	<2500	98.7%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.9%	<2500	<2500	<2500	94.9%	<2500
1207023-03	07/08/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.6%	<2500	<2500	<2500	97.8%	<2500
1207024-03	07/07/12	T-100	<2500	<2500	99.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.6%	<2500	<2500	<2500	94.2%	<2500
1207018-03	07/06/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.1%	<2500	<2500	<2500	99.1%	<2500
1207016-03	07/05/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.3%	<2500	<2500	<2500	95.4%	<2500
1207009-05	07/03/12	T-100	<2500	<2500	98.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.2%	<2500	<2500	<2500	92.9%	<2500
1207002-03	07/02/12	T-100	<2500	<2500	98.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.7%	<2500	<2500	<2500	96.2%	<2500
1207003-03	07/01/12	T-100	<2500	<2500	97.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.2%	<2500	<2500	<2500	95.4%	<2500
1207004-03	06/30/12	T-100	<2500	<2500	99.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.0%	<2500	<2500	<2500	94.3%	<2500
1206112-03	06/29/12	T-100	<2500	<2500	99.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.0%	<2500
1206109-05	06/28/12	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	100%	<2500
1206105-05	06/27/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.0%	<2500	<2500	<2500	97.7%	<2500
1206099-05	06/26/12	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	101%	<2500
1206093-03	06/25/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	103%	<2500
1206092-03	06/24/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.8%	<2500	<2500	<2500	97.0%	<2500
1206091-03	06/23/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.0%	<2500	<2500	<2500	99.8%	<2500
1206087-03	06/22/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.3%	<2500	<2500	<2500	99.1%	<2500
1206086-03	06/21/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	102%	<2500
1206082-05	06/20/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	100%	<2500
1206077-05	06/19/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	101%	<2500
1206072-03	06/18/12	T-100	<2500	<2500	98.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500	97.2%	<2500
1206071-03	06/17/12	T-100	<2500	<2500	107%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	102%	<2500
1206070-03	06/16/12	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	104%	<2500
1206063-03	06/15/12	T-100	<5000	<5000	106%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	103%	<5000	<5000	<5000	102%	<5000
1206061-05	06/14/12	T-100	<2500	<2500	92.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.8%	<2500	<2500	<2500	90.5%	<2500
1206056-05	06/13/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.0%	<2500
1206046-03	06/12/12	T-100	<2500	<2500	94.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	91.5%	<2500	<2500	<2500	90.2%	<2500
1206039-03	06/11/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	98.6%	<2500
1206038-03	06/10/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.9%	<2500	<2500	<2500	98.5%	<2500

T-100

SAMPLE ID	DATE		1,1,1-Trichloroethane ug/L	Carbon tetrachloride ug/L	1,2-Dichloroethane d4 [surr]	1,2-Dichloroethane ug/L	Benzene ug/L	Trichloroethene ug/L	1,2-Dichloropropane ug/L	Bromodichloromethane ug/L	2-Chloroethylvinyl ether ug/L	4-Methyl-2-pentanone ug/L	cis-1,3-Dichloropropene ug/L	Toluene-d8 [surr]	Toluene ug/L	trans-1,3-Dichloropropene ug/L	1,1,2-Trichloroethane ug/L	4-Bromofluorobenzene [surr]	2-Hexanone ug/L
1206037-03	06/09/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	102%	<2500
1206033-03	06/08/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	99.4%	<2500
1206024-03	06/07/12	T-100	<2500	<2500	105%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	103%	<2500
1206017-05	06/06/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	102%	<2500
1206013-05	06/05/12	T-100	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	99.3%	<1000
1206006-03	06/04/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.1%	<2500
1206005-03	06/03/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	100%	<2500
1206004-03	06/02/12	T-100	<2500	<2500	104%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	98.4%	<2500
1206001-05	06/01/12	T-100	<1000	<1000	99.2%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.2%	<1000	<1000	<1000	95.1%	<1000
1205166-03	05/31/12	T-100	<1000	<1000	105%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	104%	<1000	<1000	<1000	101%	<1000
1205160-05	05/30/12	T-100	<1000	<1000	99.5%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	98.2%	<1000	<1000	<1000	96.0%	<1000
1205147-03	05/29/12	T-100	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	98.2%	<1000
1205138-03	05/25/12	T-100	<5000	<5000	99.1%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	96.5%	<5000	<5000	<5000	93.3%	<5000
1205131-03	05/24/12	T-100	<2500	<2500	103%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	95.8%	<2500
1205124-05	05/23/12	T-100	<2500	<2500	97.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	94.2%	<2500	<2500	<2500	92.6%	<2500
1205117-05	05/22/12	T-100	<2500	<2500	99.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.5%	<2500	<2500	<2500	94.1%	<2500
1205105-03	05/21/12	T-100	<5000	<5000	122% [2]	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	114%	<5000	<5000	<5000	112%	<5000
1205104-03	05/20/12	T-100	<5000	<5000	104%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	96.8%	<5000	<5000	<5000	95.0%	<5000
1205103-03	05/19/12	T-100	<5000	<5000	107%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	98.5%	<5000	<5000	<5000	99.0%	<5000
1205101-03	05/18/12	T-100	<5000	<5000	111%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	104%	<5000	<5000	<5000	102%	<5000
1205097-05	05/17/12	T-100	<2500	<2500	86.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.4%	<2500	<2500	<2500	91.8%	<2500
1205090-05	05/16/12	T-100	<2500	<2500	90.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.7%	<2500	<2500	<2500	92.8%	<2500
1205084-05	05/15/12	T-100	<2500	<2500	93.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.9%	<2500	<2500	<2500	95.9%	<2500
1205074-05	05/14/12	T-100	<2500	<2500	91.5%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	94.4%	<2500
1205073-05	05/13/12	T-100	<2500	<2500	89.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	97.4%	<2500	<2500	<2500	93.9%	<2500
1205072-05	05/12/12	T-100	<2500	<2500	88.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	95.8%	<2500	<2500	<2500	91.9%	<2500
1205067-05	05/11/12	T-100	<2500	<2500	92.1%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.4%	<2500	<2500	<2500	94.2%	<2500
1205059-05	05/10/12	T-100	<2500	<2500	97.6%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	99.5%	<2500
1205049-03	05/09/12	T-100	<2500	<2500	96.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.2%	<2500	<2500	<2500	97.8%	<2500
1205044-03	05/08/12	T-100	<2500	<2500	94.4%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	96.1%	<2500	<2500	<2500	95.0%	<2500
1205036-03	05/07/12	T-100	<5000	<5000	94.2%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	101%	<5000	<5000	<5000	96.0%	<5000
1205035-03	05/06/12	T-100	<2500	<2500	99.9%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	101%	<2500
1205034-05	05/05/12	T-100	<5000	<5000	98.0%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	98.8%	<5000	<5000	<5000	97.4%	<5000
1205028-05	05/04/12	T-100	<5000	<5000	98.1%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	98.8%	<5000	<5000	<5000	97.1%	<5000
1205022-05	05/03/12	T-100	<2500	<2500	96.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	98.6%	<2500	<2500	<2500	98.2%	<2500
1205013-05	05/02/12	T-100	<2500	<2500	97.2%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	98.9%	<2500
1205001-05	05/01/12	T-100	<2500	<2500	94.0%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	94.8%	<2500
1204137-05	04/30/12	T-100	<2500	<2500	97.3%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	103%	<2500	<2500	<2500	97.7%	<2500
1204136-05	04/29/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	100%	<2500
1204135-03	04/28/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	110%	<2500
1204130-03	04/27/12	T-100	<5000	<5000	102%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	100%	<5000	<5000	<5000	100%	<5000
1204125-03	04/26/12	T-100	<5000	<5000	104%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	102%	<5000	<5000	<5000	104%	<5000
1204117-05	04/25/12	T-100	<5000	<5000	101%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	99.8%	<5000	<5000	<5000	98.9%	<5000
1204111-03	04/24/12	T-100	<5000	<5000	101%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	99.8%	<5000	<5000	<5000	97.5%	<5000
1204102-03	04/23/12	T-100	<5000	<5000	106%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	102%	<5000	<5000	<5000	102%	<5000
1204101-03	04/22/12	T-100	<5000	<5000	103%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	102%	<5000	<5000	<5000	100%	<5000
1204100-03	04/21/12	T-100	<5000	<5000	104%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	101%	<5000	<5000	<5000	99.7%	<5000
1204096-03	04/20/12	T-100	<5000	<5000	103%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	102%	<5000	<5000	<5000	100%	<5000
1204090-03	04/19/12	T-100	<5000	<5000	112%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	9950	<5000	110%	<5000	<5000	<5000	107%	<5000
1204084-03	04/18/12	T-100	<5000	<5000	110%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	9190	<5000	109%	<5000	<5000	<5000	108%	<5000
1204078-03	04/17/12	T-100	<5000	<5000	103%	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	<5000	102%	<5000	<5000	<5000	101%	<5000
1204064-05	04/16/12	T-100	<2500	<2500	106%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	107%	<2500	<2500	<2500	103%	<2500
1204063-05	04/15/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	99.7%	<2500	<2500	<2500	97.7%	<2500
1204062-05	04/14/12	T-100	<2500	<2500	103%	<2500	<2500	3430	<2500	<2500	<2500	<2500	<2500	<2500	104%	<2500	<2500	<2500	100%	<2500
1204057-05	04/13/12	T-100	<2500	<2500	102%	<2500	<2500	4160	<2500	<2500	<2500	<2500	<2500	<2500	102%	<2500	<2500	<2500	99.6%	<2500
1204049-05	04/12/12	T-100	<2500	<2500	98.9%	<2500	<2500	3910	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.3%	<2500
1204044-03	04/11/12	T-100	<2500	<2500	96.8%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	100%	<2500	<2500	<2500	97.5%	<2500
1204039-03	04/10/12	T-100	<2500	<2500	102%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	101%	<2500	<2500	<2500	97.0%	<2500
1204028-03	04/09/12	T-100	<2500	<2500	109%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	<2500	105%	<2500	<2500	<2500	102%	<2500
1204027-03	04/08/12	T-100	<2500	<2500	111%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	2940	<2500	106%	<2500	<2500	<2500	104%	<2500
1204026-03	04/07/12	T-100	<2500	<2500	110%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	4390	<2500	104%	<2500	<2500	<2500	102%	<2500
1204023-03	04/06/12	T-100	<2500	<2500	101%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	5140	<2500	101%	<2500	<2500	<2500	98.9%	<2500
1204020-03	04/05/12	T-100	<2500	<2500	108%	<2500	<2500	<2500	<2500	<2500	<2500	<2500	3180	<2500	105%	<2500	<2500	<2500	103%	<2500
1204016-05	04/04/12	T-100	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	99.0%	<1000
1204013-05	04/03/12	T-100	<1000	<1000	104%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	101%	<1000	<1000	<1000	97.4%	<1000
1204003-03	04/02/12	T-100	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	102%	<1000	<1000	<1000	98.6%	<1000
1204002-03	04/01/12	T-100	<1000	<1000	102%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1100	<1000	98.1%	<1000	<1000	<1000	95.7%	<1000
1204001-03	03/31/12	T-100	<1000	<1000	107%	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1320	<1000	104%	<1000	<1000	<1000	101%	<1000

T-100

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1304089-05	04/19/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304085-05	04/18/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304080-05	04/17/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304074-05	04/16/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304064-05	04/15/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304063-05	04/14/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304062-05	04/13/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304052-05	04/12/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304045-05	04/11/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304041-05	04/10/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304036-05	04/09/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304027-03	04/08/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304026-03	04/07/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304025-03	04/06/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304022-03	04/05/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304018-03	04/04/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304014-05	04/03/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304011-05	04/02/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304003-03	04/01/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304002-03	03/31/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1304001-03	03/30/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303135-02	03/29/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303133-03	03/28/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303123-05	03/27/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303119-05	03/26/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303113-03	03/25/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303112-03	03/24/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303111-03	03/23/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303105-05	03/22/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303098-05	03/21/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303089-03	03/20/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303083-03	03/19/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303088-01	03/19/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303072-03	03/18/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303076-01	03/18/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303071-03	03/17/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303066-03	03/15/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303061-05	03/14/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303055-05	03/13/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303052-05	03/12/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303041-03	03/11/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303040-03	03/10/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303039-03	03/09/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303037-03	03/08/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303031-03	03/07/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303025-03	03/06/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303019-05	03/05/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303011-05	03/04/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303010-05	03/03/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303009-05	03/02/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1303002-03	03/01/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302122-05	02/28/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302114-05	02/27/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302109-03	02/26/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302098-03	02/25/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302099-03	02/25/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302097-03	02/23/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302094-03	02/22/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302090-05	02/21/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302083-05	02/20/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302076-05	02/19/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302069-03	02/18/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302068-05	02/17/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302067-05	02/16/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302065-05	02/15/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302059-05	02/14/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302049-05	02/13/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302041-05	02/12/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302032-03	02/11/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302031-03	02/10/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302030-03	02/09/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302025-03	02/08/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302023-03	02/07/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302019-05	02/06/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302016-05	02/05/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302009-03	02/04/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302008-03	02/03/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1302007-03	02/02/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1302001-05	02/01/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301138-05	01/31/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301126-05	01/30/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301122-05	01/29/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301116-03	01/28/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301115-03	01/27/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301114-03	01/26/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301108-03	01/25/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301105-05	01/24/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301094-05	01/23/13	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1301090-03	01/22/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301083-05	01/21/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301082-05	01/20/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301081-03	01/19/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301072-05	01/18/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301066-03	01/17/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301061-05	01/16/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301053-05	01/15/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301043-03	01/14/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301042-03	01/13/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301041-03	01/12/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301039-03	01/11/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301035-03	01/10/13	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1301029-03	01/09/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301025-05	01/08/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301018-05	01/07/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301017-03	01/06/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301016-03	01/05/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301015-03	01/04/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301007-03	01/03/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301002-05	01/02/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1301001-05	01/01/13	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212125-03	12/31/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212124-03	12/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212123-03	12/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212121-03	12/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212118-03	12/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212108-03	12/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212107-05	12/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212102-03	12/24/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212101-03	12/23/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212100-03	12/22/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212097-05	12/21/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1212092-05	12/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212085-05	12/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212075-03	12/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212067-03	12/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212068-03	12/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212069-03	12/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212060-03	12/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212053-03	12/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212044-03	12/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212040-05	12/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212033-05	12/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212032-03	12/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212031-03	12/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212026-03	12/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212022-03	12/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212015-05	12/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212009-03	12/04/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212003-03	12/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212002-03	12/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1212001-03	12/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211118-03	11/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211111-03	11/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211108-03	11/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211101-03	11/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211095-05	11/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211097-05	11/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211096-03	11/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211088-03	11/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211087-03	11/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211084-05	11/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211079-05	11/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211072-03	11/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211071-03	11/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211070-03	11/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211066-03	11/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1211062-03	11/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211056-03	11/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211048-03	11/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211039-05	11/12/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211038-05	11/11/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211037-05	11/10/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211033-05	11/09/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211030-03	11/08/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211023-03	11/07/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1211020-03	11/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211015-05	11/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211014-05	11/04/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211013-05	11/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211009-05	11/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1211004-05	11/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210148-05	10/31/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210142-05	10/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210132-05	10/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210131-05	10/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210130-05	10/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210126-05	10/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210120-05	10/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210113-05	10/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210109-05	10/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210099-03	10/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210098-03	10/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210097-03	10/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210092-03	10/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210087-03	10/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210082-03	10/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210079-05	10/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210071-03	10/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210070-03	10/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210069-03	10/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210067-05	10/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210062-05	10/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210056-03	10/10/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210050-03	10/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210041-03	10/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210040-03	10/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210039-03	10/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210032-05	10/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210025-03	10/04/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210020-03	10/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210015-05	10/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1210003-03	10/01/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210002-03	09/30/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1210001-03	09/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209126-05	09/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209123-05	09/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209116-03	09/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209112-03	09/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209103-03	09/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209105-03	09/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209104-03	09/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209099-03	09/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209094-05	09/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209088-03	09/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209083-03	09/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209075-03	09/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209071-05	09/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209063-05	09/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209052-05	09/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209044-05	09/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209035-05	09/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209034-05	09/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209033-05	09/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209027-03	09/07/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209018-03	09/06/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209013-05	09/05/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209004-03	09/04/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1209003-03	09/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209002-03	09/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1209001-03	09/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208113-05	08/31/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208108-05	08/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208104-05	08/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208097-05	08/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1208089-03	08/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208088-03	08/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208087-03	08/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208081-03	08/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208079-05	08/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208075-05	08/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208070-03	08/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208065-03	08/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208064-03	08/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208063-03	08/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208061-03	08/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208057-05	08/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208053-05	08/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208050-03	08/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208046-03	08/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208045-03	08/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208044-03	08/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208040-05	08/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208027-03	08/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208022-05	08/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208016-05	08/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208013-03	08/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208012-03	08/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208011-03	08/04/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208009-03	08/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208004-03	08/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1208001-03	08/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207110-03	07/31/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207106-03	07/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207105-03	07/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207104-03	07/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207102-05	07/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207100-05	07/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207095-03	07/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207091-03	07/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207085-03	07/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207086-03	07/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207087-03	07/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207078-03	07/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207071-05	07/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207067-05	07/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207061-03	07/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207054-03	07/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207053-03	07/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207052-03	07/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207050-05	07/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207045-05	07/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207035-05	07/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207030-03	07/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207022-03	07/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207023-03	07/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207024-03	07/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207018-03	07/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207016-03	07/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207009-05	07/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207002-03	07/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207003-03	07/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1207004-03	06/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206112-03	06/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206109-05	06/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206105-05	06/27/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206099-05	06/26/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206093-03	06/25/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206092-03	06/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206091-03	06/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206087-03	06/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206086-03	06/21/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206082-05	06/20/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206077-05	06/19/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206072-03	06/18/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206071-03	06/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206070-03	06/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206063-03	06/15/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1206061-05	06/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206056-05	06/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206046-03	06/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206039-03	06/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206038-03	06/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500

T-100

			Tetrachloroethene	Dibromochloromethane	Chlorobenzene	Ethylbenzene	Xylenes, total	Styrene	Bromoform	1,1,2,2-Tetrachloroethane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene
SAMPLE ID	DATE		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1206037-03	06/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206033-03	06/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206024-03	06/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206017-05	06/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206013-05	06/05/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1206006-03	06/04/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206005-03	06/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206004-03	06/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1206001-05	06/01/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205166-03	05/31/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205160-05	05/30/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205147-03	05/29/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1205138-03	05/25/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205131-03	05/24/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205124-05	05/23/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205117-05	05/22/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205105-03	05/21/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205104-03	05/20/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205103-03	05/19/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205101-03	05/18/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205097-05	05/17/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205090-05	05/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205084-05	05/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205074-05	05/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205073-05	05/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205072-05	05/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205067-05	05/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205059-05	05/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205049-03	05/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205044-03	05/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205036-03	05/07/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205035-03	05/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205034-05	05/05/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205028-05	05/04/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1205022-05	05/03/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205013-05	05/02/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1205001-05	05/01/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204137-05	04/30/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204136-05	04/29/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204135-03	04/28/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204130-03	04/27/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204125-03	04/26/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204117-05	04/25/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204111-03	04/24/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204102-03	04/23/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204101-03	04/22/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204100-03	04/21/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204096-03	04/20/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204090-03	04/19/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204084-03	04/18/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204078-03	04/17/12	T-100	<5000	<5000	<5000	<5000	<15000	<5000	<5000	<5000	<5000	<5000	<5000
1204064-05	04/16/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204063-05	04/15/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204062-05	04/14/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204057-05	04/13/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204049-05	04/12/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204044-03	04/11/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204039-03	04/10/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204028-03	04/09/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204027-03	04/08/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204026-03	04/07/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204023-03	04/06/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204020-03	04/05/12	T-100	<2500	<2500	<2500	<2500	<7500	<2500	<2500	<2500	<2500	<2500	<2500
1204016-05	04/04/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204013-05	04/03/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204003-03	04/02/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204002-03	04/01/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000
1204001-03	03/31/12	T-100	<1000	<1000	<1000	<1000	<3000	<1000	<1000	<1000	<1000	<1000	<1000

ATTACHMENT 13

ANALYTICAL REPORT FOR BIOTOWER EXHAUST

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING



ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

TestAmerica Job ID: 480-34695-1
Client Project/Site: Model City Landfill

For:
CWM Chemical Services Inc
1550 Balmer Road
Model City, New York 14107

Attn: Jonathan Rizzo

Authorized for release by:
3/29/2013 12:41:26 PM
Lisa Shaffer
Project Manager I
lisa.shaffer@testamericainc.com

Designee for

Candace Fox
Project Manager II
candace.fox@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

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

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

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

Table of Contents

Cover Page 1
Table of Contents 2
Sample Summary 3
Definitions 4
Case Narrative 5
Client Sample Results 6
QC Sample Results 12
Chronicle 24
Certification Summary 25
Method Summary 26
Chain of Custody 27

Sample Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-34695-1	AWT-INFLUENT	Air	03/16/13 11:17	03/20/13 10:20
480-34695-2	AWT-MIDPOINT	Air	03/16/13 11:17	03/20/13 10:20
480-34695-3	AWT-EFFLUENT	Air	03/16/13 11:17	03/20/13 10:20

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Air - GC/MS VOA TICs

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.
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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
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)
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)

Job ID: 480-34695-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-34695-1

Comments
No additional comments.

Receipt
The samples were received on 3/20/2013 10:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice.

Air - GC/MS VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-INFLUENT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**33**	**J**	56	28	ppb v/v			03/25/13 15:08	188
1,1,2,2-Tetrachloroethane	**57**	**J**	75	19	ppb v/v			03/25/13 15:08	188
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		75	38	ppb v/v			03/25/13 15:08	188
1,1,2-Trichloroethane	**100**		75	28	ppb v/v			03/25/13 15:08	188
1,1-Dichloroethane	**130**		56	28	ppb v/v			03/25/13 15:08	188
1,1-Dichloroethene	ND		150	38	ppb v/v			03/25/13 15:08	188
1,2,4-Trichlorobenzene	ND		470	130	ppb v/v			03/25/13 15:08	188
1,2,4-Trimethylbenzene	ND		150	38	ppb v/v			03/25/13 15:08	188
1,2-Dibromoethane (EDB)	ND		150	38	ppb v/v			03/25/13 15:08	188
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		75	28	ppb v/v			03/25/13 15:08	188
1,2-Dichlorobenzene	ND		75	28	ppb v/v			03/25/13 15:08	188
1,2-Dichloroethane	**330**		150	38	ppb v/v			03/25/13 15:08	188
1,2-Dichloropropane	ND		75	28	ppb v/v			03/25/13 15:08	188
1,3,5-Trimethylbenzene	ND		75	28	ppb v/v			03/25/13 15:08	188
1,3-Dichlorobenzene	ND		75	28	ppb v/v			03/25/13 15:08	188
1,4-Dichlorobenzene	ND		75	28	ppb v/v			03/25/13 15:08	188
2-Butanone (MEK)	**4500**		150	75	ppb v/v			03/25/13 15:08	188
2-Hexanone	ND		150	38	ppb v/v			03/25/13 15:08	188
4-Ethyltoluene	ND		75	28	ppb v/v			03/25/13 15:08	188
4-Methyl-2-pentanone (MIBK)	**950**		75	28	ppb v/v			03/25/13 15:08	188
Acetone	**8500**		450	230	ppb v/v			03/26/13 18:34	376
Benzene	**40**	**J**	75	38	ppb v/v			03/25/13 15:08	188
Benzyl chloride	ND		150	38	ppb v/v			03/25/13 15:08	188
Bromodichloromethane	ND		56	28	ppb v/v			03/25/13 15:08	188
Bromoform	ND		150	38	ppb v/v			03/25/13 15:08	188
Bromomethane	**38**	**J**	150	38	ppb v/v			03/25/13 15:08	188
Carbon disulfide	**200**		150	38	ppb v/v			03/25/13 15:08	188
Carbon tetrachloride	ND		150	38	ppb v/v			03/25/13 15:08	188
Chlorobenzene	**20**	**J**	56	19	ppb v/v			03/25/13 15:08	188
Chloroethane	ND		280	130	ppb v/v			03/25/13 15:08	188
Chloroform	**270**		56	19	ppb v/v			03/25/13 15:08	188
Chloromethane	ND		150	75	ppb v/v			03/25/13 15:08	188
cis-1,2-Dichloroethene	**200**		75	38	ppb v/v			03/25/13 15:08	188
cis-1,3-Dichloropropene	ND		75	28	ppb v/v			03/25/13 15:08	188
Dibromochloromethane	ND		75	19	ppb v/v			03/25/13 15:08	188
Dichlorodifluoromethane	ND		75	28	ppb v/v			03/25/13 15:08	188
Ethylbenzene	ND		75	28	ppb v/v			03/25/13 15:08	188
Hexachlorobutadiene	ND		150	38	ppb v/v			03/25/13 15:08	188
m,p-Xylene	**75**	**J**	150	38	ppb v/v			03/25/13 15:08	188
Methylene chloride	**13000**		150	75	ppb v/v			03/26/13 18:34	376
o-Xylene	**42**	**J**	75	28	ppb v/v			03/25/13 15:08	188
Styrene	ND		75	28	ppb v/v			03/25/13 15:08	188
Tetrachloroethene	ND		75	28	ppb v/v			03/25/13 15:08	188
Toluene	**140**		75	28	ppb v/v			03/25/13 15:08	188
trans-1,2-Dichloroethene	ND		75	38	ppb v/v			03/25/13 15:08	188
trans-1,3-Dichloropropene	ND		75	28	ppb v/v			03/25/13 15:08	188
Trichloroethene	**270**		75	28	ppb v/v			03/25/13 15:08	188
Trichlorofluoromethane	ND		75	28	ppb v/v			03/25/13 15:08	188

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-INFLUENT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-1
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		150	38	ppb v/v			03/25/13 15:08	188
Vinyl chloride	**63**	**J**	75	28	ppb v/v			03/25/13 15:08	188

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*220*	*	*ppb v/v*		*4.02*	*115-07-1*		*03/25/13 15:08*	*188*
Tetrahydrofuran	*1700*		*ppb v/v*		*11.28*	*109-99-9*		*03/25/13 15:08*	*188*
Octane, 4-methyl-	*570*	*T J N*	*ppb v/v*		*16.15*	*2216-34-4*		*03/26/13 18:34*	*376*
Acetamide, N,N-dimethyl-	*1700*	*T J N*	*ppb v/v*		*17.58*	*127-19-5*		*03/26/13 18:34*	*376*
Decane, 3,6-dimethyl-	*490*	*T J N*	*ppb v/v*		*19.65*	*17312-53-7*		*03/26/13 18:34*	*376*
Decane, 3,7-dimethyl-	*840*	*T J N*	*ppb v/v*		*20.38*	*17312-54-8*		*03/26/13 18:34*	*376*
Dodecane	*350*	*T J N*	*ppb v/v*		*21.99*	*112-40-3*		*03/26/13 18:34*	*376*
Tentatively Identified Compound	*None*		*ppb v/v*					*03/25/13 15:08*	*188*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 130*		*03/25/13 15:08*	*188*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*03/26/13 18:34*	*376*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*03/25/13 15:08*	*188*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*03/26/13 18:34*	*376*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/25/13 15:08*	*188*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/26/13 18:34*	*376*

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-MIDPOINT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.30	0.15	ppb v/v			03/25/13 04:12	1
1,1,2,2-Tetrachloroethane	ND		0.40	0.10	ppb v/v			03/25/13 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.40	0.20	ppb v/v			03/25/13 04:12	1
1,1,2-Trichloroethane	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,1-Dichloroethane	**0.16**	**J**	0.30	0.15	ppb v/v			03/25/13 04:12	1
1,1-Dichloroethene	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
1,2,4-Trichlorobenzene	ND		2.5	0.70	ppb v/v			03/25/13 04:12	1
1,2,4-Trimethylbenzene	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
1,2-Dibromoethane (EDB)	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,2-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,2-Dichloroethane	**0.34**	**J**	0.80	0.20	ppb v/v			03/25/13 04:12	1
1,2-Dichloropropane	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,3,5-Trimethylbenzene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,3-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
1,4-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
2-Butanone (MEK)	**7.4**		0.80	0.40	ppb v/v			03/25/13 04:12	1
2-Hexanone	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
4-Ethyltoluene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
4-Methyl-2-pentanone (MIBK)	**0.57**		0.40	0.15	ppb v/v			03/25/13 04:12	1
Acetone	**32**		1.2	0.60	ppb v/v			03/25/13 04:12	1
Benzene	ND		0.40	0.20	ppb v/v			03/25/13 04:12	1
Benzyl chloride	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
Bromodichloromethane	ND		0.30	0.15	ppb v/v			03/25/13 04:12	1
Bromoform	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
Bromomethane	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
Carbon disulfide	**0.45**	**J**	0.80	0.20	ppb v/v			03/25/13 04:12	1
Carbon tetrachloride	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
Chlorobenzene	ND		0.30	0.10	ppb v/v			03/25/13 04:12	1
Chloroethane	ND		1.5	0.70	ppb v/v			03/25/13 04:12	1
Chloroform	**0.33**		0.30	0.10	ppb v/v			03/25/13 04:12	1
Chloromethane	**1.2**		0.80	0.40	ppb v/v			03/25/13 04:12	1
cis-1,2-Dichloroethene	**0.35**	**J**	0.40	0.20	ppb v/v			03/25/13 04:12	1
cis-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
Dibromochloromethane	ND		0.40	0.10	ppb v/v			03/25/13 04:12	1
Dichlorodifluoromethane	**0.50**		0.40	0.15	ppb v/v			03/25/13 04:12	1
Ethylbenzene	**0.16**	**J**	0.40	0.15	ppb v/v			03/25/13 04:12	1
Hexachlorobutadiene	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
m,p-Xylene	**0.66**	**J**	0.80	0.20	ppb v/v			03/25/13 04:12	1
Methylene chloride	**15**		0.40	0.20	ppb v/v			03/25/13 04:12	1
o-Xylene	**0.22**	**J**	0.40	0.15	ppb v/v			03/25/13 04:12	1
Styrene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
Tetrachloroethene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
Toluene	**0.42**		0.40	0.15	ppb v/v			03/25/13 04:12	1
trans-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/25/13 04:12	1
trans-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 04:12	1
Trichloroethene	**0.31**	**J**	0.40	0.15	ppb v/v			03/25/13 04:12	1
Trichlorofluoromethane	**0.22**	**J**	0.40	0.15	ppb v/v			03/25/13 04:12	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-MIDPOINT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-2
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		0.80	0.20	ppb v/v			03/25/13 04:12	1
Vinyl chloride	**0.15**	**J**	0.40	0.15	ppb v/v			03/25/13 04:12	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*6.1*	*	*ppb v/v*		*4.02*	*115-07-1*		*03/25/13 04:12*	*1*
Chlorodifluoromethane	*0.67*	*J*	*ppb v/v*		*4.04*	*75-45-6*		*03/25/13 04:12*	*1*
Butane	*1.5*		*ppb v/v*		*4.75*	*106-97-8*		*03/25/13 04:12*	*1*
Acetaldehyde	*7.6*	*T J N*	*ppb v/v*		*4.98*	*75-7-0*		*03/25/13 04:12*	*1*
Acrolein	*2.0*	*J*	*ppb v/v*		*7.20*	*107-02-8*		*03/25/13 04:12*	*1*
Tetrahydrofuran	*1.3*	*J*	*ppb v/v*		*11.28*	*109-99-9*		*03/25/13 04:12*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*03/25/13 04:12*	*1*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*03/25/13 04:12*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/25/13 04:12*	*1*

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-EFFLUENT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.30	0.15	ppb v/v			03/25/13 05:01	1
1,1,2,2-Tetrachloroethane	ND		0.40	0.10	ppb v/v			03/25/13 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.40	0.20	ppb v/v			03/25/13 05:01	1
1,1,2-Trichloroethane	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,1-Dichloroethane	ND		0.30	0.15	ppb v/v			03/25/13 05:01	1
1,1-Dichloroethene	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
1,2,4-Trichlorobenzene	ND		2.5	0.70	ppb v/v			03/25/13 05:01	1
1,2,4-Trimethylbenzene	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
1,2-Dibromoethane (EDB)	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,2-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,2-Dichloroethane	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
1,2-Dichloropropane	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,3,5-Trimethylbenzene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,3-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
1,4-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
2-Butanone (MEK)	ND		0.80	0.40	ppb v/v			03/25/13 05:01	1
2-Hexanone	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
4-Ethyltoluene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
4-Methyl-2-pentanone (MIBK)	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Acetone	**1.9**		1.2	0.60	ppb v/v			03/25/13 05:01	1
Benzene	ND		0.40	0.20	ppb v/v			03/25/13 05:01	1
Benzyl chloride	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Bromodichloromethane	ND		0.30	0.15	ppb v/v			03/25/13 05:01	1
Bromoform	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Bromomethane	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Carbon disulfide	**0.31**	**J**	0.80	0.20	ppb v/v			03/25/13 05:01	1
Carbon tetrachloride	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Chlorobenzene	ND		0.30	0.10	ppb v/v			03/25/13 05:01	1
Chloroethane	ND		1.5	0.70	ppb v/v			03/25/13 05:01	1
Chloroform	ND		0.30	0.10	ppb v/v			03/25/13 05:01	1
Chloromethane	ND		0.80	0.40	ppb v/v			03/25/13 05:01	1
cis-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/25/13 05:01	1
cis-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Dibromochloromethane	ND		0.40	0.10	ppb v/v			03/25/13 05:01	1
Dichlorodifluoromethane	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Ethylbenzene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Hexachlorobutadiene	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
m,p-Xylene	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Methylene chloride	**0.27**	**J**	0.40	0.20	ppb v/v			03/25/13 05:01	1
o-Xylene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Styrene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Tetrachloroethene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Toluene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
trans-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/25/13 05:01	1
trans-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Trichloroethene	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1
Trichlorofluoromethane	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-EFFLUENT
Date Collected: 03/16/13 11:17
Date Received: 03/20/13 10:20
Sample Container: Summa Canister 1L

Lab Sample ID: 480-34695-3
Matrix: Air

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		0.80	0.20	ppb v/v			03/25/13 05:01	1
Vinyl chloride	ND		0.40	0.15	ppb v/v			03/25/13 05:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Propene	*1.2*	*	*ppb v/v*		*4.02*	*115-07-1*		*03/25/13 05:01*	*1*
Butane	*1.2*		*ppb v/v*		*4.97*	*106-97-8*		*03/25/13 05:01*	*1*
Cyclotetrasiloxane, octamethyl-	*3.8*	*T J N*	*ppb v/v*		*17.93*	*556-67-2*		*03/25/13 05:01*	*1*
Benzeneethanamine, N-[(pentafluorophenyl	*1.4*	*T J N*	*ppb v/v*		*20.37*	*55429-85-1*		*03/25/13 05:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/25/13 05:01*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*03/25/13 05:01*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/25/13 05:01*	*1*

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

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

Lab Sample ID: MB 340-4388/5
Matrix: Air
Analysis Batch: 4388

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.30	0.15	ppb v/v			03/24/13 12:49	1
1,1,2,2-Tetrachloroethane	ND		0.40	0.10	ppb v/v			03/24/13 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.40	0.20	ppb v/v			03/24/13 12:49	1
1,1,2-Trichloroethane	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,1-Dichloroethane	ND		0.30	0.15	ppb v/v			03/24/13 12:49	1
1,1-Dichloroethene	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
1,2,4-Trichlorobenzene	ND		2.5	0.70	ppb v/v			03/24/13 12:49	1
1,2,4-Trimethylbenzene	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
1,2-Dibromoethane (EDB)	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,2-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,2-Dichloroethane	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
1,2-Dichloropropane	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,3,5-Trimethylbenzene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,3-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
1,4-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
2-Butanone (MEK)	ND		0.80	0.40	ppb v/v			03/24/13 12:49	1
2-Hexanone	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
4-Ethyltoluene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Acetone	ND		1.2	0.60	ppb v/v			03/24/13 12:49	1
Benzene	ND		0.40	0.20	ppb v/v			03/24/13 12:49	1
Benzyl chloride	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Bromodichloromethane	ND		0.30	0.15	ppb v/v			03/24/13 12:49	1
Bromoform	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Bromomethane	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Carbon disulfide	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Carbon tetrachloride	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Chlorobenzene	ND		0.30	0.10	ppb v/v			03/24/13 12:49	1
Chloroethane	ND		1.5	0.70	ppb v/v			03/24/13 12:49	1
Chloroform	ND		0.30	0.10	ppb v/v			03/24/13 12:49	1
Chloromethane	ND		0.80	0.40	ppb v/v			03/24/13 12:49	1
cis-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/24/13 12:49	1
cis-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Dibromochloromethane	ND		0.40	0.10	ppb v/v			03/24/13 12:49	1
Dichlorodifluoromethane	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Ethylbenzene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Hexachlorobutadiene	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
m,p-Xylene	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Methylene chloride	ND		0.40	0.20	ppb v/v			03/24/13 12:49	1
o-Xylene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Styrene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Tetrachloroethene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Toluene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
trans-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/24/13 12:49	1
trans-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Trichloroethene	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1
Trichlorofluoromethane	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1

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

Lab Sample ID: MB 340-4388/5
Matrix: Air
Analysis Batch: 4388

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		0.80	0.20	ppb v/v			03/24/13 12:49	1
Vinyl chloride	ND		0.40	0.15	ppb v/v			03/24/13 12:49	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,2,3-Trichlorobenzene	*0.235*	*J*	*ppb v/v*		*24.55*	*87-61-6*		*03/24/13 12:49*	*1*
Tentatively Identified Compound	*None*		*ppb v/v*					*03/24/13 12:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/24/13 12:49*	*1*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*		*03/24/13 12:49*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*03/24/13 12:49*	*1*

Lab Sample ID: LCS 340-4388/3
Matrix: Air
Analysis Batch: 4388

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.85		ppb v/v		99	70 - 130
1,1,2,2-Tetrachloroethane	11.0	11.6		ppb v/v		105	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.92		ppb v/v		89	70 - 130
1,1,2-Trichloroethane	10.9	10.5		ppb v/v		96	70 - 130
1,1-Dichloroethane	10.0	9.66		ppb v/v		97	70 - 130
1,1-Dichloroethene	10.0	9.25		ppb v/v		93	70 - 130
1,2,4-Trichlorobenzene	11.0	12.1		ppb v/v		110	70 - 130
1,2,4-Trimethylbenzene	10.8	11.6		ppb v/v		108	70 - 130
1,2-Dibromoethane (EDB)	10.8	10.9		ppb v/v		101	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	11.9		ppb v/v		119	70 - 130
1,2-Dichlorobenzene	10.9	11.5		ppb v/v		106	70 - 130
1,2-Dichloroethane	10.8	11.7		ppb v/v		108	70 - 130
1,2-Dichloropropane	10.8	11.3		ppb v/v		105	70 - 130
1,3,5-Trimethylbenzene	11.0	11.5		ppb v/v		104	70 - 130
1,3-Dichlorobenzene	11.0	11.6		ppb v/v		106	70 - 130
1,4-Dichlorobenzene	10.9	11.8		ppb v/v		109	70 - 130
2-Butanone (MEK)	10.8	10.2		ppb v/v		95	70 - 130
2-Hexanone	11.0	11.5		ppb v/v		105	70 - 130
4-Ethyltoluene	10.8	11.5		ppb v/v		106	70 - 130
4-Methyl-2-pentanone (MIBK)	10.8	13.1		ppb v/v		122	70 - 130
Acetone	10.0	8.71		ppb v/v		87	70 - 130
Benzene	10.6	10.9		ppb v/v		103	70 - 130
Benzyl chloride	11.0	12.6		ppb v/v		114	70 - 130
Bromodichloromethane	10.9	12.5		ppb v/v		114	70 - 130
Bromoform	10.8	11.7		ppb v/v		109	70 - 130
Bromomethane	10.0	10.6		ppb v/v		106	70 - 130
Carbon disulfide	10.0	10.1		ppb v/v		101	70 - 130
Carbon tetrachloride	10.8	11.7		ppb v/v		109	70 - 130
Chlorobenzene	11.0	10.3		ppb v/v		94	70 - 130

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

Lab Sample ID: LCS 340-4388/3
Matrix: Air
Analysis Batch: 4388

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroethane	10.0	11.1		ppb v/v		111	70 - 130
Chloroform	10.0	9.73		ppb v/v		97	70 - 130
Chloromethane	10.0	11.3		ppb v/v		113	70 - 130
cis-1,2-Dichloroethene	10.6	10.5		ppb v/v		99	70 - 130
cis-1,3-Dichloropropene	10.0	12.6		ppb v/v		126	70 - 130
Dibromochloromethane	11.0	11.5		ppb v/v		104	70 - 130
Dichlorodifluoromethane	10.0	11.2		ppb v/v		112	70 - 130
Ethylbenzene	10.9	11.2		ppb v/v		103	70 - 130
Hexachlorobutadiene	11.0	11.4		ppb v/v		103	70 - 130
m,p-Xylene	21.6	21.9		ppb v/v		101	70 - 130
Methylene chloride	11.0	10.4		ppb v/v		94	70 - 130
o-Xylene	11.0	11.7		ppb v/v		107	70 - 130
Styrene	11.0	12.0		ppb v/v		109	70 - 130
Tetrachloroethene	10.0	9.37		ppb v/v		94	70 - 130
Toluene	10.9	11.9		ppb v/v		109	70 - 130
trans-1,2-Dichloroethene	10.0	9.80		ppb v/v		98	70 - 130
trans-1,3-Dichloropropene	11.0	11.1		ppb v/v		101	70 - 130
Trichloroethene	10.9	12.0		ppb v/v		110	70 - 130
Trichlorofluoromethane	10.0	9.77		ppb v/v		98	70 - 130
Vinyl acetate	11.0	12.3		ppb v/v		112	70 - 130
Vinyl chloride	10.0	11.5		ppb v/v		115	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*112*		*70 - 130*

Lab Sample ID: LCSD 340-4388/4
Matrix: Air
Analysis Batch: 4388

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10.0	9.53		ppb v/v		95	70 - 130	3	25
1,1,2,2-Tetrachloroethane	11.0	11.6		ppb v/v		106	70 - 130	0	25
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.56		ppb v/v		86	70 - 130	4	25
1,1,2-Trichloroethane	10.9	10.7		ppb v/v		98	70 - 130	2	25
1,1-Dichloroethane	10.0	9.39		ppb v/v		94	70 - 130	3	25
1,1-Dichloroethene	10.0	9.00		ppb v/v		90	70 - 130	3	25
1,2,4-Trichlorobenzene	11.0	12.0		ppb v/v		109	70 - 130	1	25
1,2,4-Trimethylbenzene	10.8	11.7		ppb v/v		108	70 - 130	1	25
1,2-Dibromoethane (EDB)	10.8	11.2		ppb v/v		104	70 - 130	3	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	10.7		ppb v/v		107	70 - 130	11	25
1,2-Dichlorobenzene	10.9	11.7		ppb v/v		107	70 - 130	1	25
1,2-Dichloroethane	10.8	11.5		ppb v/v		107	70 - 130	1	25
1,2-Dichloropropane	10.8	11.6		ppb v/v		107	70 - 130	2	25
1,3,5-Trimethylbenzene	11.0	11.8		ppb v/v		107	70 - 130	2	25

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

Lab Sample ID: LCSD 340-4388/4
Matrix: Air
Analysis Batch: 4388

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	11.0	11.8		ppb v/v		107	70 - 130	1	25
1,4-Dichlorobenzene	10.9	12.1		ppb v/v		111	70 - 130	2	25
2-Butanone (MEK)	10.8	10.2		ppb v/v		95	70 - 130	0	25
2-Hexanone	11.0	11.4		ppb v/v		104	70 - 130	1	25
4-Ethyltoluene	10.8	11.6		ppb v/v		108	70 - 130	1	25
4-Methyl-2-pentanone (MIBK)	10.8	12.9		ppb v/v		120	70 - 130	2	25
Acetone	10.0	8.46		ppb v/v		85	70 - 130	3	25
Benzene	10.6	10.9		ppb v/v		103	70 - 130	0	25
Benzyl chloride	11.0	12.6		ppb v/v		115	70 - 130	0	25
Bromodichloromethane	10.9	12.1		ppb v/v		111	70 - 130	3	25
Bromoform	10.8	11.9		ppb v/v		111	70 - 130	2	25
Bromomethane	10.0	9.64		ppb v/v		96	70 - 130	10	25
Carbon disulfide	10.0	9.83		ppb v/v		98	70 - 130	3	25
Carbon tetrachloride	10.8	11.3		ppb v/v		105	70 - 130	4	25
Chlorobenzene	11.0	10.4		ppb v/v		95	70 - 130	1	25
Chloroethane	10.0	9.82		ppb v/v		98	70 - 130	12	25
Chloroform	10.0	9.41		ppb v/v		94	70 - 130	3	25
Chloromethane	10.0	10.5		ppb v/v		105	70 - 130	8	25
cis-1,2-Dichloroethene	10.6	10.2		ppb v/v		96	70 - 130	3	25
cis-1,3-Dichloropropene	10.0	12.2		ppb v/v		122	70 - 130	3	25
Dibromochloromethane	11.0	11.8		ppb v/v		107	70 - 130	3	25
Dichlorodifluoromethane	10.0	9.90		ppb v/v		99	70 - 130	12	25
Ethylbenzene	10.9	11.5		ppb v/v		105	70 - 130	2	25
Hexachlorobutadiene	11.0	11.3		ppb v/v		103	70 - 130	1	25
m,p-Xylene	21.6	22.6		ppb v/v		104	70 - 130	3	25
Methylene chloride	11.0	10.1		ppb v/v		92	70 - 130	3	25
o-Xylene	11.0	11.9		ppb v/v		108	70 - 130	2	25
Styrene	11.0	12.2		ppb v/v		111	70 - 130	2	25
Tetrachloroethene	10.0	9.68		ppb v/v		97	70 - 130	3	25
Toluene	10.9	11.7		ppb v/v		107	70 - 130	1	25
trans-1,2-Dichloroethene	10.0	9.55		ppb v/v		96	70 - 130	3	25
trans-1,3-Dichloropropene	11.0	11.3		ppb v/v		103	70 - 130	2	25
Trichloroethene	10.9	11.8		ppb v/v		108	70 - 130	2	25
Trichlorofluoromethane	10.0	9.26		ppb v/v		93	70 - 130	5	25
Vinyl acetate	11.0	12.0		ppb v/v		109	70 - 130	2	25
Vinyl chloride	10.0	10.6		ppb v/v		106	70 - 130	8	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 340-4392/5
Matrix: Air
Analysis Batch: 4392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.30	0.15	ppb v/v			03/25/13 12:46	1

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

Lab Sample ID: MB 340-4392/5
Matrix: Air
Analysis Batch: 4392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.40	0.10	ppb v/v			03/25/13 12:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.40	0.20	ppb v/v			03/25/13 12:46	1
1,1,2-Trichloroethane	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,1-Dichloroethane	ND		0.30	0.15	ppb v/v			03/25/13 12:46	1
1,1-Dichloroethene	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
1,2,4-Trichlorobenzene	ND		2.5	0.70	ppb v/v			03/25/13 12:46	1
1,2,4-Trimethylbenzene	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
1,2-Dibromoethane (EDB)	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,2-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,2-Dichloroethane	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
1,2-Dichloropropane	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,3,5-Trimethylbenzene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,3-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
1,4-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
2-Butanone (MEK)	ND		0.80	0.40	ppb v/v			03/25/13 12:46	1
2-Hexanone	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
4-Ethyltoluene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
4-Methyl-2-pentanone (MIBK)	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Acetone	ND		1.2	0.60	ppb v/v			03/25/13 12:46	1
Benzene	ND		0.40	0.20	ppb v/v			03/25/13 12:46	1
Benzyl chloride	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Bromodichloromethane	ND		0.30	0.15	ppb v/v			03/25/13 12:46	1
Bromoform	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Bromomethane	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Carbon disulfide	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Carbon tetrachloride	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Chlorobenzene	ND		0.30	0.10	ppb v/v			03/25/13 12:46	1
Chloroethane	ND		1.5	0.70	ppb v/v			03/25/13 12:46	1
Chloroform	ND		0.30	0.10	ppb v/v			03/25/13 12:46	1
Chloromethane	ND		0.80	0.40	ppb v/v			03/25/13 12:46	1
cis-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/25/13 12:46	1
cis-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Dibromochloromethane	ND		0.40	0.10	ppb v/v			03/25/13 12:46	1
Dichlorodifluoromethane	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Ethylbenzene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Hexachlorobutadiene	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
m,p-Xylene	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1
Methylene chloride	ND		0.40	0.20	ppb v/v			03/25/13 12:46	1
o-Xylene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Styrene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Tetrachloroethene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Toluene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
trans-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/25/13 12:46	1
trans-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Trichloroethene	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Trichlorofluoromethane	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1
Vinyl acetate	ND		0.80	0.20	ppb v/v			03/25/13 12:46	1

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

Lab Sample ID: MB 340-4392/5
Matrix: Air
Analysis Batch: 4392

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.40	0.15	ppb v/v			03/25/13 12:46	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1,2,3-Trichlorobenzene	*0.246*	*J*	*ppb v/v*		*24.55*	*87-61-6*		*03/25/13 12:46*	*1*
Tentatively Identified Compound	*None*		*ppb v/v*					*03/25/13 12:46*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*03/25/13 12:46*	*1*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*		*03/25/13 12:46*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/25/13 12:46*	*1*

Lab Sample ID: LCS 340-4392/3
Matrix: Air
Analysis Batch: 4392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.36		ppb v/v		94	70 - 130
1,1,2,2-Tetrachloroethane	11.0	11.3		ppb v/v		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.74		ppb v/v		87	70 - 130
1,1,2-Trichloroethane	10.9	10.5		ppb v/v		97	70 - 130
1,1-Dichloroethane	10.0	9.27		ppb v/v		93	70 - 130
1,1-Dichloroethene	10.0	9.18		ppb v/v		92	70 - 130
1,2,4-Trichlorobenzene	11.0	12.0		ppb v/v		109	70 - 130
1,2,4-Trimethylbenzene	10.8	11.0		ppb v/v		102	70 - 130
1,2-Dibromoethane (EDB)	10.8	11.1		ppb v/v		103	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	9.64		ppb v/v		96	70 - 130
1,2-Dichlorobenzene	10.9	10.9		ppb v/v		100	70 - 130
1,2-Dichloroethane	10.8	10.9		ppb v/v		100	70 - 130
1,2-Dichloropropane	10.8	11.3		ppb v/v		105	70 - 130
1,3,5-Trimethylbenzene	11.0	10.9		ppb v/v		99	70 - 130
1,3-Dichlorobenzene	11.0	10.9		ppb v/v		99	70 - 130
1,4-Dichlorobenzene	10.9	11.3		ppb v/v		104	70 - 130
2-Butanone (MEK)	10.8	10.1		ppb v/v		94	70 - 130
2-Hexanone	11.0	12.0		ppb v/v		109	70 - 130
4-Ethyltoluene	10.8	11.4		ppb v/v		106	70 - 130
4-Methyl-2-pentanone (MIBK)	10.8	12.6		ppb v/v		116	70 - 130
Acetone	10.0	8.45		ppb v/v		84	70 - 130
Benzene	10.6	10.7		ppb v/v		100	70 - 130
Benzyl chloride	11.0	11.9		ppb v/v		108	70 - 130
Bromodichloromethane	10.9	11.5		ppb v/v		106	70 - 130
Bromoform	10.8	11.6		ppb v/v		107	70 - 130
Bromomethane	10.0	9.77		ppb v/v		98	70 - 130
Carbon disulfide	10.0	10.2		ppb v/v		102	70 - 130
Carbon tetrachloride	10.8	10.7		ppb v/v		99	70 - 130
Chlorobenzene	11.0	10.3		ppb v/v		94	70 - 130
Chloroethane	10.0	10.1		ppb v/v		101	70 - 130

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

Lab Sample ID: LCS 340-4392/3
Matrix: Air
Analysis Batch: 4392

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	10.0	9.35		ppb v/v		93	70 - 130
Chloromethane	10.0	9.08		ppb v/v		91	70 - 130
cis-1,2-Dichloroethene	10.6	10.3		ppb v/v		97	70 - 130
cis-1,3-Dichloropropene	10.0	12.1		ppb v/v		121	70 - 130
Dibromochloromethane	11.0	11.5		ppb v/v		105	70 - 130
Dichlorodifluoromethane	10.0	9.39		ppb v/v		94	70 - 130
Ethylbenzene	10.9	11.1		ppb v/v		102	70 - 130
Hexachlorobutadiene	11.0	10.7		ppb v/v		97	70 - 130
m,p-Xylene	21.6	21.9		ppb v/v		102	70 - 130
Methylene chloride	11.0	10.1		ppb v/v		92	70 - 130
o-Xylene	11.0	11.8		ppb v/v		107	70 - 130
Styrene	11.0	12.0		ppb v/v		109	70 - 130
Tetrachloroethene	10.0	9.84		ppb v/v		98	70 - 130
Toluene	10.9	11.2		ppb v/v		103	70 - 130
trans-1,2-Dichloroethene	10.0	9.77		ppb v/v		98	70 - 130
trans-1,3-Dichloropropene	11.0	11.0		ppb v/v		100	70 - 130
Trichloroethene	10.9	11.6		ppb v/v		106	70 - 130
Trichlorofluoromethane	10.0	8.89		ppb v/v		89	70 - 130
Vinyl acetate	11.0	12.0		ppb v/v		109	70 - 130
Vinyl chloride	10.0	9.17		ppb v/v		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 340-4392/4
Matrix: Air
Analysis Batch: 4392

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10.0	8.79		ppb v/v		88	70 - 130	6	25
1,1,2,2-Tetrachloroethane	11.0	11.0		ppb v/v		100	70 - 130	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.05		ppb v/v		80	70 - 130	8	25
1,1,2-Trichloroethane	10.9	10.2		ppb v/v		93	70 - 130	4	25
1,1-Dichloroethane	10.0	9.05		ppb v/v		91	70 - 130	2	25
1,1-Dichloroethene	10.0	8.83		ppb v/v		88	70 - 130	4	25
1,2,4-Trichlorobenzene	11.0	11.1		ppb v/v		101	70 - 130	7	25
1,2,4-Trimethylbenzene	10.8	10.5		ppb v/v		97	70 - 130	5	25
1,2-Dibromoethane (EDB)	10.8	10.8		ppb v/v		100	70 - 130	3	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	8.78		ppb v/v		88	70 - 130	9	25
1,2-Dichlorobenzene	10.9	10.2		ppb v/v		94	70 - 130	6	25
1,2-Dichloroethane	10.8	9.96		ppb v/v		92	70 - 130	9	25
1,2-Dichloropropane	10.8	10.8		ppb v/v		100	70 - 130	5	25
1,3,5-Trimethylbenzene	11.0	10.5		ppb v/v		95	70 - 130	4	25
1,3-Dichlorobenzene	11.0	10.5		ppb v/v		95	70 - 130	4	25

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

Lab Sample ID: LCSD 340-4392/4
Matrix: Air
Analysis Batch: 4392

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,4-Dichlorobenzene			10.9	10.7		ppb v/v		98	70 - 130	5	25
2-Butanone (MEK)			10.8	10.4		ppb v/v		96	70 - 130	2	25
2-Hexanone			11.0	11.6		ppb v/v		106	70 - 130	3	25
4-Ethyltoluene			10.8	10.9		ppb v/v		101	70 - 130	5	25
4-Methyl-2-pentanone (MIBK)			10.8	11.9		ppb v/v		111	70 - 130	5	25
Acetone			10.0	8.12		ppb v/v		81	70 - 130	4	25
Benzene			10.6	10.1		ppb v/v		95	70 - 130	5	25
Benzyl chloride			11.0	11.4		ppb v/v		104	70 - 130	4	25
Bromodichloromethane			10.9	10.5		ppb v/v		96	70 - 130	9	25
Bromoform			10.8	11.1		ppb v/v		103	70 - 130	4	25
Bromomethane			10.0	9.23		ppb v/v		92	70 - 130	6	25
Carbon disulfide			10.0	9.83		ppb v/v		98	70 - 130	3	25
Carbon tetrachloride			10.8	9.51		ppb v/v		88	70 - 130	12	25
Chlorobenzene			11.0	10.4		ppb v/v		95	70 - 130	1	25
Chloroethane			10.0	9.66		ppb v/v		97	70 - 130	4	25
Chloroform			10.0	8.80		ppb v/v		88	70 - 130	6	25
Chloromethane			10.0	7.23		ppb v/v		72	70 - 130	23	25
cis-1,2-Dichloroethene			10.6	10.0		ppb v/v		95	70 - 130	3	25
cis-1,3-Dichloropropene			10.0	11.3		ppb v/v		113	70 - 130	7	25
Dibromochloromethane			11.0	11.0		ppb v/v		100	70 - 130	5	25
Dichlorodifluoromethane			10.0	8.30		ppb v/v		83	70 - 130	12	25
Ethylbenzene			10.9	10.9		ppb v/v		100	70 - 130	2	25
Hexachlorobutadiene			11.0	9.92		ppb v/v		90	70 - 130	7	25
m,p-Xylene			21.6	21.3		ppb v/v		98	70 - 130	3	25
Methylene chloride			11.0	9.63		ppb v/v		88	70 - 130	4	25
o-Xylene			11.0	11.3		ppb v/v		103	70 - 130	4	25
Styrene			11.0	11.7		ppb v/v		106	70 - 130	3	25
Tetrachloroethene			10.0	9.46		ppb v/v		95	70 - 130	4	25
Toluene			10.9	10.4		ppb v/v		96	70 - 130	7	25
trans-1,2-Dichloroethene			10.0	9.42		ppb v/v		94	70 - 130	4	25
trans-1,3-Dichloropropene			11.0	10.7		ppb v/v		97	70 - 130	3	25
Trichloroethene			10.9	10.9		ppb v/v		100	70 - 130	6	25
Trichlorofluoromethane			10.0	8.17		ppb v/v		82	70 - 130	8	25
Vinyl acetate			11.0	11.8		ppb v/v		107	70 - 130	2	25
Vinyl chloride			10.0	7.68		ppb v/v		77	70 - 130	18	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MB 340-4402/9
Matrix: Air
Analysis Batch: 4402

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		0.30	0.15	ppb v/v			03/26/13 16:19	1
1,1,2,2-Tetrachloroethane	ND		0.40	0.10	ppb v/v			03/26/13 16:19	1

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

Lab Sample ID: MB 340-4402/9
Matrix: Air
Analysis Batch: 4402

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.40	0.20	ppb v/v			03/26/13 16:19	1
1,1,2-Trichloroethane	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,1-Dichloroethane	ND		0.30	0.15	ppb v/v			03/26/13 16:19	1
1,1-Dichloroethene	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
1,2,4-Trichlorobenzene	ND		2.5	0.70	ppb v/v			03/26/13 16:19	1
1,2,4-Trimethylbenzene	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
1,2-Dibromoethane (EDB)	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,2-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,2-Dichloroethane	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
1,2-Dichloropropane	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,3,5-Trimethylbenzene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,3-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
1,4-Dichlorobenzene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
2-Butanone (MEK)	ND		0.80	0.40	ppb v/v			03/26/13 16:19	1
2-Hexanone	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
4-Ethyltoluene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Acetone	ND		1.2	0.60	ppb v/v			03/26/13 16:19	1
Benzene	ND		0.40	0.20	ppb v/v			03/26/13 16:19	1
Benzyl chloride	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Bromodichloromethane	ND		0.30	0.15	ppb v/v			03/26/13 16:19	1
Bromoform	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Bromomethane	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Carbon disulfide	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Carbon tetrachloride	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Chlorobenzene	ND		0.30	0.10	ppb v/v			03/26/13 16:19	1
Chloroethane	ND		1.5	0.70	ppb v/v			03/26/13 16:19	1
Chloroform	ND		0.30	0.10	ppb v/v			03/26/13 16:19	1
Chloromethane	ND		0.80	0.40	ppb v/v			03/26/13 16:19	1
cis-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/26/13 16:19	1
cis-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Dibromochloromethane	ND		0.40	0.10	ppb v/v			03/26/13 16:19	1
Dichlorodifluoromethane	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Ethylbenzene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Hexachlorobutadiene	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
m,p-Xylene	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Methylene chloride	ND		0.40	0.20	ppb v/v			03/26/13 16:19	1
o-Xylene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Styrene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Tetrachloroethene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Toluene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
trans-1,2-Dichloroethene	ND		0.40	0.20	ppb v/v			03/26/13 16:19	1
trans-1,3-Dichloropropene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Trichloroethene	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Trichlorofluoromethane	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1
Vinyl acetate	ND		0.80	0.20	ppb v/v			03/26/13 16:19	1
Vinyl chloride	ND		0.40	0.15	ppb v/v			03/26/13 16:19	1

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

Lab Sample ID: MB 340-4402/9
Matrix: Air
Analysis Batch: 4402

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

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ppb v/v					03/26/13 16:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		70 - 130		03/26/13 16:19	1
4-Bromofluorobenzene (Surr)	88		70 - 130		03/26/13 16:19	1
Toluene-d8 (Surr)	89		70 - 130		03/26/13 16:19	1

Lab Sample ID: LCS 340-4402/7
Matrix: Air
Analysis Batch: 4402

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.44		ppb v/v		94	70 - 130
1,1,2,2-Tetrachloroethane	11.0	11.4		ppb v/v		104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.90		ppb v/v		89	70 - 130
1,1,2-Trichloroethane	10.9	10.5		ppb v/v		97	70 - 130
1,1-Dichloroethane	10.0	9.31		ppb v/v		93	70 - 130
1,1-Dichloroethene	10.0	9.54		ppb v/v		95	70 - 130
1,2,4-Trichlorobenzene	11.0	12.0		ppb v/v		109	70 - 130
1,2,4-Trimethylbenzene	10.8	11.4		ppb v/v		105	70 - 130
1,2-Dibromoethane (EDB)	10.8	11.1		ppb v/v		102	70 - 130
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	9.97		ppb v/v		100	70 - 130
1,2-Dichlorobenzene	10.9	11.4		ppb v/v		105	70 - 130
1,2-Dichloroethane	10.8	10.9		ppb v/v		101	70 - 130
1,2-Dichloropropane	10.8	10.8		ppb v/v		100	70 - 130
1,3,5-Trimethylbenzene	11.0	11.5		ppb v/v		105	70 - 130
1,3-Dichlorobenzene	11.0	11.5		ppb v/v		105	70 - 130
1,4-Dichlorobenzene	10.9	12.0		ppb v/v		110	70 - 130
2-Butanone (MEK)	10.8	10.5		ppb v/v		97	70 - 130
2-Hexanone	11.0	11.7		ppb v/v		106	70 - 130
4-Ethyltoluene	10.8	11.3		ppb v/v		105	70 - 130
4-Methyl-2-pentanone (MIBK)	10.8	12.2		ppb v/v		113	70 - 130
Acetone	10.0	8.86		ppb v/v		89	70 - 130
Benzene	10.6	10.7		ppb v/v		101	70 - 130
Benzyl chloride	11.0	12.3		ppb v/v		112	70 - 130
Bromodichloromethane	10.9	11.4		ppb v/v		105	70 - 130
Bromoform	10.8	11.7		ppb v/v		108	70 - 130
Bromomethane	10.0	8.90		ppb v/v		89	70 - 130
Carbon disulfide	10.0	10.1		ppb v/v		101	70 - 130
Carbon tetrachloride	10.8	10.7		ppb v/v		99	70 - 130
Chlorobenzene	11.0	10.5		ppb v/v		95	70 - 130
Chloroethane	10.0	9.43		ppb v/v		94	70 - 130
Chloroform	10.0	9.44		ppb v/v		94	70 - 130
Chloromethane	10.0	10.1		ppb v/v		101	70 - 130
cis-1,2-Dichloroethene	10.6	10.3		ppb v/v		97	70 - 130
cis-1,3-Dichloropropene	10.0	12.0		ppb v/v		120	70 - 130

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

Lab Sample ID: LCS 340-4402/7
Matrix: Air
Analysis Batch: 4402

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibromochloromethane	11.0	11.7		ppb v/v		107	70 - 130
Dichlorodifluoromethane	10.0	10.1		ppb v/v		101	70 - 130
Ethylbenzene	10.9	11.4		ppb v/v		105	70 - 130
Hexachlorobutadiene	11.0	11.2		ppb v/v		101	70 - 130
m,p-Xylene	21.6	22.3		ppb v/v		103	70 - 130
Methylene chloride	11.0	10.1		ppb v/v		92	70 - 130
o-Xylene	11.0	11.9		ppb v/v		108	70 - 130
Styrene	11.0	12.2		ppb v/v		111	70 - 130
Tetrachloroethene	10.0	9.76		ppb v/v		98	70 - 130
Toluene	10.9	11.2		ppb v/v		102	70 - 130
trans-1,2-Dichloroethene	10.0	9.71		ppb v/v		97	70 - 130
trans-1,3-Dichloropropene	11.0	10.9		ppb v/v		99	70 - 130
Trichloroethene	10.9	11.5		ppb v/v		106	70 - 130
Trichlorofluoromethane	10.0	9.39		ppb v/v		94	70 - 130
Vinyl acetate	11.0	12.0		ppb v/v		109	70 - 130
Vinyl chloride	10.0	10.1		ppb v/v		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 340-4402/8
Matrix: Air
Analysis Batch: 4402

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	10.0	9.42		ppb v/v		94	70 - 130	0	25
1,1,2,2-Tetrachloroethane	11.0	11.1		ppb v/v		101	70 - 130	3	25
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	8.64		ppb v/v		86	70 - 130	3	25
1,1,2-Trichloroethane	10.9	10.2		ppb v/v		94	70 - 130	3	25
1,1-Dichloroethane	10.0	9.31		ppb v/v		93	70 - 130	0	25
1,1-Dichloroethene	10.0	9.07		ppb v/v		91	70 - 130	5	25
1,2,4-Trichlorobenzene	11.0	11.6		ppb v/v		105	70 - 130	4	25
1,2,4-Trimethylbenzene	10.8	10.8		ppb v/v		100	70 - 130	5	25
1,2-Dibromoethane (EDB)	10.8	10.7		ppb v/v		99	70 - 130	3	25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	9.75		ppb v/v		98	70 - 130	2	25
1,2-Dichlorobenzene	10.9	10.9		ppb v/v		100	70 - 130	5	25
1,2-Dichloroethane	10.8	10.6		ppb v/v		98	70 - 130	3	25
1,2-Dichloropropane	10.8	11.0		ppb v/v		102	70 - 130	2	25
1,3,5-Trimethylbenzene	11.0	10.9		ppb v/v		99	70 - 130	6	25
1,3-Dichlorobenzene	11.0	10.9		ppb v/v		99	70 - 130	5	25
1,4-Dichlorobenzene	10.9	11.2		ppb v/v		103	70 - 130	6	25
2-Butanone (MEK)	10.8	10.6		ppb v/v		98	70 - 130	1	25
2-Hexanone	11.0	11.1		ppb v/v		101	70 - 130	5	25
4-Ethyltoluene	10.8	10.9		ppb v/v		101	70 - 130	3	25

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

Lab Sample ID: LCSD 340-4402/8
Matrix: Air
Analysis Batch: 4402

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)			10.8	12.2		ppb v/v		113	70 - 130	1	25
Acetone			10.0	8.70		ppb v/v		87	70 - 130	2	25
Benzene			10.6	10.4		ppb v/v		98	70 - 130	2	25
Benzyl chloride			11.0	11.5		ppb v/v		104	70 - 130	7	25
Bromodichloromethane			10.9	11.2		ppb v/v		103	70 - 130	2	25
Bromoform			10.8	11.3		ppb v/v		105	70 - 130	3	25
Bromomethane			10.0	8.76		ppb v/v		88	70 - 130	2	25
Carbon disulfide			10.0	10.0		ppb v/v		100	70 - 130	1	25
Carbon tetrachloride			10.8	10.5		ppb v/v		97	70 - 130	2	25
Chlorobenzene			11.0	10.0		ppb v/v		91	70 - 130	4	25
Chloroethane			10.0	9.57		ppb v/v		96	70 - 130	1	25
Chloroform			10.0	9.40		ppb v/v		94	70 - 130	0	25
Chloromethane			10.0	9.97		ppb v/v		100	70 - 130	1	25
cis-1,2-Dichloroethene			10.6	10.3		ppb v/v		97	70 - 130	1	25
cis-1,3-Dichloropropene			10.0	11.7		ppb v/v		117	70 - 130	2	25
Dibromochloromethane			11.0	11.3		ppb v/v		102	70 - 130	4	25
Dichlorodifluoromethane			10.0	9.74		ppb v/v		97	70 - 130	3	25
Ethylbenzene			10.9	10.8		ppb v/v		99	70 - 130	5	25
Hexachlorobutadiene			11.0	10.6		ppb v/v		97	70 - 130	5	25
m,p-Xylene			21.6	21.3		ppb v/v		99	70 - 130	4	25
Methylene chloride			11.0	9.98		ppb v/v		91	70 - 130	1	25
o-Xylene			11.0	11.4		ppb v/v		104	70 - 130	4	25
Styrene			11.0	11.7		ppb v/v		106	70 - 130	5	25
Tetrachloroethene			10.0	9.31		ppb v/v		93	70 - 130	5	25
Toluene			10.9	10.9		ppb v/v		100	70 - 130	2	25
trans-1,2-Dichloroethene			10.0	9.71		ppb v/v		97	70 - 130	0	25
trans-1,3-Dichloropropene			11.0	10.3		ppb v/v		94	70 - 130	6	25
Trichloroethene			10.9	11.4		ppb v/v		104	70 - 130	1	25
Trichlorofluoromethane			10.0	8.91		ppb v/v		89	70 - 130	5	25
Vinyl acetate			11.0	12.0		ppb v/v		109	70 - 130	0	25
Vinyl chloride			10.0	9.87		ppb v/v		99	70 - 130	3	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Chronicle

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Client Sample ID: AWT-INFLUENT

Lab Sample ID: 480-34695-1

Date Collected: 03/16/13 11:17

Matrix: Air

Date Received: 03/20/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		188	4392	03/25/13 15:08	DLK	TAL LA
Total/NA	Analysis	TO-15		376	4402	03/26/13 18:34	DLK	TAL LA

Client Sample ID: AWT-MIDPOINT

Lab Sample ID: 480-34695-2

Date Collected: 03/16/13 11:17

Matrix: Air

Date Received: 03/20/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	4388	03/25/13 04:12	DLK	TAL LA

Client Sample ID: AWT-EFFLUENT

Lab Sample ID: 480-34695-3

Date Collected: 03/16/13 11:17

Matrix: Air

Date Received: 03/20/13 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	4388	03/25/13 05:01	DLK	TAL LA

Laboratory References:

TAL LA = TestAmerica Costa Mesa, 3585 Cadillac Ave, Suite A, Costa Mesa, CA 92626, TEL (714)258-8610

Certification Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

Laboratory: TestAmerica Buffalo

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	88-0686	07-06-13
California	NELAP	9	1169CA	09-30-13
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-13
Georgia	State Program	4	N/A	03-31-13
Georgia	State Program	4	956	06-30-13
Georgia	State Program	4	956	06-30-13
Illinois	NELAP	5	200003	09-30-13
Iowa	State Program	7	374	03-01-13
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-13
Louisiana	NELAP	6	02031	06-30-13
Maine	State Program	1	NY00044	12-04-13
Maryland	State Program	3	294	03-31-13
Massachusetts	State Program	1	M-NY044	06-30-13
Michigan	State Program	5	9937	04-01-13
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-13
New Hampshire	NELAP	1	2337	11-17-13
New Jersey	NELAP	2	NY455	06-30-13
New York	NELAP	2	10026	03-31-13
North Dakota	State Program	8	R-176	03-31-13
Oklahoma	State Program	6	9421	08-31-13
Oregon	NELAP	10	NY200003	06-09-13
Pennsylvania	NELAP	3	68-00281	07-31-13
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-13
Texas	NELAP	6	T104704412-11-2	07-31-13
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-13
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	09-30-13
Wisconsin	State Program	5	998310390	08-31-13

Laboratory: TestAmerica Costa Mesa

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0727	02-09-14
Florida	NELAP	4	E87652	06-30-13
L-A-B	DoD ELAP		L2273	11-09-13
Louisiana	NELAP	6	01948	06-30-13
New York	NELAP	2	11851	04-01-13
Oregon	NELAP	10	CA200013	07-19-13
Utah	NELAP	8	CA000032012-1	06-30-13
Washington	State Program	10	C579	11-29-13

Method Summary

Client: CWM Chemical Services Inc
Project/Site: Model City Landfill

TestAmerica Job ID: 480-34695-1

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

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL LA = TestAmerica Costa Mesa, 3585 Cadillac Ave, Suite A, Costa Mesa, CA 92626, TEL (714)258-8610

TestAmerica Los Angeles
3585 Cadillac Drive
Suite A
Costa Mesa, California
phone 714-258-8610

Canister Samples Chain of Custody Record

Client Contact Information	Project Manager: Jonathan Rizzo	Samples Collected By:	1 of 1 COCs
Company: CWM Model City	Phone: 716-286-0246	Ed Murphy	
Address: 1550 Balmer Road	Email: jrizzo@golder.com		
City/State/Zip Model City, NY 14107			
Phone: 716-286-0246	Site Contact: Ed Murphy		
FAX:	TA Contact: Candace Fox		
Project Name: AWT Effluent Sampling	**Analysis Turnaround Time**		
Site: CWM Model City	Standard (Specify) X		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
AWT - INFLUENT	3/16/2013	1133	1117	27	0	24055	34001573	X											X
AWT - MIDPOINT	3/16/2013	1440	1117	22	0	24053	34001410	X											X
AWT - EFFLUENT	3/16/2013	1133	1117	30	4	24262	34001578	X											X
AWT - MIDPOINT (SPARE)	3/15/2013	1133	1432	28	0	24123	34001242	X											X

Temperature (Fahrenheit)			
	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)			
	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments: HOLD SAMPLE AWT-MIDPOINT (SPARE). SAMPLE RECOLLECTED DUE TO CAN BEING CONSUMED IN UNDER 3 HOURS. SAMPLES HAVE BETWEEN 700-850 PPM VOCs PER FID READING. THREE OF FOUR CANS WENT FLAT EARLY, LIKELY DUE TO TEMPERATURE EFFECTS AND POSITIVE PRESSURE FROM SAMPLE. ONE REGULATOR 34124 HAD TOP BREAK OFF FILTER UNDER NORMAL HAND TIGHTENING DUE TO METAL FATIGUE.

Samples Shipped by: EDWARD M. MURPHY	Date/Time: 3/16/13 1315	Samples Received by: 3/20/13 10:20
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only **Shipper Name:** **Opened by:** **Condition:**

3/29/2013

ATTACHMENT 14

TANKS SOFTWARE MODEL OUTPUT FOR PETROLEUM STORAGE TANKS

TANKS 4.0
Emissions Report - Brief Format
Individual Summaries

Annual Emissions Report

UG-1 Horizontal Tank

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Gasoline (RVP 6)	30.61	46.60	77.20

x 2 (FOR LG-2) = 154.4 lb/yr

TANKS 4.0
Emissions Report - Brief Format
Individual Summaries

Annual Emissions Report

Kerosene Horizontal Tank

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	0.01	0.03	0.03

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

T-27 Fuel Oil Tank

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	1.22	8.39	9.61

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

FIREWATER PUMP DIESEL TANK

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	0.00	0.03	0.03

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

DF-1 DIESEL TANK

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	0.05	0.10	0.15

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

T-20 FUEL OIL TANK

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Distillate fuel oil no. 2	0.07	0.38	0.45

TANKS 4.0
Emissions Report - Summary Format
Individual Tank Emission Totals

Annual Emissions Report

E03/E04/E05 Motor/Waste Oil Tanks

	Losses(lbs)		
Components	Working Loss	Breathing Loss	Total Emissions
Crude oil (RVP 5)	1.59	22.21	23.80

← Per Tank

E05 = 10%

ATTACHMENT 15

ESTIMATED EMISSIONS: DRUM STORAGE BUILDING

Drum Storage Building (DSB)

1) Sampling

The drum storage building currently processes 36,000 drums annually, but DSB supervisors believe they can process a sustained capacity of 4,000 drums per month, or 48,000 drums annually.

Each drum's bung is opened and the contents are sampled. A 0.10 pint sample is extracted from each 55 gallon drum and take to the laboratory in a closed, marked jar. A small portion of this sample is used for the laboratory analysis, with the remainder being returned to the drum. It is conservatively estimated that 10% of the material, or 0.01 pint, is consumed in the analysis procedure.

Each drum's bung is removed for less than one minute to return unused sample material. These drums are sampled after they have been in the Drum Storage Building long enough to reach equilibrium temperature and "settle out."

The amount of VOC emissions is overestimated by assuming that all of the analyzed volume evaporates, since only a small fraction of the drums are filled with VOCs[1]. Thus, annual emissions may be conservatively estimated to be:

$$\text{VOC emissions} = \frac{(48{,}000 \text{ drums})}{\text{yr}} \frac{(0.01 \text{ pint})}{\text{drum}} \frac{(1 \text{ gal})}{8 \text{ pint}} \frac{(7.00 \text{ lb})}{\text{gal}} \frac{(1 \text{ ton})}{2000 \text{ lb}} = 0.21 \text{ ton/yr}$$

The density of 7.00 lb/gal coincides closely with distillate fuels; most solvents are closer to 6.00 lb/gal. This estimate is probably at least one order of magnitude over actual emissions when these conservative factors are taken into account. Regardless of how greatly this emissions level is overestimated, the calculated value already establishes this activity to be a very minimal source of VOC emissions.

---

[1] Currently only 2,400 drums annually contain waste fuel

2) Waste Fuel Transfer

After sampling and analysis activities have been completed, any waste fuel is transferred from 55 gallon drums to tank trucks. The fuel transferred from the 55 gallon drums in a separate, isolated room in the DSB. The room is ventilated directly to the atmosphere. The waste fuel drums are pumped out with no vapor recovery apparatus. It is assumed that splash loading occurs inside the truck. The physical properties of gasoline and fuel oil have been averaged to establish a representative composite fuel profile for emissions estimation purposes.

The properties of gasoline (RVP = 13) and #2 fuel oil were taken from AP-42, Table 4.3-2 for determination of this composite profile. The resultant values for fuel loading VOC emissions are used below:

$$L_L = 12.46 \frac{SPM}{T} = \frac{(12.46)(1.45)(3.4537)(96)}{(460 + 55.8)}$$

$$= 11.61 \text{ lb VOC}/10^3 \text{ gal of fuel loaded}$$

where:

S	=	Saturation factor for splash loading (Table 4.4-1 of AP-42)
P	=	True vapor pressure of liquid loaded, psia
M	=	Molecular weight of vapor, lb/lb-mole
T	=	Temperature of bulk liquid loaded, °R (Table 12.3-6 of AP-42)

Since the maximum fuel transfer capacity is 5,000 drums per year, the maximum potential emissions are:

$$\frac{(5{,}000 \text{ drums})}{\text{yr}} \frac{(55 \text{ gal})}{\text{drum}} \frac{(11.61 \text{ lb VOC})}{1000 \text{ gal}} \frac{(1 \text{ ton})}{2000 \text{ lb}} = 1.60 \text{ ton VOC/yr}$$

The current annual emissions are less than one-half of the potential for this operation. The current level of emissions is:

$$\frac{(2{,}400 \text{ drums})}{\text{yr}} \frac{(55 \text{ gal})}{\text{drum}} \frac{(11.61 \text{ lb VOC})}{1000 \text{ gal}} \frac{(1 \text{ ton})}{2000 \text{ lb}} = 0.77 \text{ ton VOC/yr}$$

APPENDIX B

AIR STATE FACILITY PERMIT APPLICATION FORMS

New York State Department of Environmental Conservation
Air Permit Application

DEC ID	APPLICATION ID	OFFICE USE ONLY
9-2934-0022	- - /	

Section I - Certification

Title V Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information [required pursuant to 6 NYCRR 201-6.3(d)] I believe the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Responsible Official	Title
Signature	Date / /

State Facility Certification

I certify that this facility will be operated in conformance with all provisions of existing regulations.

Responsible Official **Michael Mahar**	Title **District Manager**
Signature	Date 11 3 14

Section II - Identification Information

Title V Facility Permit	State Facility Permit
__ New __ Significant Modification __ Administrative Amendment	X New Modification
__ Renewal __ Minor Modification General Permit Title:_____	General Permit Title:_____
__ Application involves construction of new facility	__ Application involves construction of new emission unit(s)

Owner / Firm

Name	**CWM Chemical Services, LLC**				
Street Address	**1550 Balmer Road**				
City	**Model City**	State **NY**	Country	Zip **14107**	
Owner Classification	__ - Federal __ -State __ - Municipal X - Corporation/Partnership __ - Individual			Taxpayer ID 3 6 4 2 0 3 3 4 7	

Facility

_ Confidential

Name	**CWM Model City Facility**	
Location Address	**1550 Balmer Road**	
X City / __Town / __ Village	**Model City**	Zip **14107**

Project Description

_ Continuation Sheet(s)

CWM Chemical Services, LLC is applying for an Air State Facility Permit Application as a result of the recent promulgation of 6 NYCRR Part 201-9 and changes to 6 NYCRR Part 201-4. No new emission units or emission sources are being added to the Facility.

Owner / Firm Contact Mailing Address

Name (Last, First, Middle Initial)	**Rizzo, Jonathan P.**			Phone No.	**(716) 286 - 0354**
Affiliation	**CWM Chemical Services, LLC**	Title	**Permitting Manager**	Fax No.	**(716) 286 - 0224**
Street Address	**1550 Balmer Road**				
City	**Model City**	State **NY**	Country **USA**	Zip	**14107**

Facility Contact Mailing Address

Name (Last, First, Middle Initial)	**Rizzo, Jonathan P.**			Phone No.	**(716) 286 - 0354**
Affiliation	**CWM Chemical Services, LLC**	Title	**Permitting Manager**	Fax No.	**(716) 286 - 0224**
Street Address	**1550 Balmer Road**				
City	**Model City**	State **NY**	Country **USA**	Zip	**14107**

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section III - Facility Information

Classification

_ Hospital _ Residential _ Educational/Institutional _ Commercial X Industrial _ Utility

Affected States (Title V Only)

_ Vermont _ Massachusetts _ Rhode Island _ Pennsylvania Tribal Land: **Tuscarora IR**
_ New Hampshire _ Connecticut _ New Jersey _ Ohio Tribal Land: **Tonawanda IR**
Tribal Land: **Cattaraugus IR**

SIC Codes

Facility Description

_ Continuation Sheet(s)

Compliance Statements (Title V Only)

For all emission sources at this facility that are operating in compliance with all applicable requirements including any compliance certification requirements under section 114 (a) (3) of the clean air act amendments of 1990, complete the following:

___ This Facility will continue to be operated and maintained in such a manner as to assure compliance for the duration of the permit.
___ For all emission units, subject to any applicable requirements that will become effective during the term of the permit, this facility will meet all such requirements on a timely basis.
___ Compliance certification reports will be submitted at least once a year. Each report will certify compliance status with respect to each requirement, and the method used to determine the status.

Facility Applicable Federal Requirements

__ Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
40	**CFR**	**63**	**ZZZZ**						

Facility State Only Requirements

__ Continuation Sheet(s)

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause
6	**NYCRR**	**200**							
6	**NYCRR**	**201**							
6	**NYCRR**	**211**							
6	**NYCRR**	**212**							
6	**NYCRR**	**215**							

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section III - Facility Information (continued)

Facility Compliance Certification

_ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

_ Applicable Federal Requirement _ State Only Requirement	_ Capping	CAS. No. - -	Contaminant Name

Monitoring Information

_ Ambient Air Monitoring _ Work Practice Involving Specific Operations _ Record Keeping/Maintenance Procedures

Description

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description

Averaging Method ode	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description

Facility Emissions Summary

X Continuation Sheet(s)

CAS No.	Contaminant Name	PTE (lbs/yr)	PTE Range Code	Actual (lbs/yr)
NY075 - 00 - 5	PM-10		B	
NY075 - 02 - 5	PM-2.5		B	
7446 - 09 - 5	SO_2		B	
NY210 - 00 - 0	NO_x		B	
630 - 08 - 0	CO		A	
NY998 - 00 - 0	VOC		B	
NY100 - 00 - 0	HAP		A	
- -	**All Individual Speciated HAPs**		Y	
- -				
- -				
- -				
- -				

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 1 - L A N D F

Landfill Operations: Paved / unpaved road dust emissions, waste unloading and compacting, landfill capping

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

_ Continuation Sheet(s)

Emission Unit -					EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit -					EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Source/Control

_ Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
RMU01	**I**	**1994**	**1994**				**RMU-1 Landfill**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
117,359		**SQUARE METERS**				

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 1 - L E A C H

This emission unit consists of leachate collection, handling and storage for landfill areas SLF1-6, SLF-7, SLF-10 and SLF-11.

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

_ Continuation Sheet(s)

Emission Unit							EMISSION PT.				
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					

Emission Unit							EMISSION PT.				
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section						
					Length (in)	Width (in)					
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal					

Emission Source/Control

X Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
SPIP1	**I**	**1982**	**1982**				**Standpipes for SLF 1-6, SLF-7, SLF-10 & SLF-11 Areas**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
LTNK1	**I**	**1988**	**1988**				**Leachate Storage Tanks With Carbon Canisters**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
1,090,782	**15**	**GALLONS**				

DEC ID
9-2934-00022

Section IV - Emission Unit Information

Emission Unit
1-LEACH

Emission Source/Control (continuation)

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
CARB1	K	1988	1988				Carbon Canisters for Leachate Tanks

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
55 / 85	15	GALLONS				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 2 - L E A C H

This emission unit consists of leachate collection, handling and storage for landfill areas SLF-12 and RMU-1

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

_ Continuation Sheet(s)

Emission Unit - EMISSION PT.

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**

Emission Unit - EMISSION PT.

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**

Emission Source/Control

_ Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
SPIP2	**I**	**1990**	**1990**				**Standpipes for SLF-12 & RMU-01 Landfill Areas**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
LTNK2	**I**	**1990**	**1990**				**Leachate Storage Tanks Without Carbon Canisters**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
11,000	**15**	**GALLONS**				

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 1 - S T A B L

Stabilization Facility with 2 baghouses for control of particulates

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

_ Continuation Sheet(s)

Emission Unit 1 - S T A B L — EMISSION PT. 0 0 0 0 1

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	50		**96**	**Ambient**		
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**
	90,000					

Emission Unit 1 - S T A B L — EMISSION PT. 0 0 0 0 2

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	30		**52**	**Ambient**		
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**
	50,000					

Emission Source/Control

X Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
STBTK	**I**	**1992**	**1992**				**Stabilization Facility Tanks**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
150	**9**	**TONS PER HOUR**				

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
BGH01	**K**	**1992**	**1992**				**Baghouse #1**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
90,000	**118**	**CUBIC FEET PER MINUTE (ACT)**				

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9-2934-00022

Section IV - Emission Unit Information

Emission Unit	Emission Source/Control (continuation)
1-STABL	

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
BGH02	K	1992	1992				Baghouse #2

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
50,000	118	CUBIC FEET PER MINUTE (ACT)				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
							SLF 11 Standpipes

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9-29340-00022

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 1-AQWTP

Aqueous Waste Treatment Plant

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

X Continuation Sheet(s)

Emission Unit 1-AQWTP — EMISSION PT. 00003

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	7		4	Ambient		
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**
	116					

Emission Unit 1-AQWTP — EMISSION PT. 00004

Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	37		8	Ambient		
Exit Velocity (FPS)	**Exit Flow (ACFM)**	**NYTM (E) (KM)**	**NYTM (N) (KM)**	**Building**	**Distance to Property Line (ft)**	**Date of Removal**
	1,000					

Emission Source/Control

X Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
BIOTW	**I**	**2001**	**2001**				**Biotowers**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
30,457	**15**	**GALLONS (EACH)**				

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
AQTNK	**I**	**1985**	**1986**				**Aqueous Water Treatment Plant Tanks**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
378,574	**15**	**GALLONS**				

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9-2934-00022

Section IV - Emission Unit Information

Emission Point (continuation)

Emission Unit	1-AQWTP				EMISSION PT.	00005
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
	35		12	Ambient		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit	-				EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit	-				EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit	-				EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit	-				EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Unit	-				EMISSION PT.	
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section Length (in)	Cross Section Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

New York State Department of Environmental Conservation
Air Permit Application

DEC ID											
9	-	2	9	3	4	-	0	0	0	2	2

Section IV - Emission Unit Information

Emission Unit	Emission Source/Control (continuation)
1-AQWTP	

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
CARB2	K						Carbon Canisters for AQWTP

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
55	15	GALLONS				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
SCRUB	K	1986	1986				Caustic Scrubber

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
1,000	118	CUBIC FEET PER MINUTE (ACT)				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
PONDS	I	05/05	1970				Facultative Ponds

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
22,880,700	15	GALLONS				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
FLTPR	I	06/05	1986				Filter Press

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
75	90	CUBIC FEET (EACH)				

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

Emission Source ID	Emission Source Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information

Emission Unit Description

_ Continuation Sheet(s)

EMISSION UNIT 1 - B O I L R

14.7 MMBtu/hour Fuel Oil Boiler

Building

_ Continuation Sheet(s)

Building	Building Name	Length (ft)	Width (ft)	Orientation

Emission Point

_ Continuation Sheet(s)

Emission Unit	-						EMISSION PT.					
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section	
					Length (in)	Width (in)
			4	Ambient		
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal
	116					

Emission Unit	-						EMISSION PT.					
Ground Elev. (ft)	Height (ft)	Height Above Structure (ft)	Inside Diameter (in)	Exit Temp. (°F)	Cross Section	
					Length (in)	Width (in)
Exit Velocity (FPS)	Exit Flow (ACFM)	NYTM (E) (KM)	NYTM (N) (KM)	Building	Distance to Property Line (ft)	Date of Removal

Emission Source/Control

_ Continuation Sheet(s)

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.
BOILR	**I**	**1970**	**1970**				**14.7 MMBtu/hr Fuel Oil Boiler**

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description
14.7		**MILLION BTU PER HOUR**				

Emission Source ID	Type	Date of Construction	Date of Operation	Date of Removal	Control Type Code	Control Type Description	Manufacturer's Name/Model No.

Design Capacity	Design Capacity Units Code	Design Capacity Units Description	Waste Feed Code	Waste Feed Description	Waste Type Code	Waste Type Description

DEC ID
9-2934-00022

Section IV - Emission Unit Information (continued)

Process Information

_ Continuation Sheet(s)

EMISSION UNIT 1-LANDF — Process FUG

Description

Process FUG includes operation of the RMU-1 Landfill. Emissions occur from paved/ unpaved roads, waste unloading and compacting, and landfill capping.

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

RMU01							

EMISSION UNIT 1-LEACH — Process LE1

Description

Process LE1 includes emissions from the collection, handling and storage of leachate from the older landfills, SLF 1-6, SLF-7, SLF-10, and SLF-11. Due to the higher level of organics in the leachate, the storage tanks for these units have carbon canister air controls (C).

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

SPIP1	**LTNK1**	**CARB1**					

DEC ID
9-29340-00022

Section IV - Emission Unit Information (continued)

Process Information

_ Continuation Sheet(s)

EMISSION UNIT 2-LEACH | Process LE2

Description

Process LE2 includes emissions from the collection, handling and storage of leachate from the newer landfills, SLF 12 and RMU-1. These units have lower levels of organics; no carbon canisters are present on storage tanks.

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

SPIP2	**LTNK2**						

EMISSION UNIT 1-STABL | Process STB

Description

Process STB includes emissions from the stabilization facility. Stabilization includes the treatment of metals containing with cement kiln dust (CKD) or other similar material to change the metals into a less soluble/less toxic form prior to landfill disposal. 2 baghouses are used to control CKD and waste dust emissions during transfer and mixing.

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

STBTK	**BGH01**	**BGH02**					

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information (continued)

Process Information

_ Continuation Sheet(s)

EMISSION UNIT 1 - A Q W T P | Process T R E

Description

Process TRE includes emissions from sources located within the Aqueous Waste Treatment Plant. Full treatment train includes neutralization/metals precipitation, filtration to remove, solids (filtercake), biological treatment to reduce organics and treatment by granular activated carbon GAC). When old landfill leachate is processed, storage and treatment tanks and the biotowers are vented to carbon canisters (C). When waste acids are neutralized, the tanks may be vented to the caustic scrubber (C). No carbon canisters are present on the GAC or treated effluent tanks or the facultative ponds.

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

BIOTW	**AQTNK**	**CARB2**	**SCRUB**	**PONDS**	**FLTPR**		

EMISSION UNIT 1 - B O I L R | Process H T R

Description

Process HTR consists of emissions from a 14.7 MMBtu/hr fuel oil boiler

Source Classification Code (SCC)	Total Thruput		Thruput Quantity Units	
	Quantity/Hr	Quantity/Yr	Code	Description

__ Confidential
__ Operating at Maximum Capacity
__ Activity with Insignificant Emissions

Operating Schedule		Building	Floor
Hrs/Day	Days/Yr		

Emission Source/Control Identifier(s) (continued)

BOILR							

New York State Department of Environmental Conservation
Air Permit Application

DEC ID										
9	-	2	9	3	4	-	0	0	0	2	2

Section IV - Emission Unit Information (continued)

Emission Unit	Emission Point	Process	Emission Source	Emission Unit Applicable Federal Requirement _ Continuation Sheet(s)									
				Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	SubClaus

Emission Unit	Emission Point	Process	Emission Source	Emission Unit State Only Requirements _ Continuation Sheet(s)									
				Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	SubClaus
-													
-													
-													
-													
-													
-													

Emission Unit Compliance Certification

X Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

_ Applicable Federal Requirement _ State Only Requirement _ Capping

Emission Unit	Emission Point	Process	Emission Source	CAS. No.	Contaminant Name

Monitoring Information

_ Continuous Emission Monitoring
_ Intermittent Emission Testing
_ Ambient Air Monitoring
_ Monitoring of Process or Control Device Parameters as Surrogate
_ Work Practice Involving Specific Operations
_ Record Keeping/Maintenance Procedures

Description

Work Practice Type	Process Material Code	Process Material Description	Reference Test Method

Parameter Code	Parameter Description	Manufacturer Name/Model No.

Limit Upper	Limit Lower	Limit Units Code	Limit Units Description

Averaging Method Code	Averaging Method Description	Monitoring Frequency Code	Monitoring Frequency Description	Reporting Requirements Code	Reporting Requirements Description

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information (continued)

Determination of Non-Applicability (Title V Only)

_ Continuation Sheet(s)

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Emission Unit	Emission Point	Process	Emission Source	_ Applicable Federal Requirement _ State Only Requirement

Description

Rule Citation

Title	Type	Part	Sub Part	Section	Sub Division	Paragraph	Sub Paragraph	Clause	Sub Clause

Emission Unit	Emission Point	Process	Emission Source	_ Applicable Federal Requirement _ State Only Requirement

Description

Process Emissions Summary

_ Continuation Sheet(s)

EMISSION UNIT	1 - L A N D F					Process	F U G
CAS No.	Contaminant Name	% Thruput	% Capture	% Control		ERP (lb/hr)	ERP How Determ.
NY075-00-5	PM-10						

PTE (lb/hr)	PTE (lb/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lb/hr)	Actual (lb/yr)
1.62	14,194.5	7.1	38	03		

EMISSION UNIT	1 - L A N D F					Process	F U G
CAS No.	Contaminant Name	% Thruput	% Capture	% Control		ERP (lb/hr)	ERP How Determ.
NY075-02-5	PM-2.5						

PTE (lb/hr)	PTE (lb/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lb/hr)	Actual (lb/yr)
1.21	10,627.9	5.3	38	03		

EMISSION UNIT	1 - L E A C H					Process	L E 1
CAS No.	Contaminant Name	% Thruput	% Capture	% Control		ERP (lb/hr)	ERP How Determ.
NY998-00-0	VOC						

PTE (lb/hr)	PTE (lb/yr)	PTE (standard units)	Standard Units	PTE How Determined	Actual (lb/hr)	Actual (lb/yr)
0.05	451.9	0.2	38	04		

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information (continued)

Process Emissions Summary (continuation)

EMISSION UNIT	1 - L E A C H					Process	L E 1
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY100-00-0	HAP						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.05	464.4	0.2	38	04			

EMISSION UNIT	2 - L E A C H					Process	L E 2
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY998-00-0	VOC						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.00	10.5	0.0	38	04			

EMISSION UNIT	2 - L E A C H					Process	L E 2
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY100-00-0	HAP						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.00	8.4	0.0	38	04			

EMISSION UNIT	1 - S T A B L					Process	S T B
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY075-00-5	PM-10						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.01	52.5	0.03	38	04			

EMISSION UNIT	1 - S T A B L					Process	S T B
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY075-02-5	PM-2.5						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.01	52.5	0.03	38	04			

EMISSION UNIT	1 - A Q W T P					Process	T R E
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY998-00-0	VOC						
PTE		Standard Units	PTE How Determined	Actual			
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.00	1.7	0.001	38	08			

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information (continued)

Process Emissions Summary (continuation)

EMISSION UNIT	1 - A Q W T P					Process	T R E
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY100-00-0	HAP						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.02	131.4	0.066	38	08			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
630-08-0	CO						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.04	378.0	0.2	38	03			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY210-00-0	NO_x						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.17	1,512.0	0.8	38	03			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
7446-09-5	SO_2						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.25	2,147.0	1.1	38	03			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY075-00-5	PM-10						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.01	75.6	0.0	38	03			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY075-02-5	PM-2.5						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.01	75.6	0.0	38	03			

EMISSION UNIT	1 - B O I L R					Process	H T R
CAS No.	Contaminant Name	% Thruput	% Capture	% Control	ERP (lb/hr)	ERP How Determ.	
NY998-00-0	VOC						
PTE			Standard Units	PTE How Determined	Actual		
(lb/hr)	(lb/yr)	(standard units)			(lb/hr)	(lb/yr)	
0.00	19.1	0.0	38	03			

DEC ID											
9	-	2	9	3	4	-	0	0	0	2	2

Section IV - Emission Unit Information (continued)

Emission Unit Emissions Summary

_ Continuation Sheet(s)

Emission Unit						
	-					

CAS No.	Contaminant Name			
ERP (lb/yr)	PTE Emissions		Actual	
	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)
CAS No.	Contaminant Name			
ERP (lb/yr)	PTE Emissions		Actual	
	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)
CAS No.	Contaminant Name			
ERP (lb/yr)	PTE Emissions		Actual	
	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)
CAS No.	Contaminant Name			
ERP (lb/yr)	PTE Emissions		Actual	
	(lb/hr)	(lb/yr)	(lb/hr)	(lb/yr)

Compliance Plan

_ Continuation Sheet(s)

For any emission units which will not be in compliance at the time of permit issuance, complete the following:

_ This facility meets all applicable requirements except for those units listed below. This facility will achieve compliance for those units according to the following schedule:

Consent Order: | Certified progress reports are to be submitted every 6 months beginning:

Emission Unit	Process	Emission Source	Applicable Federal Requirement									
			Title	Type	Part	Sub Part	Section	Sub Division	Parag.	Sub Parag.	Clause	Sub Clause

Remedial Measure/Intermediate Milestones	R/I	Date Scheduled

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

Section IV - Emission Unit Information (continued)

Request for Emission Reduction Credits

_ Continuation Sheet(s)

EMISSION UNIT | | - | | | | | |

Emission Reduction Description

Contaminant Emission Reduction Data

Baseline Period __/__/__ to __/__/__

CAS No.	Contaminant Name	Reduction Date	Reduction Method	ERC (lbs/yr) Netting	ERC (lbs/yr) Offset
- -					
- -					
- -					

Facility to Use Future Reduction

Name | APPLICATION ID | - | | | | | - | | | | | / | | | | | |

Location Address

__ City / __ Town / __ Village | State | Zip

Use of Emission Reduction Credits

_ Continuation Sheet(s)

EMISSION UNIT | | - | | | | | |

Proposed Project Description

Contaminant Emissions Increase Data

CAS No.	Contaminant Name	PEP (lbs/yr)
- -		

Statement of Compliance

_ All major facilities under the ownership of this "ownership/firm" are operating in compliance with all applicable requirements and state regulations including any compliance certification requirements under section 114(a)(3) of the clean air act amendments of 1990, or are meeting the schedule of a consent order.

Source of Emission Reduction Credit - Facility

Name | PERMIT ID | - | | | | | - | | | | | / | | | | | |

Location Address

__ City / __ Town / __ Village | State | Zip

Emission Unit	CAS No.	Contaminant Name	ERC (lbs/yr) Netting	ERC (lbs/yr) Offset
-	- -			
-	- -			
-	- -			

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

List of Attachments

Supporting Documentation

- [X] P.E. Certification
- [ ] List of Exempt Activities (form attached)
- [X] Methods Used to Determine Compliance (form attached)
- [ ] Plot Plan
- [X] Calculations
- [ ] Air Quality Model (__/__/__)
- [ ] Confidentiality Justification
- [ ] Ambient Air Monitoring Plan (__/__/__)
- [ ] Stack Test Protocols/Reports (__/__/__)
- [ ] Continuous Emissions Monitoring Plans/QA/QC (__/__/__)
- [ ] MACT Demonstration (__/__/__)
- [ ] Operational Flexibility: Description of Alternative Operating Scenarios and Protocols
- [ ] Title IV: Application/Registration
- [ ] ERC Quantification (form attached)
- [ ] Use of ERC(s) (form attached)
- [ ] Baseline Period Demonstration
- [ ] Analysis of Contemporaneous Emission Increase/Decrease
- [ ] LAER Demonstration (__/__/__)
- [ ] BACT Demonstration (__/__/__)
- [ ] Other Document(s): _____ (__/__/__)

_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)
_____ (__/__/__)

New York State Department of Environmental Conservation
Air Permit Application

DEC ID
9 - 2 9 3 4 - 0 0 0 2 2

METHODS USED TO DETERMINE COMPLIANCE

Emission Unit ID	Applicable Requirement	Method Used to Determine Compliance and Corresponding Date
1-LANDF	6 NYCRR Part 373	Employ best management practices specified in the Facility's 'Fugitive Dust Control Plan'
1-LEACH	6 NYCRR 373-2.28	Equipment including pumps, valves, flanges, in contact with hazardous waste containing more than 10% organics is subject to 6 NYCRR 373-2.28 Air Emission Standards for Equipment Leaks. The facility will perform monitoring and corrective actions as specified in this regulation, which is referenced in the facility's RCRA Permit.
1-LEACH	6 NYCRR 373-2.29	Tanks containing hazardous waste (as listed in facility's RCRA Permit) with >500 ppm VOCs, such as site generated old landfill leachate, are subject to 6 NYCRR 373-2.29 Air Emission Standards for Tanks, Containers and Surface Impoundments. As required by this regulation, tanks determined to be Level 1 will either be closed with no cracks, gaps or openings or if they are vented, a control device such as a carbon canister will be employed. The facility will perform tank inspections and corrective action as specified in this regulation. As a best management practice, these carbon canisters will be monitored routinely for breakthrough and replaced in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan.

		perform tank inspections and corrective action as specified in this regulation. As a best management practice, these carbon canisters will be monitored routinely for breakthrough and replaced in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan. For Level 2 tanks (e.g. the biotower system), monitoring and carbon canister replacement will be performed in accordance with CWM's 6 NYCRR 373-2.29 Compliance Plan.
1-AQWTP		When strong acid wastes are being processed, the tanks in use are vented to the caustic scrubber to neutralize the acid vapor. The caustic scrubber is operated, monitored and maintained in accordance with the facility's Aqueous Waste Treatment Operations & Maintenance Manual.
1-BOILR	40 CFR 63, Subpart JJJJJJ	The 14.7 MMBtu/hr (North American) boiler, the 5.23 MMBtu/hr (Cleaver Brooks) boiler and 0.101 MMBtu/hr (Fulton) boilers are subject to 40 CFR 63, Subpart JJJJJJ. The initial notification form must be filled out and submitted no later than January 20, 2014. The initial tune-up must be performed no later than March 21, 2014. The initial Notification of Compliance Status form must be completed and submitted no later than July 19, 2014. Subsequent tune-ups must be conducted every 2 years for the two larger boilers and every 5 years for the smallest unit. Documentation of these activities will be maintained on-site. A one-time energy assessment must be performed by March 21, 2014.

New York State Department of Environmental Conservation
Air Permit Application

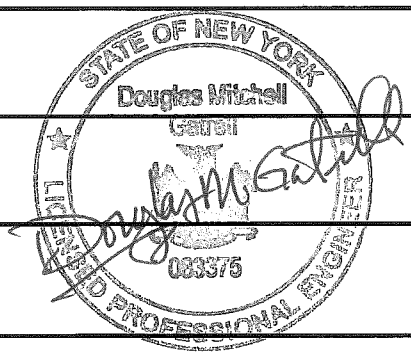
DEC ID
- -

P.E. Certification

I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments as they pertain to the practice of engineering. This is defined as the performance of a professional service such as consultation, investigation, evaluation, planning, design or supervision of construction or operation in connection with any utilities, structures, buildings, machines, equipment, processes, works, or projects wherein the safeguarding of life, health and property is concerned, when such service or work requires the application of engineering principals and data. Based on my inquiry of those individuals with primary responsibility for obtaining such information, I certify that the statements and information are to the best of my knowledge and belief true, accurate and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name of P.E. DOUGLAS M. GATRELL

Signature of P.E. Douglas M. Gatrell



Date 12 / 30 / 2013

NYS License No. 083375-1

Phone (716) 297-6150.