



Modern Landfill
4400 Mt. Pisgah Road
York, PA 17406

May 19, 2022

Commonwealth of Pennsylvania
Department of Environmental Protection
Southcentral Regional Office
Clean Water Program
909 Elmerton Avenue
Harrisburg, PA 17110-8200

Attn: Bonnie J. Boylan | Environmental Engineering Specialist

Department of Environmental Protection | Clean Water Program

RE: Revision to Republic Services, Inc.'s Modern Landfill NPDES Permit No. PA0046680 Renewal Application

Dear Ms. Boylan:

Modern Landfill is owned and operated by Republic Services of Pennsylvania, LLC. The site is located in Windsor and Lower Windsor Townships, York County, Pennsylvania. The landfill is currently operating under NPDES permit No. PA00466680 for discharges from its leachate treatment plant to Kreutz Creek and stormwater outfalls to UNTs to Kreutz Creek. The permit was issued on February 1, 2017.

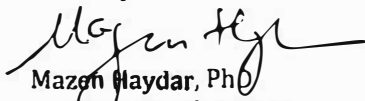
The Modern Landfill NPDES Individual Industrial Waste and Stormwater Permit renewal application for NPDES permit No. PA0055328 was originally submitted electronically to PADEP's OnBase on August 4, 2021. As previously discussed, a review of the application identified errors in the calculations for the Pollutant Group Analysis Tables. The following revised tables have been included with this submission to PADEP's OnBase:

- Influent Analysis Results Table Pollutant Groups 1-7
- Influent Analysis Results Table Additional Parameters
- Effluent Analysis Results Table Pollutant Group 1-7
- Effluent Analysis Results Table Additional Parameters
- Module 1 Stormwater Sampling Results
- Module 2 Groundwater Remediation Systems Sample Results

Republic requests that these revised tables replace the previously submitted corresponding tables in the application.

If you have any questions or comments regarding the information contained in this revision, please contact me at your convenience.

Sincerely,


Mazen Haydar, PhD
Environmental Manager

Attachments

Signature Page

CERTIFICATION AND SIGNATURE OF APPLICANT

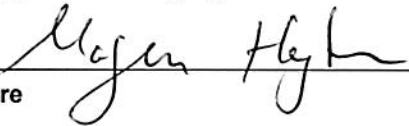
I certify under penalty of law that this document and all attachments and modules were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons 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. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Mazen Haydar, PhD.

Environmental Manager

Name (Type or Print Legibly)

Official Title



05/19/2022

Signature

Date

Influent Analysis Results Table Pollutant Groups 1-7

ANALYSIS RESULTS TABLE POLLUTANT GROUP 1

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 1 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
BOD ₅ (mg/L)	200 b	261.61 b	200 b	261.61 b	200 b	261.61 b	1	0	60.0	SM 5210B
COD (mg/L)	2,830	3,701.75	2,830	3,701.75	2,830	3,701.75	1	0	200.0	410.4
TOC (mg/L)	1,780	2,328.31	1,780	2,328.31	1,780	2,328.31	1	0	40.0	SM 5310C
TSS (mg/L)	412	538.91	412	538.91	412	538.91	1	0	4	SM 2540D
Ammonia-Nitrogen (mg/L)	1,300	1,700.45	1,300	1,700.45	1,300	1,700.45	1	0	20.00	ASTM D6919-09
Temperature (Winter) (°F)	XXX	XXX	XXX	XXX	XXX	XXX	1	0	XXX	XXX
Temperature (Summer) (°F)	30.39	XXX	30.39	XXX	30.39	XXX	1	0	XXX	Meter
pH – Minimum (S.U.)	8.55	XXX	8.55	XXX	8.55	XXX	1	0	XXX	Meter
pH – Maximum (S.U.)	8.55	XXX	8.55	XXX	8.55	XXX	1	0	XXX	Meter
Fecal Coliform (No./100 mL)	<100	XXX	<100	XXX	<100	XXX	1	1	100	SM 9222D
Oil and Grease (mg/L)	7.4 J B	9.68 J B	7.4 J B	9.68 J B	7.4 J B	9.68 J B	1	0	11.6	1664B
TRC (mg/L)	<0.02	XXX	<0.02	XXX	<0.02	XXX	1	1	0.02	SM 4500 CI G
Total Phosphorus (mg/L)	4.9	6.41	4.9	6.41	4.9	6.41	1	0	1	SM 4500-P B/E
TKN (mg/L)	1,610	2,105.94	1,610	2,105.94	1,610	2,105.94	1	0	50	EPA 351.2
Nitrite + Nitrate-Nitrogen (mg/L)	188	245.91	188	245.91	188	245.91	1	0	10	Calculation
Total Dissolved Solids (mg/L)	19,500	25,506.73	19,500	25,506.73	19,500	25,506.73	1	0	400	SM2540C
Color (Pt-Co Units)	>700	XXX	>700	XXX	>700	XXX	1	0	25	SM 2120B
Bromide (mg/L)	130	170.04	130	170.04	130	170.04	1	0	20	300
Chloride (mg/L)	8,550	11,183.72	8,550	11,183.72	8,550	11,183.72	1	0	150	SM4500 CL-E
Sulfate (mg/L)	<1.5	<1.96	<1.5	<1.96	<1.5	<1.96	1	1	1.5	D516-90, 02
Sulfide (mg/L)	8	2.32	8	2.32	8	2.32	1	0	0.5	SM 4500 S2 F
Surfactants (mg/L)	0.1	0.13	0.1	0.13	0.1	0.13	1	0	0.025	SM 5540C
Fluoride (mg/L)	4.3 J	5.62 J	4.3 J	5.62 J	4.3 J	5.62 J	1	0	20	300
Total Hardness (mg/L)	1,520	1,988.22	1,520	1,988.22	1,520	1,988.22	1	0	20	SM2340C

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 2

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 2 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Aluminum, Total (µg/L)	210	0.275	210	0.275	210	0.275	1	0	0.06	E200.7
Antimony, Total (µg/L)	18.5	0.024	18.5	0.024	18.5	0.024	1	0	5.00	E200.8
Arsenic, Total (µg/L)	257	0.336	257	0.336	257	0.336	1	0	5.00	E200.8
Barium, Total (µg/L)	503	0.658	503	0.658	503	0.658	1	0	2.00	E200.7
Beryllium, Total (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	1	1	1.00	E200.7
Boron, Total (µg/L)	43,000	56	43,000	56	43,000	56	1	0	50.00	EPA 200.8
Cadmium, Total (µg/L)	1	0.0013	1	0.0013	1	0.0013	1	0	1.00	E200.8
Chromium, Total (µg/L)	322	0.421	322	0.421	322	0.421	1	0	4.00	E200.7
Chromium, Hexavalent (µg/L)	<10	<0.013	<10	<0.013	<10	<0.013	1	1	10.00	E218.6
Cobalt, Total (µg/L)	38.5	0.050	38.5	0.050	38.5	0.050	1	0	1.00	E200.7
Copper, Total (µg/L)	300	0.39	300	0.39	300	0.39	1	0	0.90	EPA 200.8
Cyanide, Total (µg/L)	75.9	0.099	75.9	0.099	75.9	0.099	1	0	10.00	335.4
Iron, Total (µg/L)	16,600	21.71	16,600	21.71	16,600	21.71	1	0	20.00	E200.7
Iron, Dissolved (µg/L)	9,500	12.43	9,500	12.43	9,500	12.43	1	0	50.00	E200.7
Lead, Total (µg/L)	<10	<0.013	<10	<0.013	<10	<0.013	1	1	10.00	EPA 200.8
Manganese, Total (µg/L)	1,610 B	2.106 B	1,610 B	2.106 B	1,610 B	2.106 B	1	0	2.00	E200.7
Mercury, Total (µg/L)	<0.4	<0.001	<0.4	<0.001	<0.4	<0.001	1	1	0.40	E245.1
Molybdenum, Total (µg/L)	53	0.069	53	0.069	53	0.069	1	0	4.00	E200.7
Nickel, Total (µg/L)	260	0.340	260	0.340	260	0.340	1	0	4.00	E200.7
Phenols, Total (µg/L)	632	0.827	632	0.827	632	0.827	1	0	50.00	420.4
Selenium, Total (µg/L)	2.5 J	0.0033 J	2.5 J	0.0033 J	2.5 J	0.0033 J	1	0	5.00	E200.8
Silver, Total (µg/L)	0.71 J	0.0009 J	0.71 J	0.0009 J	0.71 J	0.0009 J	1	0	2.00	E200.8
Thallium, Total (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	1	1	1.00	E200.8
Zinc, Total (µg/L)	80	0.10	80	0.10	80	0.10	1	0	5.00	EPA 200.8

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 3 (PAGE 1 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME		Republic Services of Pennsylvania, LLC								
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 3 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Acrolein (µg/L)	<17	<0.0222	<17	<0.0222	<17	<0.0222	1	1	17.00	624.1
Acrylonitrile (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	5.00	624.1
Benzene (µg/L)	<0.6	<0.0008	<0.6	<0.0008	<0.6	<0.0008	1	1	0.60	624.1
Bromoform (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
Carbon Tetrachloride (µg/L)	<0.51	<0.0007	<0.51	<0.0007	<0.51	<0.0007	1	1	0.51	624.1
Chlorobenzene (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
Chlorodibromomethane (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
Chloroethane (µg/L)	<0.87	<0.0011	<0.87	<0.0011	<0.87	<0.0011	1	1	0.87	624.1
2-Chloroethylvinyl Ether (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	5.00	624.1
Chloroform (µg/L)	<0.54	<0.0007	<0.54	<0.0007	<0.54	<0.0007	1	1	0.54	624.1
Dichlorobromomethane (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	1.00	624.1
1,1-Dichloroethane (µg/L)	<0.59	<0.0008	<0.59	<0.0008	<0.59	<0.0008	1	1	0.59	624.1
1,2-Dichloroethane (µg/L)	<0.6	<0.0008	<0.6	<0.0008	<0.6	<0.0008	1	1	0.60	624.1
1,1-Dichloroethylene (µg/L)	<0.86	<0.0011	<0.86	<0.0011	<0.86	<0.0011	1	1	0.86	624.1
1,2 Dichloropropane (µg/L)	<0.61	<0.0008	<0.61	<0.0008	<0.61	<0.0008	1	1	0.61	624.1
1,3-Dichloropropylene (µg/L)	<2.7	<0.0035	<2.7	<0.0035	<2.7	<0.0035	1	1	2.70	624.1
1,4-Dioxane (µg/L)	220	0.2878	220	0.2878	220	0.2878	1	0	15.00	624.1
Ethylbenzene (µg/L)	0.78	0.0010	0.78	0.0010	0.78	0.0010	1	0	0.50	624.1
Methyl Bromide (µg/L)	<1.2	<0.0016	<1.2	<0.0016	<1.2	<0.0016	1	1	1.20	624.1
Methyl Chloride (µg/L)	2	0.0026	2	0.0026	2	0.0026	1	0	0.64	624.1
Methylene Chloride (µg/L)	<0.82	<0.0011	<0.82	<0.0011	<0.82	<0.0011	1	1	0.82	624.1
1,1,2,2-Tetrachloroethane (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
Tetrachloroethylene (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 3 (PAGE 2 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 3 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Toluene (µg/L)	0.91	0.0012	0.91	0.0012	0.91	0.0012	1	0	0.50	624.1
1,2-Trans-Dichloroethylene (µg/L)	<0.59	<0.0008	<0.59	<0.0008	<0.59	<0.0008	1	1	0.59	624.1
1,1,1-Trichloroethane (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
1,1,2-Trichloroethane (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.50	624.1
Trichloroethylene (µg/L)	<0.6	<0.0008	<0.6	<0.0008	<0.6	<0.0008	1	1	0.60	624.1
Vinyl Chloride (µg/L)	<0.75	<0.0010	<0.75	<0.0010	<0.75	<0.0010	1	1	0.75	624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 4

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 4 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
2-Chlorophenol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
2,4-Dichlorophenol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
2,4-Dimethylphenol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
4,6-Dinitro-o-Cresol (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2000	625.1
2,4-Dinitrophenol (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2000	625.1
2-Nitrophenol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
4-Nitrophenol (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2000	625.1
P-Chloro-m-Cresol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Pentachlorophenol (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2000	625.1
Phenol (µg/L)	650 J	0.850 J	650 J	0.850 J	650 J	0.850 J	1	0	1000	625.1
2,4,6-Trichlorophenol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1,000	625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 1 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME		Republic Services of Pennsylvania, LLC								
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Acenaphthene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Acenaphthylene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Acrylamide (µg/L)	<1900	<2.485	<1900	<2.485	<1900	<2.485	1	1	1900	625.1
Anthracene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Benzidine (µg/L)	<10000	<13.080	<10000	<13.080	<10000	<13.080	1	1	10000	625.1
Benzo(a)Anthracene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Benzo(a)Pyrene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
3,4-Benzo-fluoranthene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Benzo(ghi)Perylene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Benzo(k)Fluoranthene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Bis(2-Chloro-ethoxy)Methane (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Bis(2-Chloroethyl)Ether (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Bis(2-Chloro-isopropyl)Ether (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Bis(2-Ethylhexyl)Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
4-Bromophenyl Phenyl Ether (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Butyl Benzyl Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
2-Chloronaphthalene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
4-Chlorophenyl Phenyl Ether (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Chrysene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 2 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Dibenzo(a,h)Anthracene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
1,2-Dichlorobenzene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
1,3- Dichlorobenzene (µg/L)	<140	<0.183	<140	<0.183	<140	<0.183	1	1	140	625.1
1,4- Dichlorobenzene (µg/L)	<1100	<1.439	<1100	<1.439	<1100	<1.439	1	1	1100	625.1
3,3'-Dichlorobenzidine (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Diethyl Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Dimethyl Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Di-n-Butyl Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
2,4-Dinitrotoluene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
2,6-Dinitrotoluene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Di-n-Octyl Phthalate (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
1,2-Diphenylhydrazine (as Azobenzene) (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2000	625.1
Fluoranthene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Fluorene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Hexachlorobenzene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Hexechlorobutadiene (µg/L)	<200	<0.262	<200	<0.262	<200	<0.262	1	1	200	625.1
Hexachlorocyclopentadiene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Hexachloroethane (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 3 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Indeno(1,2,3-cd)Pyrene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Isophorone (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Naphthalene (µg/L)	<170	<0.222	<170	<0.222	<170	<0.222	1	1	170	625.1
Nitrobenzene (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
N-Nitroso-di-methylamine (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
N-Nitroso-di-n-propylamine (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
N-Nitroso-di-n-phenylamine (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1000	625.1
Phenanthrene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
Pyrene (µg/L)	<500	<0.654	<500	<0.654	<500	<0.654	1	1	500	625.1
1,2,4-Trichlorobenzene (µg/L)	<160	<0.209	<160	<0.209	<160	<0.209	1	1	160	625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 6 (PAGE 1 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 6 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Aldrin (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Alpha BHC (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Beta BHC (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Gamma BHC (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Delta BHC (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Chlordane (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	5	608.30
4,4'-DDT (µg/L)	0.28 J	0.0004 J	0.28 J	0.0004 J	0.28 J	0.0004 J	1	0	0.5	608.30
4,4'-DDE (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
4,4'-DDD (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Dieldrin (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Alpha- Endosulfan (µg/L)	1	0.0013	1	0.0013	1	0.0013	1	0	0.5	608.30
Beta-Endosulfan (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Endosulfan Sulfate (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Endrin (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Endrin Aldehyde (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Heptachlor (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
Heptachlor Epoxide (µg/L)	<0.5	<0.0007	<0.5	<0.0007	<0.5	<0.0007	1	1	0.5	608.30
PCB -1242 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
PCB -1254 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 6 (PAGE 2 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 6 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
PCB-1221 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
PCB-1232 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
PCB-1248 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
PCB-1260 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
PCB-1016 (µg/L)	<0.2	<0.0003	<0.2	<0.0003	<0.2	<0.0003	1	1	0.2	608.30
Toxaphene (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	5	608.30

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 7

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number _____ (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 7 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Gross Alpha (pCi/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beta, Total (pCi/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Radium 226/228, Total (pCi/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Strontium, Total (µg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium, Total (µg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Osmotic Pressure (mOsm/kg)	666	XXX	666	XXX	666	XXX	1	0	10	391-2000-008
Additional Parameters										
m,p-Xylene (µg/L)	1.2	0.002	1.2	0.002	1.2	0.002	1	0	1	624.1
MTBE (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
O-Xylene, C (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Trans-1,3-dichloropropene (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Nickel Dissolved (µg/L)	290	0.379	290	0.379	290	0.379	1	0	10	E200.7
Aniline (µg/L)	<2,000	<2.616	<2,000	<2.616	<2,000	<2.616	1	1	2,000	625.1
Pyridine (µg/L)	<5,000	<6.540	<5,000	<6.540	<5,000	<6.540	1	1	5,000	625.1
1,1,1,2-Tetrachloroethane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	EPA 624.1
Dissolved Oxygen (mg/L)	0.59	XXX	0.59	XXX	0.59	XXX	1	0	XXX	Meter
2,4-D (µg/L)	<250	<0.327	<250	<0.327	<250	<0.327	1	1	250	SW8151A
3-Chloroprene [Allyl Chloride](µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	EPA 624.1
Trans 1,2-Dichloroethene (µg/L)	<0.59	<0.0008	<0.59	<0.0008	<0.59	<0.0008	1	1	0.59	624.1
Trichloroethene (µg/L)	<0.6	<0.0008	<0.6	<0.0008	<0.6	<0.0008	1	1	0.6	624.1
Tritium pCi/L	136,000	XXX	136,000	XXX	136,000	XXX	1	0	500	906.0

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

Influent Analysis Results Table Additional Parameters

ANALYSIS RESULTS TABLE

ADDITIONAL PARAMETERS (PAGE 1 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
1,2,3 Trichloropropane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1.000	624.1
4-Methyl-2-pentanone (µg/L)	15	0.020	15	0.020	15	0.020	1	0	5.00	624.1
Acetone (µg/L)	1800	2.354	1800	2.354	1800	2.354	1	0	5	624.1
Total Alkalinity (mg/L)	6410	8384.52	6410	8384.52	6410	8384.52	1	0	800.00	310.2
Xylenes- Total (µg/L)	1.2 J	0.0016 J	1.2 J	0.0016 J	1.2 J	0.0016 J	1	0	2.000	624.1
1-Propanol (mg/L)	0.64	0.837	0.64	0.837	0.64	0.837	1	0	5.000	SW 8015D_DAI
2-Butanone (µg/L)	620	0.811	620	0.811	620	0.811	1	0	15	624.1
2-Hexanone (µg/L)	<5	<0.0065	<5	<0.0065	<5	<0.0065	1	1	5	624.1
1,2-Dibromoethane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1.0	624.1
cis-1,2-Dichloroethene (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1.00	624.1
cis-1,3-Dichloropropene (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1.0	624.1
Dichlorodifluoromethane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1.0	624.1
Trichlorofluoromethane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
2-Propanol (mg/L)	4.9	6.409	4.9	6.409	4.9	6.409	1	0	5	SW 8015D_DAI
A-Terpineol (µg/L)	<2000	<2.616	<2000	<2.616	<2000	<2.616	1	1	2,000	625.1
Benzoic Acid (ug/L)	<30000	<39.24	<30000	<39.24	<30000	<39.24	1	1	30,000	625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE

ADDITIONAL PARAMETERS (PAGE 2 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME Republic Services of Pennsylvania, LLC

- Outfall / IMP Number 001** (Show location of sampling point on Line Drawing)
 Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
 Intake Sampling Results (Specify Source: _____)
 Background (Upstream) Sampling Results (Specify Location: _____)
 New Discharge (Basis for Information: _____)

ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
p-Cresol (µg/L)	<1000	<1.308	<1000	<1.308	<1000	<1.308	1	1	1,000	625.1
Tetrahydrofuran (µg/L)	170	0.222	170	0.222	170	0.222	1	0	2	624.1
Carbon Disulfide (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Methyl iodide (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Styrene (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Cyanide, Free (µg/L)	1.7 J B	0.002 J B	1.7 J B	0.002 J B	1.7 J B	0.002 J B	1	0	5	SW 9016
Sulfite (as SO ₃) (mg/L)	<10	<13.08	<10	<13.08	<10	<13.08	1	1	10	SM 4500-SO ₃ B
Tin, Total (µg/L)	36	0.047	36	0.047	36	0.047	1	0	10	E200.7
Titanium, Total (µg/L)	120	0.157	120	0.157	120	0.157	1	0	5	E200.7
Calcium, Total (µg/L)	173000	226.29	173000	226.29	173000	226.29	1	0	500	E200.7
Potassium, Total (µg/L)	1210000	1582.73	1210000	1582.73	1210000	1582.73	1	0	5000	E200.7
Sodium, Total (µg/L)	5370000	7024.16	5370000	7024.16	5370000	7024.16	1	0	10,000	E200.7
Vanadium, Total (µg/L)	41	0.054	41	0.054	41	0.054	1	0	5	E200.7
Barium, Dissolved (µg/L)	260	0.340	260	0.340	260	0.340	1	0	2	E200.7
Cadmium, Dissolved (µg/L)	0.58 J	0.001 J	0.58 J	0.001 J	0.58 J	0.001 J	1	0	2	E200.7
Calcium, Dissolved (µg/L)	151000	197.51	151000	197.51	151000	197.51	1	0	500	E200.7
Chromium, Dissolved (µg/L)	326	0.426	326	0.426	326	0.426	1	0	4	E200.7
Copper, Dissolved (µg/L)	1.8 J	0.002 J	1.8 J	0.002 J	1.8 J	0.002 J	1	0	10	E200.7
Lead, Dissolved (µg/L)	<100	<0.131	<100	<0.131	<100	<0.131	1	1	100	E200.7
Magnesium Dissolved (ug/L)	246000	321.78	246000	321.78	246000	321.78	1	0	200	E200.7

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE
ADDITIONAL PARAMETERS (PAGE 3 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME Republic Services of Pennsylvania, LLC										
<input type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input checked="" type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Manganese, Dissolved (µg/L)	1440 B	1.884 B	1440 B	1.884 B	1440 B	1.884 B	1	0	3	E200.7
Potassium, Dissolved (µg/L)	1190000	1556.56	1190000	1556.56	1190000	1556.56	1	0	5000	E200.7
Selenium, Dissolved (µg/L)	<25	<0.033	<25	<0.033	<25	<0.033	1	1	25	E200.7
Silver Dissolved (µg/L)	<6	<0.008	<6	<0.008	<6	<0.008	1	1	6	E200.7
Sodium Dissolved (µg/L)	5010000	6553.27	5010000	6553.27	5010000	6553.27	1	0	10	E200.7
Zinc, Dissolved (µg/L)	35.6	0.047	35.6	0.047	35.6	0.047	1	0	10	E200.7
Magnesium (µg/L)	223000	291.692	223000	291.692	223000	291.692	1	0	200	E200.7
Arsenic Dissolved (µg/L)	281	0.368	281	0.368	281	0.368	1	0	15	E200.7
Mercury, Dissolved (µg/L)	<0.2	<0.000	<0.2	<0.000	<0.2	<0.000	1	1	0.2	E245.1
Bicarbonate Alkalinity as Caco3 (mg/L)	6410	8384.52	6410	8384.52	6410	8384.52	1	0	800	310.2
Total Nitrogen (mg/L)	1798	2351.90	1798	2351.90	1798	2351.90	1	0	70	Calculation
Specific Conductance, (Lab) (umhos/cm)	21200	NA	21200	NA	21200	NA	1	0	1	120.1
Turbidity (Lab) (NTU)	935	NA	935	NA	935	NA	1	0	50	180.1
CBOD (mg/L)	<1200	<1569.64	<1200	<1569.64	<1200	<1569.64	1	1	1200	SM 5210B
Boron, Dissolved (µg/L)	46000	60.170	46000	60.170	46000	60.170	1	0	200	E200.7
Cobalt, Dissolved (µg/L)	42	0.055	42	0.055	42	0.055	1	0	4	E200.7
1,2-Dibromo-3-Chloropropane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Allyl Chloride (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1
Dibromomethane (µg/L)	<1	<0.0013	<1	<0.0013	<1	<0.0013	1	1	1	624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

Effluent Analysis Results Table Pollutant Group 1-7

ANALYSIS RESULTS TABLE POLLUTANT GROUP 1

Please read instructions carefully before completing this form.

APPLICANT NAME		Republic Services of Pennsylvania, LLC								
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 1 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
BOD ₅ (mg/L)	12.00	13.31	<8.17	<8.36	<8.17	<8.36	3	2	8.0	SM 5210 B
COD (mg/L)	1,030.00	1,114.96	547.47	560.70	547.47	560.70	3	0	86.7	410.4
TOC (mg/L)	283.00	306.34	258.00	264.23	258.00	264.23	3	0	9.3	SM5310 C
TSS (mg/L)	16	25.03	9	10.27	5.48	6.08	56	0	1	SM2540D
Ammonia-Nitrogen (mg/L)	2.0	3.041	<0.686	0.963	<0.4	<0.5	112	13	0.1	ASTM D 6919-03
Temperature (Winter) (°F)	55.2	XXX	55.2	XXX	55.2	XXX	1	XXX	XXX	Meter
Temperature (Summer) (°F)	29.56	XXX	25.36	XXX	25.36	XXX	3	XXX	XXX	Meter
pH – Minimum (S.U.)	6.35	XXX	8.52	XXX	XXX	XXX	396	XXX	XXX	Meter
pH – Maximum (S.U.)	8.94	XXX	8.52	XXX	8.14	XXX	396	XXX	XXX	Meter
Fecal Coliform (No./100 mL)	4352	XXX	1217.5	XXX	<195.6	XXX	55	40	8.50	SM 9222D
Oil and Grease (mg/L)	2.80 J B	3.11 J B	2.77 J B	2.83 J B	2.77 J B	2.83 J B	3	0	5.3	1664B
TRC (mg/L)	0.75	XXX	0.13	XXX	0.09	XXX	396	0	0.02	8167
Total Phosphorus (mg/L)	4.4	5.56	2.39	2.4	<1.17	<1.4	112	1	0.11	SM 4500P-B,E
TKN (mg/L)	51	76.53	33.56	37.03	<22.60	<27.33	112	5	2.44	EPA 351.2
Nitrite + Nitrate-Nitrogen (mg/L)	580.70	994.61	446.05	556.73	288.82	362.02	112	0	1.0	EPA 300
Total Dissolved Solids (mg/L)	10,900.00	11,799.05	7,400.00	7,578.83	7,400.00	7,578.83	3	0	24.0	SM 2540C
Color (Pt-Co Units)	>700	XXX	>700	XXX	>499.29	XXX	56	0	25	SM 2120B
Bromide (mg/L)	63.70	68.95	51.80	53.05	51.80	53.05	3	0	13.3	300.0
Chloride (mg/L)	3,850	4,167.56	3,493.33	3,577.75	3,493.33	3,577.75	3	0	63.3	SM 4500 CL-E
Sulfate (mg/L)	152 B	165 B	54.73 B	56.06 B	54.73 B	56.06 B	3	0	1.5	D516-90,02
Sulfide (mg/L)	<0.1	<0.108	<0.1	<0.068	<0.1	<0.068	3	3	0.1	SM 4500 S2 F
Surfactants (mg/L)	0.32	0.29	0.25	0.26	0.25	0.26	3	0	0.04	SM 5540C
Fluoride (mg/L)	<20.0	<21.6	<13.33	<13.66	<13.33	<13.66	3	3	13.3	300.0
Total Hardness (mg/L)	500	554.62	500.00	512.08	500.00	512.08	3	0	23.3	SM 2340C

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 2

Please read instructions carefully before completing this form.

APPLICANT NAME		Republic Services of Pennsylvania, LLC								
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 2 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Aluminum, Total (µg/L)	65	0.067	<62.33	<0.064	<62.33	<0.064	3	1	60.0	200.7 Rev 4.4
Antimony, Total (µg/L)	22.4 B	0.024 B	17.97 B	0.018 B	17.97 B	0.018 B	3	0	2.0	200.8
Arsenic, Total (µg/L)	105	0.114	95.17	0.097	95.17	0.097	3	0	2.0	200.8
Barium, Total (µg/L)	118	0.128	115.67	0.118	115.67	0.118	3	0	2.0	200.7 Rev 4.4
Beryllium, Total (µg/L)	<1	<0.001	<1.00	<0.001	<1.00	<0.001	3	3	1.0	200.7 Rev 4.4
Boron, Total (µg/L)	25,000	37,646.59	20,200	22,576.64	15,692.68	18,721.46	56	0	2,135.71	EPA 200.8
Cadmium, Total (µg/L)	0.44 J	0.0005 J	0.28 J	0.0003 J	0.28 J	0.0003 J	3	0	0.4	200.8
Chromium, Total (µg/L)	144	0.156	118.67	0.122	118.67	0.122	3	0	4.0	200.7 Rev 4.4
Chromium, Hexavalent (µg/L)	<2.5	<0.003	<2.50	<0.003	<2.50	<0.003	3	3	2.5	218.6
Cobalt, Total (µg/L)	22.9	0.025	19.70	0.020	19.70	0.020	3	0	1.0	200.7 Rev 4.4
Copper, Total (µg/L)	345	542.91	345	542.91	139	135.31	18	0	18.75	EPA 200.8
Cyanide, Total (µg/L)	12.7 B	0.014 B	10.60 B	0.011 B	10.60 B	0.011 B	3	0	10.0	335.4
Iron, Total (µg/L)	1,940 B	2.1 B	1,653.3 B	1.7 B	1,653.3 B	1.7 B	3	0	20.0	200.7 Rev 4.4
Iron, Dissolved (µg/L)	1,790	1.938	1,556.7	1.59	1,556.7	1.59	3	0	50.0	200.7 Rev 4.4
Lead, Total (µg/L)	<1.00	<1.65	<1.00	<1.65	<1.00	<1.04	18	18	1	EPA 200.8
Manganese, Total (µg/L)	1,830 B	1.981 B	1,763.3 B	1.81 B	1,763.3 B	1.81 B	3	0	2.0	200.7 Rev 4.4
Mercury, Total (µg/L)	<0.2	<0.0002	<0.20	<0.0002	<0.20	<0.0002	3	3	0.2	245.1
Molybdenum, Total (µg/L)	13.2	0.014	10.47	0.011	10.5	0.011	3	0	4.0	200.7 Rev 4.4
Nickel, Total (µg/L)	143	0.155	122.33	0.125	122.3	0.125	3	0	4.0	200.7 Rev 4.4
Phenols, Total (µg/L)	<11.5 J	<0.013 J	<9.3 J	<0.010 J	<9.3 J	<0.010 J	3	1	10.0	420.4
Selenium, Total (µg/L)	10.2 J	0.011 J	5.2 J	0.005 J	5.2 J	0.005 J	3	0	2.0	200.8
Silver, Total (µg/L)	0.29 J	0.0003 J	0.20 J	0.0002 J	0.20 J	0.0002 J	3	0	0.8	200.8
Thallium, Total (µg/L)	<0.4 J	<0.0004 J	<0.29 J	<0.0003 J	<0.29 J	<0.0003 J	3	2	0.4	200.8
Zinc, Total (µg/L)	10	19.48	9	12.95	6.11	7.38	56	21	5	EPA 200.8

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 3 (PAGE 1 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME		Republic Services of Pennsylvania, LLC								
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 3 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Acrolein (µg/L)	<17	<0.0189	<17	<0.0174	<17	<0.0174	3	3	17.0	EPA 624.1
Acrylonitrile (µg/L)	<5	<0.0055	<5	<0.0051	<5	<0.0051	3	3	5.0	EPA 624.1
Benzene (µg/L)	<0.6	<0.0007	<0.6	<0.0006	<0.6	<0.0006	3	3	0.6	EPA 624.1
Bromoform (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Carbon Tetrachloride (µg/L)	<0.51	<0.0006	<0.51	<0.0005	<0.51	<0.0005	3	3	0.5	EPA 624.1
Chlorobenzene (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Chlorodibromomethane (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Chloroethane (µg/L)	<0.87	<0.0010	<0.87	<0.0009	<0.87	<0.0009	3	3	0.9	EPA 624.1
2-Chloroethylvinyl Ether (µg/L)	<5	<0.0055	<5	<0.0051	<5	<0.0051	3	3	5.0	EPA 624.1
Chloroform (µg/L)	<0.54	<0.0006	<0.54	<0.0006	<0.54	<0.0006	3	3	0.5	EPA 624.1
Dichlorobromomethane (µg/L)	<5	<0.0055	<5	<0.0051	<5	<0.0051	3	3	5.0	EPA 624.1
1,1-Dichloroethane (µg/L)	<0.59	<0.0007	<0.59	<0.0006	<0.59	<0.0006	3	3	0.6	EPA 624.1
1,2-Dichloroethane (µg/L)	<0.6	<0.0007	<0.6	<0.0006	<0.6	<0.0006	3	3	0.6	EPA 624.1
1,1-Dichloroethylene (µg/L)	<0.86	<0.0010	<0.86	<0.0009	<0.86	<0.0009	3	3	0.9	EPA 624.1
1,2 Dichloropropane (µg/L)	<0.61	<0.0007	<0.61	<0.0006	<0.61	<0.0006	3	3	0.6	EPA 624.1
1,3-Dichloropropylene (µg/L)	<2.7	<0.0030	<2.7	<0.0028	<2.7	<0.0028	3	3	2.7	EPA 624.1
1,4-Dioxane (µg/L)	<15	<0.0166	<15	<0.0154	<15	<0.0154	3	3	15.0	EPA 624.1
Ethylbenzene (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Methyl Bromide (µg/L)	<1.2	<0.0013	<1.2	<0.0012	<1.2	<0.0012	3	3	1.2	EPA 624.1
Methyl Chloride (µg/L)	9.20	0.01020	<3.49	<0.0036	<3.49	<0.0036	3	2	0.6	EPA 624.1
Methylene Chloride (µg/L)	<0.82	<0.0009	<0.82	<0.0008	<0.82	<0.0008	3	3	0.8	EPA 624.1
1,1,2,2-Tetrachloroethane (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Tetrachloroethylene (µg/L)	<500	<69.16	<500	<69.16	<31.72	<4.9	16	16	0.5	EPA 624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 3 (PAGE 2 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 3 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Toluene (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
1,2-Trans-Dichloroethylene (µg/L)	<0.59	<0.0007	<0.59	<0.0006	<0.59	<0.0006	3	3	0.6	EPA 624.1
1,1,1-Trichloroethane (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
1,1,2-Trichloroethane (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 624.1
Trichloroethylene (µg/L)	<0.6	<0.0007	<0.6	<0.0006	<0.6	<0.0006	3	3	0.6	EPA 624.1
Vinyl Chloride (µg/L)	<0.75	<0.0008	<0.75	<0.0008	<0.75	<0.0008	3	3	0.8	EPA 624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 4

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 4 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
2-Chlorophenol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1
2,4-Dichlorophenol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1
2,4-Dimethylphenol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1
4,6-Dinitro-o-Cresol (µg/L)	<100	<0.111	<100	<0.102	<100	<0.102	3	3	100	EPA 625.1
2,4-Dinitrophenol (µg/L)	<100	<0.111	<100	<0.102	<100	<0.102	3	3	100	EPA 625.1
2-Nitrophenol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1
4-Nitrophenol (µg/L)	<100	<0.111	<100	<0.102	<100	<0.102	3	3	100	EPA 625.1
P-Chloro-m-Cresol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1
Pentachlorophenol (µg/L)	<100	<0.111	<100	<0.102	<100	<0.102	3	3	100	EPA 625.1
Phenol (µg/L)	<2.12	<3.64	<2.12	<3.41	<1.88	<2.26	26	26	10	EPA 625
2,4,6-Trichlorophenol (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50	EPA 625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 1 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Acenaphthene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Acenaphthylene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Acrylamide (µg/L)	<840	<0.909	<420	<0.430	<420	<0.430	3	3	420.0	EPA 625.1
Anthracene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Benzidine (µg/L)	<500	<0.555	<500	<0.512	<500	<0.512	3	3	500.0	EPA 625.1
Benzo(a)Anthracene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Benzo(a)Pyrene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
3,4-Benzo-fluoranthene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Benzo(ghi)Perylene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Benzo(k)Fluoranthene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Bis(2-Chloro-ethoxy)Methane (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Bis(2-Chloroethyl)Ether (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Bis(2-Chloro-isopropyl)Ether (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Bis(2-Ethylhexyl)Phthalate (µg/L) [BEHP]	<10	<16.15	<7.68	<10.7	<4.66	<5.71	55	555	10	EPA 625
4-Bromophenyl Phenyl Ether (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Butyl Benzyl Phthalate (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
2-Chloronaphthalene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
4-Chlorophenyl Phenyl Ether (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Chrysene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 2 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Dibenzo(a,h)Anthracene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
1,2-Dichlorobenzene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
1,3- Dichlorobenzene (µg/L)	<6.9	<0.008	<6.9	<0.007	<6.9	<0.007	3	3	6.9	EPA 625.1
1,4- Dichlorobenzene (µg/L)	<56	<0.062	<56	<0.057	<56	<0.057	3	3	56.0	EPA 625.1
3,3'-Dichlorobenzidine (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Diethyl Phthalate (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Dimethyl Phthalate (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Di-n-Butyl Phthalate (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
2,4-Dinitrotoluene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
2,6-Dinitrotoluene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Di-n-Octyl Phthalate (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
1,2-Diphenylhydrazine (as Azobenzene) (µg/L)	<100	<0.111	<100	<0.102	<100	<0.102	3	3	100.0	EPA 625.1
Fluoranthene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Fluorene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Hexachlorobenzene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Hexechlorobutadiene (µg/L)	<10	<0.011	<10	<0.010	<10	<0.010	3	3	10.0	EPA 625.1
Hexachlorocyclopentadiene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Hexachloroethane (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 5 (PAGE 3 OF 3)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 5 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Indeno(1,2,3-cd)Pyrene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Isophorone (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Naphthalene (µg/L)	<8.6	<0.010	<8.6	<0.009	<8.6	<0.009	3	3	8.6	EPA 625.1
Nitrobenzene (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
N-Nitroso-di-methylamine (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
N-Nitroso-di-n-propylamine (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
N-Nitroso-di-n-phenylamine (µg/L)	<50	<0.055	<50	<0.051	<50	<0.051	3	3	50.0	EPA 625.1
Phenanthrene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
Pyrene (µg/L)	<25	<0.028	<25	<0.026	<25	<0.026	3	3	25.0	EPA 625.1
1,2,4-Trichlorobenzene (µg/L)	<8.2	<0.009	<8.2	<0.008	<8.2	<0.008	3	3	8.2	EPA 625.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 6 (PAGE 1 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 6 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Aldrin (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Alpha BHC (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Beta BHC (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Gamma BHC (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Delta BHC (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Chlordane (µg/L)	<5	<0.0055	<5	<0.0051	<5	<0.0051	3	3	5.0	EPA 608.3
4,4'-DDT (µg/L)	<0.5	<0.0004 J	<0.32 J	<0.0003 J	<0.32 J	<0.0003 J	3	1	0.5	EPA 608.3
4,4'-DDE (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
4,4'-DDD (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Dieldrin (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Alpha- Endosulfan (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Beta-Endosulfan (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Endosulfan Sulfate (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Endrin (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Endrin Aldehyde (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Heptachlor (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
Heptachlor Epoxide (µg/L)	<0.5	<0.0006	<0.5	<0.0005	<0.5	<0.0005	3	3	0.5	EPA 608.3
PCB -1242 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
PCB -1254 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 6 (PAGE 2 OF 2)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 6 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
PCB-1221 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
PCB-1232 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
PCB-1248 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
PCB-1260 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
PCB-1016 (µg/L)	<0.2	<0.0002	<0.15	<0.0002	<0.15	<0.0002	3	3	0.2	EPA 608.3
Toxaphene (µg/L)	<5	<0.0055	<5	<0.0051	<5	<0.0051	3	3	5.0	EPA 608.3

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE POLLUTANT GROUP 7

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
POLLUTANT GROUP 7 PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Gross Alpha (pCi/L)	NA	XXX	NA	XXX	NA	NA	NA	NA	NA	NA
Beta, Total (pCi/L)	NA	XXX	NA	XXX	NA	NA	NA	NA	NA	NA
Radium 226/228, Total (pCi/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Strontium, Total (µg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Uranium, Total (µg/L)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Osmotic Pressure (mOsm/kg)	313.00	XXX	300.50	XXX	192.28	XXX	29	0.00	10	391-2000-008
Additional Parameters										
m,p-Xylene (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
MTBE (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
O-Xylene, (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Trans-1,3-dichloropropene (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Nickel Dissolved (µg/L)	150	0.162	123.33	0.126	123.33	0.126	3	0	10.0	200.7 Rev 4.4
Aniline (µg/L)	<100	<0.11	<100	<0.102	<100.00	<0.102	3	3	100.0	625.1
Pyridine (µg/L)	<250	<0.28	<250	<0.256	<250.0	<0.256	3	3	250.0	625.1
1,1,1,2-Tetrachloroethane (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Dissolved Oxygen (mg/L)	Min: 5.81	XXX	8.51	XXX	8.15	XXX	396	0	NA	Meter
2,4-D (µg/L)	<5.0	<0.006	<5.0	<0.01	<5.00	<0.01	3	3	5.0	8151A
3-Chloroprene [Allyl-Chloride] (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Tritium pCi/L	53,600	XXX	46,133	XXX	46,133	NA	3	0	500.0	906.0

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

Effluent Analysis Results Table Additional Parameters

ANALYSIS RESULTS TABLE

ADDITIONAL PARAMETERS (PAGE 1 OF 4)

Please read instructions carefully before completing this form.

APPLICANT NAME	Republic Services of Pennsylvania, LLC									
<input checked="" type="checkbox"/> Outfall / IMP Number 001 (Show location of sampling point on Line Drawing) <input type="checkbox"/> Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing) <input type="checkbox"/> Intake Sampling Results (Specify Source: _____) <input type="checkbox"/> Background (Upstream) Sampling Results (Specify Location: _____) <input type="checkbox"/> New Discharge (Basis for Information: _____)										
ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non- Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
1,2,3 Trichloropropane (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	624.1
4-Methyl-2-pentanone (µg/L)	<5	<0.006	<5	<0.005	<5	<0.005	3	3	5.0	624.1
Acetone (µg/L)	<5	<0.005	<4.93 J	<0.005 J	<4.93 J	<0.005 J	3	2	5.0	624.1
Total Alkalinity (mg/L)	187	207	151.67	155.332	151.67	155.332	3	0	46.7	310.2
Xylenes -Total (µg/L)	<2.0	<0.002	<2.0	<0.00	<2.00	<0.00	3	3	2.0	EPA 624.1
1-Propanol (mg/L)	<5	<5.546	<5	<4.761	<5	<4.761	3	3	5.0	8015D
2-Butanone (µg/L)	<5	<0.006	<5	<0.005	<5	<0.005	3	3	5.0	EPA 624.1
2-Hexanone (µg/L)	<5	<0.006	<5	<0.005	<5	<0.005	3	3	5.0	EPA 624.1
1,2-Dibromoethane (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
cis-1,2-Dichloroethene (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
cis-1,3-Dichloropropene (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
Dichlorodifluoromethane (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
Trichlorofluoromethane (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
2-Propanol (mg/L)	<5	<5.546	<5	<4.761	<5	<4.761	3	3	5.0	8015D
A-Terpineol (mg/L)	<0.005	<0.009	<0.0052	<0.0062	<0.0028	<0.0034	39	39	0.0082	EPA 625
Benzoic Acid (mg/L)	<0.035	<0.047	<0.031	<0.042	<0.013	<0.016	28	28	0.0439	EPA 625
Dibromomethane (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Color (instream) (CU)	80	XXX	41.25	XXX	22.60	XXX	56	0	25	SM 2120B
Color (downstream) (CU)	250	XXX	156.25	XXX	90.31	XXX	56	0	25	SM 2120B

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE

ADDITIONAL PARAMETERS (PAGE 2 OF 4)

Please read instructions carefully before completing this form.

APPLICANT NAME Republic Services of Pennsylvania, LLC

- Outfall / IMP Number 001** (Show location of sampling point on Line Drawing)
- Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
- Intake Sampling Results (Specify Source: _____)
- Background (Upstream) Sampling Results (Specify Location: _____)
- New Discharge (Basis for Information: _____)

ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
p-Cresol (mg/L)	<0.004	<0.006	<0.004	<0.005	<0.0022	<0.0027	39	39	0.0083	EPA 625
Tetrahydrofuran (µg/L)	<2	<0.002	<2	<0.002	<2	<0.002	3	3	2.0	EPA 624.1
Carbon Disulfide (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
Methyl iodide (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
Styrene (µg/L)	<1	<0.001	<1	<0.001	<1	<0.001	3	3	1.0	EPA 624.1
Cyanide, Free (µg/L)	17.10	0.017	<14.80 B	<0.015 B	<14.80 B	<0.015 B	3	0	5.0	9016
Sulfite (as SO3) (mg/L)	<2.0	<2.218	<2.0	<2.048	<2.0	<2.048	3	3	2.0	SM 4500-SO3 B
Tin, Total (µg/L)	<10.0	<0.01	<10.0	<0.01	<10.0	<0.01	3	3	10.0	200.7 Rev 4.4
Titanium, Total (µg/L)	16	0.02	12.67	0.01	12.67	0.01	3	0	5.0	200.7 Rev 4.4
Calcium, Total (µg/L)	44800	49.69	42166.67 B	43.19 B	42166.67 B	43.19 B	3	0	500.0	200.7 Rev 4.4
Potassium, Total (µg/L)	596000 B	645 B	516000 B	528.47 B	516000 B	528.47 B	3	0	2000.0	200.7 Rev 4.4
Sodium, Total (µg/L)	3060000 B	3312 B	2816666.67 B	2884.73 B	2816666.67 B	2884.73 B	3	0	8333.3	200.7 Rev 4.4
Vanadium, Total (µg/L)	18	0.02	16.67	0.02	16.67	0.02	3	0	5.0	200.7 Rev 4.4
Barium, Dissolved (µg/L)	120	0.13	115.33	0.12	115.33	0.12	3	0	2.0	200.7 Rev 4.4
Cadmium, Dissolved (µg/L)	<2.0	<0.002	<2.0	<0.002	<2.0	<0.002	3	3	2.0	200.7 Rev 4.4
Calcium, Dissolved (µg/L)	45400	50.36	43133.33	44.18	43133.33	44.18	3	0	500.0	200.7 Rev 4.4
Chromium, Dissolved (µg/L)	147	0.16	119	0.12	119	0.12	3	0	4.0	200.7 Rev 4.4
Copper, Dissolved (µg/L)	4.8 J	0.005	4.43 J	0.005J	4.43 J	0.005J	3	0	10.0	200.7 Rev 4.4
Lead, Dissolved (µg/L)	<10.0	<0.01	<10.0	<0.01	<10.0	<0.01	3	3	10.0	200.7 Rev 4.4
Magnesium Dissolved (ug/L)	96100	104	85966.67	88.04	85966.67	88.04	3	0	200.0	200.7 Rev 4.4

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

ANALYSIS RESULTS TABLE
ADDITIONAL PARAMETERS (PAGE 3 OF 4)

Please read instructions carefully before completing this form.

APPLICANT NAME: Republic Services of Pennsylvania, LLC

- Outfall / IMP Number 001** (Show location of sampling point on Line Drawing)
 Treatment Facility Influent Sampling Results (Show location of sampling point on Line Drawing)
 Intake Sampling Results (Specify Source: _____)
 Background (Upstream) Sampling Results (Specify Location: _____)
 New Discharge (Basis for Information: _____)

ADDITIONAL PARAMETERS	CONCENTRATION / MASS PRESENT						No. Analyses	No. "Non-Detect" Results	QL Used	Method Used
	Min/Max Daily Value		Max Avg Monthly Value		Long-Term Avg Value					
	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)	Conc	Mass (lbs/day)				
Manganese, Dissolved (µg/L)	1850	2	1773.33 B	1.82 B	1773.33 B	1.82 B	3	0	3.0	200.7 Rev 4.4
Potassium, Dissolved (µg/L)	530000 B	573.72 B	498000 B	510.03 B	498000 B	510.03 B	3	0	500.0	200.7 Rev 4.4
Selenium, Dissolved (µg/L)	<25.0	<0.028	<25.0	<0.026	<25.0	<0.026	3	3	25.0	200.7 Rev 4.4
Silver Dissolved (µg/L)	<6.0	<0.007	<6.0	<0.006	<6.0	<0.006	3	3	6.0	200.7 Rev 4.4
Sodium Dissolved (µg/L)	3460000 B	3745.39 B	2903333.3 B	2973.49 B	2903333.33 B	2973.49 B	3	0	5000.0	200.7 Rev 4.4
Zinc, Dissolved (µg/L)	20.3	0.023	17.2	0.018	17.2	0.018	3	0	10.0	200.7 Rev 4.4
Magnesium (µg/L)	91200 B	98.72 B	83200 B	85.21 B	83200 B	85.21 B	3	0	200.0	200.7 Rev 4.4
Arsenic Dissolved (µg/L)	113	0.122	102.97	0.105	102.97	0.105	3	0	15.0	200.7 Rev 4.4
Mercury, Dissolved (µg/L)	<0.2	<0.0002	<0.2	<0.0002	<0.2	<0.0002	3	3	0.2	245.1
Bicarbonate Alkalinity as CaCO ₃ (mg/L)	187	207.4	151.67	155.332	151.67	155.332	3	0	46.7	310.2
Total Nitrogen (mg/L)	586	1009.8	458.17	577.04	<310.78	<388.49	112	5	18.20	CALC
Specific Conductance, (Lab) (umhos/cm)	12600	XXX	11233	XXX	11233	XXX	3	0	1.0	120.1
Turbidity (Lab) (NTU)	<12.3	XXX	<4.82	XXX	<4.82	XXX	3	1	1.0	120.1
CBOD (mg/L)	4	6.58	<3.3	<4.54	<2.93	<3.44	56	34	2.88	SM 5210B
Boron, Dissolved (µg/L)	23900	25.87	19466.67	19.94	19466.67	19.94	3	0	80.0	200.7 Rev 4.4
Cobalt, Dissolved (µg/L)	24	0.026	20	0.020	20.00	0.020	3	0	4.0	200.7 Rev 4.4
1,2-Dibromo-3-Chloropropane (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1
Allyl Chloride (µg/L)	<1.0	<0.001	<1.0	<0.001	<1.00	<0.001	3	3	1.0	EPA 624.1

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
(B) Indicates compound was found in the blank and sample.
(b) Indicates result detected in the Unseeded Control blank (USB).

Module 1 Stormwater Sampling Results

STORMWATER SAMPLING RESULTS

Complete the following tables for each stormwater outfall sampled for analysis.

OUTFALL NO.:	002
---------------------	-----

1. You must provide the results of at least one analysis for every pollutant identified in the table below.

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Oil and Grease (mg/L)	3.6 J B	XXX	3.6 J B	XXX	1	5.3
BOD5 (mg/L)	< 3.35	XXX	4.7	XXX	2	2
COD (mg/L)	46.9	XXX	46.9	XXX	1	10
TSS (mg/L)	< 13.2	XXX	22.4	XXX	2	4
Total Nitrogen (mg/L)	2.12	XXX	3.3	XXX	2	0.2
Total Phosphorus (mg/L)	0.36 B	XXX	0.36 B	XXX	1	0.01
pH (S.U.)	Min: 7.45	Max: 7.45	Min: 7.3	Max: 7.6	2	XXX

2. List all pollutants contained within an Effluent Limitation Guideline (ELG) that is applicable to the facility's production. Also list all pollutants listed in the facility's existing NPDES permit for the outfall identified above; process wastewater discharges; and any other pollutants that are considered the cause of impairment to waters receiving stormwater discharges from the outfall. Provide the results of at least one analysis for every pollutant listed. Specify the units with your results (e.g., mg/L).

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Ammonia (mg/L)	< 0.125	XXX	0.15	XXX	2	0.1
Arsenic (mg/L)	< 0.015	XXX	< 0.015	XXX	1	0.015
Chromium (mg/L)	0.0013 J	XXX	0.0013 J	XXX	1	0.004
Zinc (mg/L)	0.0675	XXX	0.094	XXX	2	0.01
Alpha Terpineol (µg/L)	< 0.89	XXX	< 0.89	XXX	1	0.89
Aniline (µg/L)	< 10	XXX	< 10	XXX	1	10
Benzoic Acid (µg/L)	< 0.87	XXX	< 0.87	XXX	1	0.87
Naphthalene (µg/L)	< 5	XXX	< 5	XXX	1	5
p-Cresol (µg/L)	< 0.79	XXX	< 0.79	XXX	1	0.79
Phenol (µg/L)	< 5	XXX	< 5	XXX	1	5
Pyridine (µg/L)	< 25	XXX	< 25	XXX	1	25

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

OUTFALL NO.:	002
---------------------	-----

3. List all pollutants contained in Pollutant Groups 1 through 7, as identified in the Analysis Results Tables of the industrial wastewater application (3800-PM-BCW0008b), which are not identified in questions 1 or 2 of the Stormwater Sampling Results section, but the applicant knows or has reason to believe are present in the stormwater discharge.

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Hexavalent Chromium (µg/L)	< 5	XXX	< 5	XXX	2	5
Total Dissolved Solids (mg/L)	98.5	XXX	106	XXX	2	10
Antimony, Total (µg/L)	1.27 J	XXX	1.9	XXX	2	1
Boron, Total (mg/L)	0.052	XXX	0.076	XXX	2	0.02
Copper, Total (mg/L)	0.00275J	XXX	0.0034 J	XXX	2	0.01
Iron, Total (mg/L)	2.705	XXX	4.8	XXX	2	0.05
Lead, Total (µg/L)	1.74 J	XXX	2.7	XXX	2	1
Magnesium, Total (mg/L)	2.9	XXX	3.4	XXX	2	0.2
Nickel, Total (mg/L)	< 0.00565 J	XXX	< 0.01	XXX	2	0.01

4. Provide the information requested below for the storm event(s) that resulted in the maximum values reported in questions 1, 2 and 3 for the flow-weighted composite sample.

Storm Event Date	Duration of Storm Event (Min)	Total Rainfall During Storm Event (In)	No. Hours Since End of Previous Measurable Storm Event	Maximum Flow Rate During Storm Event (GPM)	Volume of Stormwater at Outfall from Storm Event
2/11/2020	8,640	1.53	240	NA	NA
6/11/2021	5,760	1.81	120	NA	NA

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

STORMWATER SAMPLING RESULTS

Complete the following tables for each stormwater outfall sampled for analysis.

OUTFALL NO.:	005
---------------------	-----

5. You must provide the results of at least one analysis for every pollutant identified in the table below.

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Oil and Grease (mg/L)	2.3 J B	XXX	2.3 J B	XXX	1	5.3
BOD5 (mg/L)	<5.08 b	XXX	6.8	XXX	5	3.6
COD (mg/L)	78.6	XXX	78.6	XXX	1	10
TSS (mg/L)	52.4	XXX	72.4	XXX	5	4
Total Nitrogen (mg/L)	14.54	XXX	24.5	XXX	5	0.2
Total Phosphorus (mg/L)	0.13 B	XXX	0.13 B	XXX	1	0.01
pH (S.U.)	Min: 7.43	Max: 7.43	Min: 7.0	Max: 7.8	4	XXX

6. List all pollutants contained within an Effluent Limitation Guideline (ELG) that is applicable to the facility's production. Also list all pollutants listed in the facility's existing NPDES permit for the outfall identified above; process wastewater discharges; and any other pollutants that are considered the cause of impairment to waters receiving stormwater discharges from the outfall. Provide the results of at least one analysis for every pollutant listed. Specify the units with your results (e.g., mg/L).

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Ammonia (mg/L)	12.786B	XXX	38.5	XXX	5	1.02
Arsenic (mg/L)	<0.015	XXX	<0.015	XXX	1	0.015
Chromium (mg/L)	0.0037 J	XXX	0.0037 J	XXX	1	0.004
Zinc (mg/L)	0.0452 B	XXX	0.069	XXX	5	0.01
Alpha Terpineol (µg/L)	<0.89	XXX	<0.89	XXX	1	0.89
Aniline (µg/L)	<10	XXX	<10	XXX	1	10
Benzoic Acid (µg/L)	<0.88	XXX	<0.88	XXX	1	0.88
Naphthalene (µg/L)	<5	XXX	<5	XXX	1	5
p-Cresol (µg/L)	<0.79	XXX	<0.79	XXX	1	0.79
Phenol (µg/L)	<5	XXX	<5	XXX	1	5
Pyridine (µg/L)	<25	XXX	<25	XXX	1	25

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

OUTFALL NO.:	005
---------------------	-----

7. List all pollutants contained in Pollutant Groups 1 through 7, as identified in the Analysis Results Tables of the industrial wastewater application (3800-PM-BCW0008b), which are not identified in questions 1 or 2 of the Stormwater Sampling Results section, but the applicant knows or has reason to believe are present in the stormwater discharge.

Pollutant	Average Concentration		Maximum Concentration		No. Storm Events Sampled	Quantitation Limit
	Grab Sample	Flow-Weighted Composite Sample	Grab Sample	Flow-Weighted Composite Sample		
Hexavalent Chromium (µg/L)	<5	XXX	<5	XXX	5	5
Total Dissolved Solids (mg/L)	880	XXX	1140	XXX	5	10
Antimony, Total (µg/L)	4.22	XXX	7.5	XXX	5	1
Boron, Total (mg/L)	1.28B	XXX	1.7	XXX	5	0.02
Copper, Total (mg/L)	0.02238 J	XXX	0.036	XXX	5	0.01
Iron, Total (mg/L)	3.56 B	XXX	5.2	XXX	5	0.05
Lead, Total (µg/L)	9.16	XXX	14.5	XXX	5	1
Magnesium, Total (mg/L)	22.42	XXX	30.4	XXX	5	0.2
Nickel, Total (mg/L)	0.0236	XXX	0.028	XXX	5	0.01

8. Provide the information requested below for the storm event(s) that resulted in the maximum values reported in questions 1, 2 and 3 for the flow-weighted composite sample.

Storm Event Date	Duration of Storm Event (Min)	Total Rainfall During Storm Event (In)	No. Hours Since End of Previous Measurable Storm Event	Maximum Flow Rate During Storm Event (GPM)	Volume of Stormwater at Outfall from Storm Event
11/7/2019	480	0.25	168	NA	NA
4/30/2020	780	1.09	72	NA	NA
8/4/2020	1,440	1.85	72	NA	NA
4/30/2021	2,880	0.19	72	NA	NA
6/4/2021	1,440	0.82	120	NA	NA

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

Module 2 Groundwater Remediation Systems Sample Results

SAMPLE RESULTS (PAGE 1 OF 4)

Outfall No.:	001	<input type="checkbox"/> Treated Groundwater			<input checked="" type="checkbox"/> Untreated Groundwater	
Parameter	Believed Absent	Avg (mg/L)	Max (mg/L)	No. Samples	No. Detected	Quantitation Limit (mg/l)
Benzene	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Toluene	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Ethylbenzene	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Total Xylenes	<input type="checkbox"/>	<0.002	<0.002	1	1	0.002
Mtbe	<input checked="" type="checkbox"/>					
Oil And Grease	<input checked="" type="checkbox"/>					
Dissolved Iron	<input type="checkbox"/>	0.59	0.59	1	0	0.050
Dissolved Lead	<input type="checkbox"/>	<0.01	<0.01	1	1	0.010
Dissolved Mercury	<input type="checkbox"/>	<0.0002	<0.0002	1	1	0.0002
Trichloroethylene	<input type="checkbox"/>	0.0015	0.0015	1	0	0.001
Tetrachloroethylene	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Vinyl Chloride	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Naphthalene	<input checked="" type="checkbox"/>					
Benzo(A)Anthracene	<input checked="" type="checkbox"/>					
Benzo(B)Fluoranthene	<input checked="" type="checkbox"/>					
Benzo(A)Pyrene	<input checked="" type="checkbox"/>					
Benzo(G,H,I)Perylene	<input checked="" type="checkbox"/>					
Indeno(1,2,3-Cd)Pyrene	<input checked="" type="checkbox"/>					
Pyrene	<input checked="" type="checkbox"/>					
Cumene	<input checked="" type="checkbox"/>					
Phenanthrene	<input checked="" type="checkbox"/>					
Chrysene	<input checked="" type="checkbox"/>					
Ph (S.U.)	<input type="checkbox"/>	6.88	6.88	6.88	1	NA
Total Suspended Solids	<input checked="" type="checkbox"/>					
Other: COD (Mg/L)	<input type="checkbox"/>	24.7	24.7	1	0	10.0
Other: TOC (Mg/L)	<input type="checkbox"/>	3.1	3.1	1	0	1.0
Other: Ammonia-Nitrogen (Mg/L)	<input type="checkbox"/>	0.17	0.17	1	0	0.1
Other: Temperature (Summer) (°F)	<input type="checkbox"/>	73.76	73.76	1	0	NA
Other: Nitrite + Nitrate-Nitrogen (Mg/L)	<input type="checkbox"/>	3.6	3.6	1	0	0.1
Other: Chloride (Mg/L)	<input type="checkbox"/>	128	128	1	0	2.5
Other: Sulfate (Mg/L)	<input type="checkbox"/>	27.9	27.9	1	0	5.0
Other: Fluoride (Mg/L)	<input type="checkbox"/>	0.041 J	0.041 J	1	0	0.4
Other: Arsenic, Total (Mg/L)	<input type="checkbox"/>	<0.015	<0.015	1	1	0.015
Other: Barium, Total (Mg/L)	<input type="checkbox"/>	0.207	0.207	1	0	0.002
Other: Cadmium, Total (Mg/L)	<input type="checkbox"/>	<0.002	<0.002	1	1	0.002
Other: Chromium, Total (Mg/L)	<input type="checkbox"/>	<0.004	<0.004	1	1	0.004
Other: Copper, Total (Mg/L)	<input type="checkbox"/>	0.0031 J	0.0031 J	1	0	0.010
Other: Iron, Total (Mg/L)	<input type="checkbox"/>	2.36	2.36	1	0	0.050

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

SAMPLE RESULTS (PAGE 2 OF 4)

Outfall No.:	001	<input type="checkbox"/> Treated Groundwater			<input checked="" type="checkbox"/> Untreated Groundwater		
Parameter	Believed Absent	Avg (mg/L)	Max (mg/L)	No. Samples	No. Detected	Quantitation Limit (mg/l)	
Other: Lead, Total (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Manganese, Total (Mg/L)	<input type="checkbox"/>	2.9	2.9	1	0	0.003	
Other: Mercury, Total (Mg/L)	<input type="checkbox"/>	<0.0002	<0.0002	1	1	0.0002	
Other: Phenols, Total (Mg/L)	<input type="checkbox"/>	<0.01	<0.01	1	1	0.010	
Other: Selenium, Total (Mg/L)	<input type="checkbox"/>	<0.025	<0.025	1	1	0.025	
Other: Silver, Total (Mg/L)	<input type="checkbox"/>	<0.006	<0.006	1	1	0.006	
Other: Zinc, Total (Mg/L)	<input type="checkbox"/>	0.0086 J	0.0086 J	1	0	0.010	
Other: Bromoform (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Carbon Tetrachloride (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Chlorobenzene (Mg/L)	<input type="checkbox"/>	0.00089 J	0.00089 J	1	1	0.001	
Other: Chlorodibromomethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	0	0.001	
Other: Chloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 2-Chloroethylvinyl Ether (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Chloroform (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Dichlorobromomethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,1-Dichloroethane (Mg/L)	<input type="checkbox"/>	0.00085 J	0.00085 J	1	1	0.001	
Other: 1,2-Dichloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	0	0.001	
Other: 1,1-Dichloroethylene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,2 Dichloropropane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,3-Dichloropropylene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Methyl Bromide (Mg/L) (Bromomethane)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Methyl Chloride (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Methylene Chloride (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,1,2,2-Tetrachloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,2-Trans-Dichloroethylene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,1,1- Trichloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,1,2-Trichloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,2-Dichlorobenzene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,3- Dichlorobenzene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 1,4- Dichlorobenzene (Mg/L)	<input type="checkbox"/>	0.0016	0.0016	1	0	0.001	

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).

SAMPLE RESULTS (PAGE 3 OF 4)

Outfall No.:	001	<input type="checkbox"/> Treated Groundwater			<input checked="" type="checkbox"/> Untreated Groundwater		
Parameter	Believed Absent	Avg (mg/L)	Max (mg/L)	No. Samples	No. Detected	Quantitation Limit (mg/l)	
Other: 1,2,3 Trichloropropane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: 4-Methyl-2-Pentanone (Methyl Isobutyl Ketone) (Mg/L)	<input type="checkbox"/>	<0.005	<0.005	1	1	0.005	
Other: Total Alkalinity (Mg/L)	<input type="checkbox"/>	130	130	1	0	50	
Other: Methyl Ethyl Ketone (Mek; 2-Butanone) (l)	<input type="checkbox"/>	<0.005	<0.005	1	1	0.005	
Other: 1,2-Dibromoethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Cis 1,2-Dichloroethene (Mg/L)	<input type="checkbox"/>	0.0044	0.0044	1	0	0.001	
Other: Cis 1,3-Dichloropropene (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Dichlorodifluoromethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Trichlorofluoromethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001	
Other: Calcium, Total (Mg/L)	<input type="checkbox"/>	57.9	57.9	1	0	0.5	
Other: Potassium, Total (Mg/L)	<input type="checkbox"/>	7.4	7.4	1	0	0.5	
Other: Sodium, Total (Mg/L)	<input type="checkbox"/>	42.6	42.6	1	0	1.0	
Other: Barium, Dissolved (Mg/L)	<input type="checkbox"/>	0.208	0.208	1	0	0.002	
Other: Cadmium, Dissolved (Mg/L)	<input type="checkbox"/>	<0.002	<0.002	1	1	0.002	
Other: Calcium, Dissolved (Mg/L)	<input type="checkbox"/>	60.7	60.7	1	0	0.500	
Other: Chromium, Dissolved (Mg/L)	<input type="checkbox"/>	<0.004	<0.004	1	1	0.004	
Other: Copper, Dissolved (Mg/L)	<input type="checkbox"/>	0.0017 J	0.0017 J	1	0	0.010	
Other: Magnesium, Dissolved (Mg/L)	<input type="checkbox"/>	19.4	19.4	1	0	0.2	
Other: Manganese, Dissolved (Mg/L)	<input type="checkbox"/>	3.08	3.08	1	0	0.003	
Other: Potassium, Dissolved (Mg/L)	<input type="checkbox"/>	4.7	4.7	1	0	0.5	
Other: Selenium, Dissolved (Mg/L)	<input type="checkbox"/>	<0.025	<0.025	1	1	0.025	
Other: Silver, Dissolved (Mg/L)	<input type="checkbox"/>	<0.006	<0.006	1	1	0.006	
Other: Sodium, Dissolved (Mg/L)	<input type="checkbox"/>	47.2	47.2	1	0	1.0	
Other: Zinc, Dissolved (Mg/L)	<input type="checkbox"/>	0.0079 J	0.0079 J	1	0	0.010	
Other: Magnesium, Total (Mg/L)	<input type="checkbox"/>	17.8	17.8	1	0	0.200	
Other: Arsenic, Dissolved (Mg/L)	<input type="checkbox"/>	<0.015	<0.015	1	1	0.015	
Other: Mercury, Dissolved (Mg/L)	<input type="checkbox"/>	<0.0002	<0.0002	1	1	0.0002	
Other: Bicarbonate Alkalinity As Caco3 (Mg/L)	<input type="checkbox"/>	130	130	1	0	4.0	

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.
 (B) Indicates compound was found in the blank and sample.
 (b) Indicates result detected in the Unseeded Control blank (USB).

SAMPLE RESULTS (PAGE 4 OF 4)

Outfall No.:	001	<input type="checkbox"/> Treated Groundwater			<input checked="" type="checkbox"/> Untreated Groundwater	
Parameter	Believed Absent	Avg (mg/L)	Max (mg/L)	No. Samples	No. Detected	Quantitation Limit (mg/l)
Other: Specific Conductance, Laboratory (Umhos/Cm)	<input type="checkbox"/>	736	736	1	0	1.0
Other: Turbidity (Ntu)	<input type="checkbox"/>	15.9	15.9	1	0	1.0
Other: 1,1,1,2-Tetrachloroethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Other: Total Xylene (Mg/L)	<input type="checkbox"/>	<0.002	<0.002	1	1	0.002
Other: Dissolved Oxygen (Mg/L)	<input type="checkbox"/>	7.41	7.41	1	0	
Other: 1,3 Dichloropropene (Total) (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Other: Allyl Chloride (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001
Other: Trichlorofluoromethane (Mg/L)	<input type="checkbox"/>	<0.001	<0.001	1	1	0.001

(J) Indicates result is less than the RL but greater than or equal to the MDL, and the concentration is an approximate value.

(B) Indicates compound was found in the blank and sample.

(b) Indicates result detected in the Unseeded Control blank (USB).