NBK - EAP Sampling Results 2021

Installation:	PCDB #:	Description of Sample Result Locations	Water body of Drainage	Freshwater or Saltwater	Sample Date	Sample Collection Time	Sampler	Analysis By:
NBK Bangor	165	01 & 03 - Outfall 01 (OF-01)	Clear Creek & Hood Canal	Freshwater & Saltwater	19-Sep-21	11:00	Taylor/Jeremy/Brandon/Chris	Jared Starkey
		02 & 04 - Outfall 02 (OF-02)	Clear Creek & Hood Canal	Freshwater & Saltwater	19-Sep-21	12:00	Taylor/Jeremy/Brandon/Chris	Jared Starkey
Camp McKean	157	01 & 02 - CMP 01, In tree line catching North parking lot	Kitsap Lake	Freshwater	27-Sep-21	Pace: 11:30 Spectra: 11:30	Taylor	Pace: Jared Starkey Spectra: Kecia Whitehall
Camp Wesley Harris	158	01 & 02 - CWH, Swamp culvert near the road	Wildcat Lake	Freshwater	13-Aug-21	Pace: 08:30 Spectra: 08:30	Taylor	Pace: Jared Starkey Spectra: Kecia Whitehall
NBK Jackson Park	163	01 - Outfall North (OFN)	Ostrich Bay	Saltwater	17-Sep-21	12:50	Taylor/Brandon	Jared Starkey
		02 - Outfall South (OFS)	Ostrich Bay	Saltwater	17-Sep-21	13:10	Taylor/Brandon	Jared Starkey
		03 & 04 - Helo Pad, outfall near Helo pad	Ostrich Bay	Saltwater	19-Sep-21	Pace: 13:06 Spectra: 12:50	Nicole/Matt	Pace: Jared Starkey Spectra:Angela Kaelin
NBK Keyport	164	01, 03, & 05 - Outfall 03 -717	Liberty Bay	Saltwater	26-Sep-21	Pace: 15:16 Spectra: 15:16	Taylor/Nicole	Pace: Jared Starkey Spectra:Angela Kaelin
		02, 04, & 06 - Outfall 01 -741	Liberty Bay	Saltwater	26-Sep-21	Pace: 15:40 Spectra: 15:40	Taylor/Nicole	Pace: Jared Starkey Spectra:Angela Kaelin

NBK Bangor (PCDB -165)	
Sample Received Date (Pace):	22-Sep-21
Analytical Report Date (Pace):	11-Oct-21
Sample Received Date (Spectra):	21-Sep-21
Analytical Report Date (Spectra):	1-Nov-21

Qualifier Descriptions:	
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
T8	Sample(s) received past/too close to holding time expiration.
U	Below Detectable Limits: Indicates that the analyte was not detected.

Satisfy Requirements	Human Health
Possible Elevated Levels	SW - Organisms Only (O)
Pollutant of Concern	FW - Water and Organisms (WO)

Analyte	Result	Units	Qualifier	Batch #	Analysis Date	Analysis Time	Results Comments	Benchmark Value	Source	Benchmark Comparison Comments	EPA Method
Pace Sample Result - 01: Outfall 01											
Hardness (calculated) as $CaCO_3$	88100	ug/l		WG1744980	9/25/2021	15:12					Calculated Result
Suspended Solids	4000	ug/l		WG1745734	9/24/2021	6:41		100,000	MSGP		2540 D-2011
Oil & Grease (Hexane Extr)	1760	ug/l	J	WG1745047	9/23/2021	15:45	Estimate.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH Oil & Grease	1760	ug/l	J	WG1745564	9/23/2021	23:29	Total Oil&Grease is non-detect. Extract was not processed through silica gel. Estimate	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Nitrate	341	ug/l	T8	WG1749207	9/30/2021	15:55	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Nitrite	< 50	ug/l	T8 U	WG1749207	9/30/2021	15:55	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Kjeldahl Nitrogen, TKN	< 150	ug/l	U	WG1748045	9/29/2021	23:54		3,000	ICID		351.2
Kjeldahl Nitrogen, TKN	< 150	ug/l	U	WG1751414	10/5/2021	19:23		3,000	ICID		351.2
Phosphorus, Total	42.6	ug/l	J	WG1748949	9/30/2021	0:12	Estimate.	2,000	MSGP		365.4
COD	< 15000	ug/l	U	WG1747216	9/28/2021	0:18		120,000	MSGP		410.4
Mercury	< 0.1	ug/l	U	WG1745002	9/29/2021	10:54		FW-1.4;SW-1.8	MSGP		245.1
Antimony	< 0.5	ug/l	U	WG1744980	9/25/2021	15:12		100	MSGP		200.8
Arsenic	0.973	ug/l	J	WG1744980	9/25/2021	15:12	Estimate.	FW-150; SW-69	MSGP		200.8
Beryllium	< 0.5	ug/l	U	WG1744980	9/25/2021	15:12		130	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1744980	9/25/2021	15:12		FW-1.8; SW-33	MSGP		200.8
Calcium	15900	ug/l		WG1744980	9/25/2021	15:12					200.8
Copper	< 1	ug/l	U	WG1744980	9/25/2021	15:12		FW-5.19; SW-4.8	MSGP		200.8
Copper,Dissolved	< 1	ug/l	U	WG1744916	9/24/2021	18:40		SW-4.8	WAC	Acute value. SW - 3.1 (chronic value). No value for freshwater.	200.8
Lead	< 0.5	ug/l	U	WG1744980	9/25/2021	15:12		FW-82;SW-210	MSGP		200.8
Magnesium	11800	ug/l		WG1744980	9/25/2021	15:12		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Manganese	25.3	ug/l		WG1744980	9/25/2021	15:12					200.8
Zinc	12.5	ug/l	U	WG1744980	9/25/2021	15:12		FW-120; SW-90	MSGP		200.8
Zinc,Dissolved	12.5	ug/l	U	WG1744916	9/24/2021	18:40		SW - 90	WAC	Acute value. SW - 81 (chronic value). No value for freshwater.	200.8
Gasoline Range Organics - NWTPH	50.00	ug/l	U	WG1747762	9/30/2021	4:04					NWTPHGX
(S) a,a,a - Trifluorotoulene (FID)	93.9	ug/l		WG1747762	9/30/2021	4:04	Estimate.				NWTPHGX
Benzene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:10		FW-0.44; SW-1.6	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
1,2 - Dibromoethan	< 0.5	ug/l	U	WG1749154	10/1/2021	17:10					Pesticides 8260D
1,2 - Dichloroethane	< 0.5	ug/l	U	WG1749154	10/1/2021	17:10		FW-9.3; SW-120		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
1,1 - Dichloroethene	< 0.5	ug/l	U	WG1750639	10/3/2021	19:55		No Benchmark	WAC		Pesticides 8260D
Ethylbenzene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:10		FW-200; SW-270	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Toluene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:10		FW-180; SW-410	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Xylenes, Total	1.50	ug/l	U	WG1749154	10/1/2021	17:10					Pesticides 8260D
(S) Toluene-d8	109	ug/l		WG1749154	10/1/2021	17:10	Estimate.				Pesticides 8260D
(S) Toluene-d8	107	ug/l		WG1750639	10/3/2021	19:55	Estimate.				Pesticides 8260D
(S) 4-Bromofluorobenzene	106	ug/l		WG1749154	10/1/2021	17:10	Estimate.				Pesticides 8260D
(S) 4-Bromofluorobenzene	90.3	ug/l		WG1750639	10/3/2021	19:55	Estimate.				Pesticides 8260D
(S) 1,2-Dichloroethane-d4	92.7	ug/l		WG1749154	10/1/2021	17:10	Estimate.				Pesticides 8260D
(S) 1,2-Dichloroethane-d4	116	ug/l		WG1750639	10/3/2021	19:55	Estimate.				Pesticides 8260D
Aldrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-2.5;SW-0.71	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
Alpha BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.0005; SW-0.00056	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Beta BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.0018; SW-0.002	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Delta BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		No Benchmark	WAC		Pesticides 8260D
Gamma BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Chlordane	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43		FW-2.9; SW-0.09	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
4,4-DDD	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.000036; SW-0.000036	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
4,4-DDE	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.000051; SW-0.000051	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
4,4-DDT	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.000025; SW-0.000025	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Dieldrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.0000061; SW-0.0000061		Acute value	Pesticides 8260D
Endosulfan I	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Endosulfan II	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Endosulfan sulfate	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-9.7; SW-10	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Endrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.18; SW-0.037	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
Endrin aldehyde	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.034;SW-0.035	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Endrin ketone	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Heptachlor	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Heptachlor epoxide	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Hexachlorobenzene	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43		FW-0.000051; SW-0.000052		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Methoxychlor	< 0.025	ug/l	U	WG1744987	9/26/2021	13:43					Pesticides 8260D
Toxaphene	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43		Fw-0.000032; SW-0.000032		Acute value	Pesticides 8260D
(S) Decachlorobiphenyl	65.3	ug/l		WG1744987	9/26/2021	13:43	Estimate.				Pesticides 8260D
(S) Tetrachloro-m-xylene	101	ug/l		WG1744987	9/26/2021	13:43	Estimate.				Pesticides 8260D
PCB 1016	< 0.5	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1221	< 0.5	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1232	< 0.5	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1242	< 0.5	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1248	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1254	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
PCB 1260	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43					Polychorinated Biphenyls 608.3
Total PCBs	< 0.25	ug/l	U	WG1744987	9/26/2021	13:43		FW-2.0; SW-10.0	WAC	A 24-hour average not to be exceeded	Polychorinated Biphenyls 608.3
(S) Decachlorobiphenyl	66.0	ug/l		WG1744987	9/26/2021	13:43	Estimate.				Polychorinated Biphenyls 608.3
(S) Tetrachloro-m-xylene	99.5	ug/l		WG1744987	9/26/2021	13:43	Estimate.				Polychorinated Biphenyls 608.3
Tetryl	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
2,4-Dinitrotoluene	< 1	ug/l	U	WG1746824	9/27/2021	13:12		FW-0.039; SW-0.18		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	8330B
4-Nitrotoluene (4-NT)	< 1	ug/l	U	WG1746824	9/27/2021	13:12					8330B
RDX	< 1	ug/l	U	WG1746824	9/27/2021	13:12					8330B
Nitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12		FW-55; SW-320		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	8330B
2,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12		No Benchmark			8330B
2-Nitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
3-Nitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
1,3,5-Trinitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
1,3-Dinitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
2,4,6-Trinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
4-Amino-2,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
2-Amino-4,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B

HMX	< 1	ug/l	U	WG1746824	9/27/2021	13:12					8330B
PETN	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
Nitroglycerine	< 0.25	ug/l	U	WG1746824	9/27/2021	13:12					8330B
(S) 1,3-Dimethyl-2-NB	95.2	ug/l		WG1746824	9/27/2021	13:12	Estimate.				8330B
Acenaphthene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW&SW - 110	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		No Benchmark	WAC		625.1
Anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-3,100; SW-4,600	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzidine	5.00	ug/l	J4 U	WG1745891	9/25/2021	16:22		FW-0.00002; SW-0.000023	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.0014; SW-0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Bis(2-chlorethoxy)methane	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	No Benchmark	WAC		625.1
Bis(2-chloroethyl)ether	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-0.02; SW-0.06	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,2-Oxybis(1-Chloropropane)	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
4-Bromophenyl-phenylether	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
2-Chloronaphthalene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
4-Chlorophenyl-phenylether	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
Chrysene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-1.4; SW-2.4	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.0014; SW-0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
3,3-Dichlorobenzidine	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
2,4-Dinitrotoluene	< 5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.039; SW-0.18	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,6-Dinitrotoluene	< 5	ug/l	U	WG1745891	9/25/2021	16:22		No Benchmark	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW&SW -16	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-420; SW-610			625.1
Hexachlorobenzene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.000051; SW-0.000052			625.1
Hexachloro-1,3-butadiene	< 5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.69; SW-4.1		Value based off of Hexachlorobutadiene	625.1
Hexachlorocyclopentadiene	< 5	ug/l	J3 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for precision.	FW-150;SW-630			625.1
Hexachloroethane	< 5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.11; SW-0.13			625.1
Indeno(1,2,3-cd)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Isophorone	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-27; SW-110	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.				625.1
Nitrobenzene	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-55; SW-320	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
n-Nitrosodimethylamine	< 5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.00065; SW-0.34	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
n-Nitrosodiphenylamine	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-0.0044; SW-0.058	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
n-Nitrosodi-n-propylamine	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-0.62; SW-0.69	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Phenanthrene	< 0.5	ug/l	U	WG1745891	9/25/2021	16:22		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
Bis(2-ethylhexyl)phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-0.23;SW-0.25	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Di-n-butyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-450; SW-510	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-4,200; SW-5,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dimethyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22		FW-92,000; SW-130,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	16:22		No Benchmark			625.1
Pyrene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.	FW-310;SW-460	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
1,2,4-Trichlorobenzene	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
4-Chloro-3-methylphenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.				625.1
2-Chlorophenol	< 5	ug/l	J3 J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for precision and accuracy.				625.1
2,4-Dichlorophenol	< 5	ug/l	J3 J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for precision and accuracy.				625.1
2,4-Dimethylphenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.				625.1
4,6-Dinitro-2-methylphenol	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
2,4-Dinitrophenol	< 5.93	ug/l	U	WG1745891	9/25/2021	16:22					625.1
2-Nitrophenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.				625.1
4-Nitrophenol	< 5	ug/l	U	WG1745891	9/25/2021	16:22					625.1
Pentachlorophenol	< 5	ug/l	U	WG1745891	9/25/2021	16:22		SW-13	WAC	FW Benchmark is pH dependent(Not measured in study)	625.1
Phenol	< 5	ug/l	U	WG1745891	9/25/2021	16:22		FW-18,000;SW-200,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,4,6-Trichlorophenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	16:22	QC outside the established quality control range for accuracy.				625.1
(S) Nitrobenzene-d5	47.3	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
(S) 2-Fluorobiphenyl	53.9	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
(S) p-Terphenyl-d14	58.5	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
(S) Phenol-d5	21.6	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
(S) 2-Fluorophenol	32.2	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
(S) 2,4,6-Tribromophenol	52.5	ug/l		WG1745891	9/25/2021	16:22	Estimate.				625.1
Spectra Sample Result - 03: Outfall 01											
Dichlobenil	< 0.099	ug/l		212006-01	10/13/2021	14:10	ND.				525.2
Pace Sample Result - 02: Outfall 02											
Hardness (calculated) as $CaCO_3$	20200	ug/l		WG1744980	9/25/2021	13:54					Calculated Result
Suspended Solids	5000	ug/l		WG1745734	9/24/2021	6:41		100,000	MSGP		2540 D-2011
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1745047	9/23/2021	15:45		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH Oil & Grease	1180	ug/l	J	WG1745564	9/23/2021	23:29	Total Oil&Grease is non-detect. Extract was not processed through silica gel.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Nitrate	< 50	ug/l	T8 U	WG1749207	9/30/2021	17:17	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Nitrite	< 50	ug/l	T8 U	WG1749207	9/30/2021	17:17	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Kjeldahl Nitrogen, TKN	407	ug/l		WG1748045	9/29/2021	23:55		3,000	ICID		351.2
Kjeldahl Nitrogen, TKN	938	ug/l		WG1751430	10/5/2021	22:43		3,000	ICID		351.2
Phosphorus, Total	163	ug/l		WG1748949	9/30/2021	0:13		2,000	MSGP		365.4
COD	25300	ug/l		WG1747216	9/28/2021	0:33		120,000	MSGP		410.4
Mercury	< 0.1	ug/l	U	WG1745002	9/29/2021	11:02		FW-1.4;SW-1.8	MSGP		245.1
Antimony	2.98	ug/l	J	WG1744980	9/25/2021	16:00	Estimate.	100	MSGP		200.8
Arsenic	1.48	ug/l		WG1744980	9/25/2021	13:54		FW-150; SW-69	MSGP		200.8
Beryllium	< 0.5	ug/l	U	WG1744980	9/25/2021	13:54		130	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1744980	9/25/2021	13:54		FW-1.8; SW-33	MSGP		200.8
Calcium	4370	ug/l		WG1744980	9/25/2021	13:54					200.8
Copper	10.8	ug/l		WG1744980	9/25/2021	13:54		FW-5.19; SW-4.8	MSGP		200.8
Copper,Dissolved	9.31	ug/l		WG1744916	9/24/2021	17:28		SW-4.8	WAC	Acute value. SW - 3.1 (chronic value). No value for freshwater.	200.8
Lead	0.769	ug/l	J	WG1744980	9/25/2021	13:54	Estimate.	FW-82;SW-210	MSGP		200.8
Magnesium	2270	ug/l		WG1744980	9/25/2021	13:54		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Manganese	32.8	ug/l		WG1744980	9/25/2021	13:54					200.8
Zinc	26.5	ug/l		WG1744980	9/25/2021	13:54		FW-120; SW-90	MSGP		200.8
Zinc,Dissolved	23.4	ug/l		WG1744916	9/24/2021	17:28		SW - 90	WAC	Acute value. SW - 81 (chronic value). No value for freshwater.	200.8
Gasoline Range Organics - NWTPH	< 50	ug/l	U	WG1747762	9/30/2021	4:26					NWTPHGX
(S) a,a,a - Trifluorotoulene (FID)	93.5	ug/l		WG1747762	9/30/2021	4:26	Estimate.				NWTPHGX
Benzene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:30		FW-0.44; SW-1.6	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
1,2 - Dibromoethan	< 0.5	ug/l	U	WG1749154	10/1/2021	17:30					Pesticides 8260D

1,2 - Dichloroethane	< 0.5	ug/l	U	WG1749154	10/1/2021	17:30		FW-9.3; SW-120		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
1,1 - Dichloroethene	< 0.5	ug/l	U	WG1750639	10/3/2021	20:17		No Benchmark	WAC		Pesticides 8260D
Ethylbenzene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:30		FW-200; SW-270	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Toluene	< 0.5	ug/l	U	WG1749154	10/1/2021	17:30		FW-180; SW-410	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Xylenes, Total	< 1.5	ug/l	U	WG1749154	10/1/2021	17:30					Pesticides 8260D
(S) Toluene-d8	111	ug/l		WG1749154	10/1/2021	17:30	Estimate.				Pesticides 8260D
(S) Toluene-d8	109	ug/l		WG1750639	10/3/2021	20:17	Estimate.				Pesticides 8260D
(S) 4-Bromofluorobenzene	108	ug/l		WG1749154	10/1/2021	17:30	Estimate.				Pesticides 8260D
(S) 4-Bromofluorobenzene	91.6	ug/l		WG1750639	10/3/2021	20:17	Estimate.				Pesticides 8260D
(S) 1,2-Dichloroethane-d4	92	ug/l		WG1749154	10/1/2021	17:30	Estimate.				Pesticides 8260D
(S) 1,2-Dichloroethane-d4	118	ug/l		WG1750639	10/3/2021	20:17	Estimate.				Pesticides 8260D
Aldrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-2.5;SW-0.71	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
Alpha BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.0005; SW-0.00056	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Beta BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.0018; SW-0.002	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Delta BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		No Benchmark	WAC		Pesticides 8260D
Gamma BHC	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Chlordane	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56		FW-2.9; SW-0.09	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
4,4-DDD	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.000036; SW-0.000036	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
4,4-DDE	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.000051; SW-0.000051	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
4,4-DDT	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.000025; SW-0.000025	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Dieldrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.0000061; SW-0.0000061		Acute value	Pesticides 8260D
Endosulfan I	0.0301	ug/l	J	WG1744987	9/26/2021	13:56	Estimate.				Pesticides 8260D
Endosulfan II	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Endosulfan sulfate	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-9.7; SW-10	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Endrin	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.18; SW-0.037	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 8260D
Endrin aldehyde	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.034;SW-0.035	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Endrin ketone	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Heptachlor	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Heptachlor epoxide	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Hexachlorobenzene	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56		FW-0.000051; SW-0.000052		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	Pesticides 8260D
Methoxychlor	< 0.025	ug/l	U	WG1744987	9/26/2021	13:56					Pesticides 8260D
Toxaphene	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56		Fw-0.000032; SW-0.000032		Acute value	Pesticides 8260D
(S) Decachlorobiphenyl	35.1	ug/l		WG1744987	9/26/2021	13:56	Estimate.				Pesticides 8260D
(S) Tetrachloro-m-xylene	90.6	ug/l		WG1744987	9/26/2021	13:56	Estimate.				Pesticides 8260D
PCB 1016	< 0.5	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1221	< 0.5	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1232	< 0.5	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1242	< 0.5	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1248	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1254	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
PCB 1260	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56					Polychorinated Biphenyls 608.3
Total PCBs	< 0.25	ug/l	U	WG1744987	9/26/2021	13:56		FW-2.0; SW-10.0	WAC	A 24-hour average not to be exceeded	Polychorinated Biphenyls 608.3
(S) Decachlorobiphenyl	44.9	ug/l		WG1744987	9/26/2021	13:56	Estimate.				Polychorinated Biphenyls 608.3
(S) Tetrachloro-m-xylene	87.6	ug/l		WG1744987	9/26/2021	13:56	Estimate.				Polychorinated Biphenyls 608.3
Tetryl	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
2,4-Dinitrotoluene	< 1	ug/l	U	WG1746824	9/27/2021	13:40		FW-0.039; SW-0.18		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	8330B
4-Nitrotoluene (4-NT)	< 1	ug/l	U	WG1746824	9/27/2021	13:40					8330B
RDX	< 1	ug/l	U	WG1746824	9/27/2021	13:40					8330B
Nitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40		FW-55; SW-320		Human Health Criteria for Consumption; No Benchmark for Aquatic Life	8330B
2,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40		No Benchmark			8330B
2-Nitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
3-Nitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
1,3,5-Trinitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
1,3-Dinitrobenzene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
2,4,6-Trinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
4-Amino-2,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
2-Amino-4,6-Dinitrotoluene	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
HMX	< 1	ug/l	U	WG1746824	9/27/2021	13:40					8330B
PETN	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
Nitroglycerine	< 0.25	ug/l	U	WG1746824	9/27/2021	13:40					8330B
(S) 1,3-Dimethyl-2-NB	94.5	ug/l		WG1746824	9/27/2021	13:40	Estimate.				8330B
Acenaphthene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW&SW - 110	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		No Benchmark	WAC		625.1
Anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-3,100; SW-4,600	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzidine	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-0.00002; SW-0.000023	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.0014; SW-0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Bis(2-chlorethoxy)methane	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	No Benchmark	WAC		625.1
Bis(2-chloroethyl)ether	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-0.02; SW-0.06	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,2-Oxybis(1-Chloropropane)	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
4-Bromophenyl-phenylether	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
2-Chloronaphthalene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
4-Chlorophenyl-phenylether	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
Chrysene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-1.4; SW-2.4	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.0014; SW-0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
3,3-Dichlorobenzidine	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
2,4-Dinitrotoluene	< 5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.039; SW-0.18	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,6-Dinitrotoluene	< 5	ug/l	U	WG1745891	9/25/2021	17:04		No Benchmark	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW&SW -16	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-420; SW-610			625.1
Hexachlorobenzene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.000051; SW-0.000052			625.1
Hexachloro-1,3-butadiene	< 5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.69; SW-4.1		Value based off of Hexachlorobutadiene	625.1
Hexachlorocyclopentadiene	< 5	ug/l	J3 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for precision.	FW-150;SW-630			625.1
Hexachloroethane	< 5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.11; SW-0.13			625.1
Indeno(1,2,3-cd)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.014; SW-0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Isophorone	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-27; SW-110	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.				625.1
Nitrobenzene	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-55; SW-320	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
n-Nitrosodimethylamine	< 5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.00065; SW-0.34	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
n-Nitrosodiphenylamine	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-0.0044; SW-0.058	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1

n-Nitrosodi-n-propylamine	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-0.62; SW-0.69	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Phenanthrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:04		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
Bis(2-ethylhexyl)phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-0.23;SW-0.25	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Di-n-butyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-450; SW-510	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-4,200; SW-5,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dimethyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04		FW-92,000; SW-130,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:04		No Benchmark			625.1
Pyrene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.	FW-310;SW-460	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
1,2,4-Trichlorobenzene	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
4-Chloro-3-methylphenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.				625.1
2-Chlorophenol	< 5	ug/l	J3 J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for precision and accuracy.				625.1
2,4-Dichlorophenol	< 5	ug/l	J3 J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for precision and accuracy.				625.1
2,4-Dimethylphenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.				625.1
4,6-Dinitro-2-methylphenol	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
2,4-Dinitrophenol	< 5.93	ug/l	U	WG1745891	9/25/2021	17:04					625.1
2-Nitrophenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.				625.1
4-Nitrophenol	< 5	ug/l	U	WG1745891	9/25/2021	17:04					625.1
Pentachlorophenol	< 5	ug/l	U	WG1745891	9/25/2021	17:04		SW-13	WAC	FW Benchmark is pH dependent(Not measured in study)	625.1
Phenol	< 5	ug/l	U	WG1745891	9/25/2021	17:04		FW-18,000;SW-200,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
2,4,6-Trichlorophenol	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:04	QC outside the established quality control range for accuracy.				625.1
(S) Nitrobenzene-d5	47.4	ug/l		WG1745891	9/25/2021	17:04	Estimate.				625.1
(S) 2-Fluorobiphenyl	52	ug/l		WG1745891	9/25/2021	17:04	Estimate.				625.1
(S) p-Terphenyl-d14	45.4	ug/l	J2	WG1745891	9/25/2021	17:04	Surrogate recovery limits have been exceeded; values are outside lower control limits. Estimate.				625.1
(S) Phenol-d5	20.7	ug/l		WG1745891	9/25/2021	17:04	Estimate.				625.1
(S) 2-Fluorophenol	28.6	ug/l		WG1745891	9/25/2021	17:04	Estimate.				625.1
(S) 2,4,6-Tribromophenol	43.3	ug/l		WG1745891	9/25/2021	17:04	Estimate.				625.1
Spectra Sample Result - 04: Outfall 02											
Dichlobenil	< 0.10	ug/l		212006-02	10/13/2021	14:52	ND.				525.2

Camp McKean (PCDB -157)	
Sample Received Date (Pace):	28-Sep-21
Analytical Report Date (Pace):	19-Oct-21
Sample Received Date (Spectra):	27-Sep-21
Analytical Report Date (Spectra):	30-Sep-21

Qualifier Descriptions:		
	T8	Sample(s) received past/too close to holding time expiration.
	U	Below Detectable Limits: Indicates that the analyte was not detected.

Satisfy Requirements
Possible Elevated Levels
Pollutant of Concern

Analyte	Result	Units	Qualifier	Batch #	Analysis Date	Analysis Time	Comments	Benchmark Value	Source	Benchmark Comparison Comments	EPA Method
Pace Sample Result - 01: CMP 01											
Total Nitrogen	712	ug/l		WG1750087	10/5/2021	1:36					Calculated Result
Suspended Solids	3300	ug/l		WG1748946	9/30/2021	1:51		100,000	MSGP		2540 D-2011
Nitrate as (N)	252	ug/l	T8	WG1751284	10/5/2021	1:36	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Nitrite as (N)	< 50	ug/l	T8 U	WG1751284	10/5/2021	1:36	Sample(s) received past/too close to holding time expiration.				300.0
Ammonia Nitrogen	< 50	ug/l	U	WG1749112	9/30/2021	14:55		f, c			350.1
Kjeldahl Nitrogen, TKN	460	ug/l		WG1750087	10/5/2021	1:31		3,000	ICID		351.2
Phosphorus,Total	< 50	ug/l	U	WG1751341	10/5/2021	3:27		2000	MSGP		365.4
COD	28000	ug/l		WG1751801	10/5/2021	19:00		120,000	MSGP		410.4
Spectra Sample Result - 02: CMP 01											
Fecal Coliform (MF)	600	CFU/100ml		212205-01	9/27/2021	N/A		100	WAC	Fecal coliform levels must not exceed the geometric mean value. Expired 2020	SM 922D

Camp Wesley Harris (PCDB -158)	
Sample Received Date (Pace):	14-Aug-21
Analytical Report Date (Pace):	13-Sep-21
Sample Received Date (Spectra):	13-Aug-21
Analytical Report Date (Spectra):	27-Aug-21

Qualifier Descriptions:		
	B	The same analyte is found in the associated blank.
	J	The identification of the analyte is acceptable; the reported value is an estimate.
	U	Below Detectable Limits: Indicates that the analyte was not detected.

Satisfy Requirements
Possible Elevated Levels
Pollutant of Concern

Analyte	Result	Units	Qualifier	Batch #	Analysis Date	Analysis Time	Comments	Benchmark Value	Source	Benchmark Comparison Commets	EPA Method
Pace Sample Results - 01: CWH Swamp Culvert											
Suspended Solids	3000	ug/l		WG1723443	8/15/2021	2:55		100,000	MSGP		2540 D-2011
Ammonia Nitrogen	< 50	ug/l	U	WG1728318	8/24/2021	18:34					350.1
Kjeldahl Nitrogen, TKN	3350	ug/l		WG1727130	8/21/2021	3:59		3,000	ICID		351.2
Phosphorus,Total	291	ug/l	B	WG1726215	8/21/2021	3:52	The same analyte is found in the associated blank.	2,000	MSGP		365.4
COD	200000	ug/l		WG1726178	8/19/2021	19:16		120,000	MSGP		410.4
Nitrate	< 50	ug/l	U	WG1723269	8/14/2021	14:23		680	MSGP		9056A
Nitrite	< 50	ug/l	U	WG1723269	8/14/2021	14:23		680	MSGP		9056A
Aluminum	969	ug/l		WG1725277	8/19/2021	13:30		1,100	MSGP	Changed from 750 to 1,100 ug/l from 2015 to 2021 benchmark	410.4
Arsenic	1.3	ug/l	J	WG1725277	8/19/2021	13:30	Estimate.	360	WAC	For dissolved fraction; 1-hour avg. concentrations not to be exceeded more than 1 time every 3 years	620B
Cadmium	< 0.5	ug/l	U	WG1725277	8/19/2021	13:30				Hardness Dependent Value for MSGP, 42 ug/l 1-hour average not to be exceeded for SW	620B
Copper	16.9	ug/l		WG1725277	8/19/2021	13:30		5.19	MSGP	Total Recoverable Copper - Freshwater	620B
Copper,Dissolved	16.3	ug/l		WG1725885	8/19/2021	14:28			WAC	SW - 4.8 (Acute value). SW - 3.1 (chronic value). No value for freshwater.	620B
Lead	22.7	ug/l		WG1725277	8/19/2021	13:30		82	MSGP	Freshwater dependent metal (Appendix J); Hardnesss not calculated	620B
Zinc	46.6	ug/l		WG1725277	8/19/2021	13:30		120	MSGP	Freshwater dependent metal (Appendix J); Hardnesss not calculated	620B
Zinc,Dissolved	47.3	ug/l		WG1723953	8/18/2021	13:10			WAC	No value for freshwater. SW - 90(Acute); 81(Chronic)	620B
Spectra Sample Results - 02: CWH Swamp Culvert											
Biochemical Oxygen Demand (BOD)	3.2	mg/L		211056-01	8/13/2021	N/A		30 mg/L			5210B
Fecal Coliform (MF)	10	CFU/100ml		212206-01	8/13/2021	N/A		100 CFU		Fecal coliform levels must not exceed the geometric mean value	9222D

Jackson Park (PCDB -163)	
Sample Received Date:	18-Sep-21
Analytical Report Date:	11-Oct-21
Sample Received Date (Pace - Helo Pad):	22-Sep-21
Analytical Report Date (Pace - Helo Pad):	6-Oct-21
Sample Received Date (Spectra - Helo Pad):	20-Sep-21
Analytical Report Date (Spectra - Helo Pad):	1-Nov-21

Qualifier Descriptions:		
	B	The same analyte is found in the associated blank.
	J	The identification of the analyte is acceptable; the reported value is an estimate.
	J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
	J4	The associated batch QC was outside the established quality control range for accuracy.
	T8	Sample(s) received past/too close to holding time expiration.
	U	Below Detectable Limits: Indicates that the analyte was not detected.

Satisfy Requirements
Possible Elevated Levels
Pollutant of Concern

Analyte	Result	Units	Qualifier	Batch #	Analysis Date	Analysis Time	Comments	Benchmark Value	Source	Benchmark Comparison Comments	EPA Method
Pace Sample Result - 01: Outfall South											
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1743438	9/21/2021	15:30		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH - Oil & Grease	< 2500	ug/l	U	WG1743917	9/22/2021	0:02	Total Oil&Grease is non-detect. Extract was not processed through silica gel.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Copper,Dissolved	30.9	ug/l		WG1744916	9/24/2021	17:15		4.8	WAC	Acute value. SW - 3.1 (chronic value)	200.8
Copper,Dissolved	31.2	ug/l		WG1744130	9/22/2021	13:36		4.8	WAC	Acute value. SW - 3.1 (chronic value)	6020B
Zinc,Dissolved	21.3	ug/l		WG1744916	9/25/2021	14:13		90	WAC	Acute value. SW - 81 (chronic value)	200.8
Zinc,Dissolved	21	ug/l	J	WG1744130	9/22/2021	13:36	Estimate.	90	WAC	Acute value. SW - 81 (chronic value)	6020B
Cadmium	< 0.5	ug/l	U	WG1744980	9/25/2021	14:13		33	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1741077	9/21/2021	13:53		33	MSGP		6020B
Calcium	14500	ug/l		WG1744980	9/25/2021	14:13					200.8
Calcium	14400	ug/l		WG1741077	9/21/2021	13:53					6020B
Copper	44.1	ug/l		WG1744980	9/25/2021	14:13		4.8	MSGP		200.8
Copper	44	ug/l		WG1741077	9/21/2021	13:53		4.8	MSGP		6020B
Lead	0.564	ug/l	J	WG1744980	9/25/2021	14:13	Estimate.	210	MSGP		200.8
Lead	< 3	ug/l	U	WG1741077	9/21/2021	13:53		210	MSGP		6020B
Magnesium	6270	ug/l		WG1744980	9/25/2021	14:13		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Magnesium	6140	ug/l		WG1741077	9/21/2021	13:53		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	6020B
Zinc	42.7	ug/l		WG1744980	9/25/2021	14:13		90	MSGP		200.8
Zinc	41.1	ug/l		WG1741077	9/21/2021	13:53		90	MSGP		6020B
Mercury	< 0.1	ug/l	U	WG1742856	9/25/2021	11:11		1.80	WAC		245.1
Mercury	< 0.1	ug/l	U	WG1744999	9/24/2021	7:51		1.80	WAC		245.1
Suspended Solids	12100	ug/l		WG1743936	9/21/2021	18:14		100,000	MSGP		2540-2011
Kjeldahl Nitrogen, TKN	860	ug/l		WG1745827	9/24/2021	23:35		3,000	ICID		351.2
Phosphorus,Total	97.1	ug/l	B J	WG1746365	9/24/2021	22:17	The same analyte is found in the associated blank. Estiamte.	2,000	MSGP		365.4
COD	45600	ug/l		WG1746557	9/25/2021	20:58		120,000	MSGP		410.4
Acenaphthene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		110	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		No Benchmark	WAC		625.1
Anthracene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		4,600	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Chrysene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		2.1	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		16	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		610	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Indeno(1,2,3-cd)pyrene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02					625.1
Phenanthrene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.5	ug/l	U	WG1745005	9/23/2021	21:02					625.1
Bis(2-ethylhexyl)phthalate	< 1.5	ug/l	U	WG1745005	9/23/2021	21:02		FW-0.23;SW-0.25	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.5	ug/l	U	WG1745005	9/23/2021	21:02		5,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.5	ug/l	U	WG1745005	9/23/2021	21:02		No Benchmark			625.1
Pyrene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02		460	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Pentachlorophenol	< 5	ug/l	U	WG1745005	9/23/2021	21:02		13	WAC	FW Benchmark is pH dependent(Not measured in study)	625.1
Phenol	< 5	ug/l	U	WG1745005	9/23/2021	21:02		200,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenzofuran	< 5	ug/l	U	WG1745005	9/23/2021	21:02					625.1
1-Methylnaphthalene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02					625.1
2-Methylnaphthalene	< 0.5	ug/l	U	WG1745005	9/23/2021	21:02					625.1
Nitrate	230	ug/l		WG1742457	9/18/2021	19:06		680	MSGP		9056A
Nitrite	< 50	ug/l	U	WG1742457	9/18/2021	19:06		680	MSGP		9056A
Total Nitrogen	1090	ug/l		WG1745827	9/24/2021	23:35					Calculated Result
Hardness (calculated) as $CaCO_3$	61100	ug/l		WG1741077	9/21/2021	13:53					Calculated Result
Hardness (calculated) as $CaCO_3$	62100	ug/l		WG1744980	9/25/2021	14:13					Calculated Result
Pace Sample Result - 02: Outfall North											
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1743438	9/21/2021	15:30		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH - Oil & Grease	< 2500	ug/l	U	WG1743917	9/22/2021	0:02	Total Oil&Grease is non-detect. Extract was not processed through silica gel.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Copper,Dissolved	177	ug/l		WG1744916	9/24/2021	17:38		4.8	WAC	Acute value. SW - 3.1 (chronic value)	200.8
Copper,Dissolved	174	ug/l		WG1744130	9/22/2021	13:39		4.8	WAC	Acute value. SW - 3.1 (chronic value)	6020B
Zinc,Dissolved	531	ug/l		WG1744916	9/24/2021	17:38		90	WAC	Acute value. SW - 81 (chronic value)	200.8
Zinc,Dissolved	497	ug/l		WG1744130	9/22/2021	13:39		90	WAC	Acute value. SW - 81 (chronic value)	6020B
Cadmium	< 0.5	ug/l	U	WG1744980	9/25/2021	14:16		33	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1741077	9/21/2021	10:56		33	MSGP		6020B
Calcium	11800	ug/l		WG1744980	9/25/2021	14:16					200.8
Calcium	12000	ug/l		WG1741077	9/21/2021	10:56					6020B
Copper	182	ug/l		WG1744980	9/25/2021	14:16		4.8	MSGP		200.8
Copper	182	ug/l		WG1741077	9/21/2021	10:56		4.8	MSGP		6020B
Lead	< 0.5	ug/l	U	WG1744980	9/25/2021	14:16		210	MSGP		200.8
Lead	< 3	ug/l	U	WG1741077	9/21/2021	10:56		210	MSGP		6020B
Magnesium	915	ug/l	J	WG1744980	9/25/2021	14:16	Estimate.	No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Magnesium	867	ug/l	J	WG1741077	9/21/2021	10:56	Estimate.	No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	6020B
Zinc	524	ug/l		WG1744980	9/25/2021	14:16		90	MSGP		200.8
Zinc	524	ug/l		WG1741077	9/21/2021	10:56		90	MSGP		6020B
Mercury	< 0.1	ug/l	U	WG1742856	9/25/2021	11:13		1.80	WAC		245.1
Mercury	< 0.1	ug/l	U	WG1744999	9/24/2021	8:03		1.80	WAC		245.1
Suspended Solids	7800	ug/l		WG1743936	9/21/2021	18:14		100,000	MSGP		2540-2011
Kjeldahl Nitrogen, TKN	4850	ug/l		WG1745827	9/24/2021	23:37		3,000	ICID		351.2
Phosphorus,Total	460	ug/l	B	WG1746365	9/24/2021	22:21	The same analyte is found in the associated blank.	2,000	MSGP		365.4
COD	176000	ug/l		WG1747199	9/27/2021	20:35		120,000	MSGP		410.4
Acenaphthene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		110	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		No Benchmark	WAC		625.1
Anthracene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		4600	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Chrysene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		2.1	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		16	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1

Fluorene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		610	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Indeno(1,2,3-cd)pyrene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12					625.1
Phenanthrene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.67	ug/l	U	WG1745005	10/5/2021	14:12					625.1
Bis(2-ethylhexyl)phthalate	< 1.67	ug/l	U	WG1745005	10/5/2021	14:12		0.025	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.67	ug/l	U	WG1745005	10/5/2021	14:12		5000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.67	ug/l	U	WG1745005	10/5/2021	14:12		No Benchmark			625.1
Pyrene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12		460	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Pentachlorophenol	< 5.55	ug/l	U	WG1745005	10/5/2021	14:12		13	WAC	FW Benchmark is pH dependent(Not measured in study)	625.1
Phenol	< 5.55	ug/l	U	WG1745005	10/5/2021	14:12		200000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenzofuran	< 5.55	ug/l	U	WG1745005	10/5/2021	14:12					625.1
1-Methylnaphthalene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12					625.1
2-Methylnaphthalene	< 0.555	ug/l	U	WG1745005	10/5/2021	14:12					625.1
Nitrate	812	ug/l		WG1742457	9/18/2021	19:20		680	MSGP		9056A
Nitrite	53.7	ug/l	J	WG1742457	9/18/2021	19:20	Estimate.	680	MSGP		9056A
Total Nitrogen	5720	ug/l		WG1745827	9/24/2021	23:37					Calculated Result
Hardness (calculated) as $CaCO_3$	33400	ug/l		WG1741077	9/21/2021	13:56					Calculated Result
Hardness (calculated) as $CaCO_3$	33200	ug/l		WG1744980	9/25/2021	14:16					Calculated Result
Pace Sample Results - 03: Helo Pad											
Hardness (calculated) as $CaCO_3$	365000	ug/l		WG1744980	9/25/2021	15:08					Calculated Result
Suspended Solids	2700	ug/l		WG1746396	9/25/2021	6:17		100,000	MSGP		2540 D-2011
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1745047	9/23/2021	15:45		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH - Oil & Grease	< 2500	ug/l	U	WG1745564	9/23/2021	23:29	Total Oil&Grease is non-detect. Extract was not processed through silica gel.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Nitrate	508	ug/l	T8	WG1749207	9/30/2021	16:44	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Nitrite	< 50	ug/l	T8 U	WG1749207	9/30/2021	16:44	Sample(s) received past/too close to holding time expiration.	680	MSGP		300.0
Kjeldahl Nitrogen, TKN	343	ug/l		WG1748045	9/29/2021	23:53		3,000	ICID		351.2
Kjeldahl Nitrogen, TKN	553	ug/l	B	WG1751414	10/5/2021	19:21	The same analyte is found in the associated blank.	3,000	ICID		351.2
Phosphorus,Total	101	ug/l		WG1748949	9/30/2021	0:08		2,000	MSGP		365.4
COD	48200	ug/l		WG1747216	9/27/2021	22:40		120,000	MSGP		410.4
Mercury	< 0.1	ug/l	U	WG1745002	9/29/2021	10:48		1.80	WAC		245.1
Cadmium	< 0.5	ug/l	U	WG1744980	9/25/2021	15:08		33	MSGP		200.8
Calcium	35700	ug/l		WG1744980	9/25/2021	15:08					200.8
Copper	1.51	ug/l		WG1744980	9/25/2021	15:08		4.8	MSGP		200.8
Copper,Dissolved	0.983	ug/l	J	WG1744916	9/24/2021	18:37	Estimate.	4.8	WAC	Acute value. SW - 3.1 (chronic value)	200.8
Lead	< 0.5	ug/l	U	WG1744980	9/25/2021	15:08		210	MSGP		200.8
Magnesium	67000	ug/l		WG1744980	9/25/2021	15:08		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Zinc	< 12.5	ug/l	U	WG1744980	9/25/2021	15:08		90	MSGP		200.8
Zinc,Dissolved	< 12.5	ug/l	U	WG1744916	9/24/2021	18:37		90	WAC	Acute value. SW - 81 (chronic value)	200.8
Acenaphthene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.	110	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		No Benchmark	WAC		625.1
Anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		4,600	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Chrysene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		2.1	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.0021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		16	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		610	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Indeno(1,2,3-cd)pyrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.				625.1
Phenanthrene	< 0.5	ug/l	U	WG1745891	9/25/2021	17:26		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:26					625.1
Bis(2-ethylhexyl)phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:26		0.025	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:26		5,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.5	ug/l	U	WG1745891	9/25/2021	17:26		No Benchmark			625.1
Pyrene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.	460	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Pentachlorophenol	< 5	ug/l	U	WG1745891	9/25/2021	17:26		13	WAC	FW Benchmark is pH dependent(Not measured in study)	625.1
Phenol	< 5	ug/l	U	WG1745891	9/25/2021	17:26		200,000	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Dibenzofuran	< 5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.				625.1
1-Methylnaphthalene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.				625.1
2-Methylnaphthalene	< 0.5	ug/l	J4 U	WG1745891	9/25/2021	17:26	QC outside the established quality control range for accuracy.				625.1
(S) Nitrobenzene-d5	< 42.6	ug/l	J2 U	WG1745891	9/25/2021	17:26	Surrogate recovery limits have been exceeded; values are outside lower control limits.				625.1
(S) 2-Fluorobiphenyl	45.2	ug/l		WG1745891	9/25/2021	17:26					625.1
(S) p-Terphenyl-d14	44.2	ug/l	J2	WG1745891	9/25/2021	17:26	Surrogate recovery limits have been exceeded; values are outside lower control limits.				625.1
(S) Phenol-d5	20	ug/l		WG1745891	9/25/2021	17:26					625.1
(S) 2-Fluorophenol	27.1	ug/l		WG1745891	9/25/2021	17:26					625.1
(S) 2,4,6-Tribromophenol	44.1	ug/l		WG1745891	9/25/2021	17:26					625.1
Spectra Sample Results - 04: Helo Pad											
Dichlobenil	< 0.098	ug/l		212002-01	10/13/2021	N/A	ND.				525.2
Fecal Coliform	810	CFU/100ml		212002-01	9/20/2021	N/A		14 CFU/100mL	WAC	Fecal coliform levels must not exceed the geometric mean value. Expired 2020	9222D

Keyport (PCDB -165)	
Pace Sample Received Date:	28-Sep-21
PaceAnalytical Report Date:	6-Oct-21
Spectra Sample Received Date:	27-Sep-21
Spectra Analytical Report Date:	4-Nov-21

Qualifier Descriptions:	
C6	The initial calibration verification standard (SSCV) associated with this data responded low.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
U	Below Detectable Limits: Indicates that the analyte was not detected.
V	The sample concentrations is too high to evaluate accurate spike recoveries.
*3	ITSD response or retention time outside acceptable limits.

Satisfy Requirements
Possible Elevated Levels
Pollutant of Concern

Analyte	Result	Units	Qualifier	Batch #	Analysis Date	Analysis Time	Comments	Benchmark Value	Source	Benchmark Comparison Comments	EPA Method
Pace Sample Result - 01: Outfall 03-717											
Total Nitrogen	971	ug/l		WG1750081	10/5/2021	0:07					Calculated Result
Hardness (calculated) as $CaCO_3$	15800	ug/l		WG1749901	10/5/2021	9:19					Calculated Result
Suspended Solids	12700	ug/l		WG1748191	9/29/2021	3:52		100,000	MSGP		2540 D-2011
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1749796	10/1/2021	16:14		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH - Oil & Grease	1180	ug/l	J	WG1750244	10/1/2021	18:47	Total Oil&Grease is non-detect. Extract was not processed through silica gel. Estimate.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Kjeldahl Nitrogen, TKN	712	ug/l		WG1750081	10/5/2021	0:07		3,000	ICID		351.2
Phosphorus,Total	154	ug/l		WG1751336	10/5/2021	1:14		2,000	MSGP		365.4
COD	35500	ug/l		WG1751801	10/5/2021	18:58		120,000	MSGP		410.4
Nitrate	259	ug/l		WG1747705	9/28/2021	13:04		680	MSGP		9056A
Nitrite	< 50	ug/l	U	WG1747705	9/28/2021	13:04		680	MSGP		9056A
Mercury	< 0.1	ug/l	U	WG1749017	10/1/2021	14:33		1.8	MSGP		245.1
Arsenic	0.786	ug/l	J	WG1749901	10/5/2021	9:19	Estimate.	69	MSGP		200.8
Beryllium	< 0.5	ug/l	U	WG1749901	10/5/2021	9:19		130	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1749901	10/5/2021	9:19		33	MSGP		200.8
Calcium	4360	ug/l		WG1749901	10/5/2021	9:19					200.8
Copper	13.4	ug/l		WG1749901	10/5/2021	9:19		4.8	MSGP		200.8
Copper,Dissolved	8.91	ug/l		WG1748167	10/5/2021	9:29		4.8	WAC	Acute value. SW - 3.1 (chronic value)	200.8
Lead	1.7	ug/l	J	WG1749901	10/5/2021	9:19	Estimate.	210	MSGP		200.8
Magnesium	1180	ug/l		WG1749901	10/5/2021	9:19		No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Zinc	76.1	ug/l		WG1749901	10/5/2021	9:19		90	MSGP		200.8
Zinc,Dissolved	55	ug/l		WG1748167	10/5/2021	9:29		90	WAC	Acute value. SW - 81 (chronic value)	200.8
Trichloroethene	< 0.02	ug/l	U	WG1749407	9/30/2021	17:51					8260D
Vinyl chloride	< 0.05	ug/l	U	WG1749407	9/30/2021	17:51					8260D
(S) Toluene-d8	103	ug/l		WG1749407	9/30/2021	17:51	Estimate.				8260D
(S) 4-Bromofluorobenzene	97.6	ug/l		WG1749407	9/30/2021	17:51	Estimate.				8260D
(S) 1,2-Dichloroethane-d4	110	ug/l		WG1749407	9/30/2021	17:51	Estimate.				8260D
2,4-D	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
Dalapon	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
2,4-DB	1.79	ug/l	J	WG1748021	10/1/2021	23:24	Estimate.				8151A
Dicamba	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
Dichloroprop	< 1.04	ug/l	U	WG1748021	10/1/2021	23:24					8151A
Dinoseb	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
MCPA	< 50	ug/l	C6 U	WG1748021	10/1/2021	23:24	The initial calibration verification standard (SSCV) associated with this data responded low.				8151A
MCPP	< 66	ug/l	C6 U	WG1748021	10/1/2021	23:24	The initial calibration verification standard (SSCV) associated with this data responded low.				8151A
2,4,5-T	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
2,4,5-TP (Silvex)	< 1	ug/l	U	WG1748021	10/1/2021	23:24					8151A
(S) 2,4-Dichlorophenyl Acetic Acid	65.1	ug/l		WG1748021	10/1/2021	23:24					8151A
Aldrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.71	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.3
Alpha BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.00056	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.4
Beta BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.002	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.5
Delta BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		No Benchmark	WAC		Pesticides 608.6
Gamma BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.7
Chlordane	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04		0.09	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.8
4,4-DDD	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.000036	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.9
4,4-DDE	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.000051	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.10
4,4-DDT	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.000025	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.11
Dieldrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.0000061		Acute value	Pesticides 608.12
Endosulfan I	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.13
Endosulfan II	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.14
Endosulfan sulfate	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		10	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.15
Endrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.037	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.16
Endrin aldehyde	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.035	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.17
Endrin ketone	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.18
Heptachlor	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.19
Heptachlor epoxide	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.20
Hexachlorobenzene	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04		0.000052		Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.21
Methoxychlor	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:04					Pesticides 608.22
Toxaphene	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04		0.000032		Acute value	Pesticides 608.23
(S) Decachlorobiphenyl	82.9	ug/l		WG1748456	10/1/2021	0:04	Estimate.				Pesticides 608.24
(S) Tetrachloro-m-xylene	76.8	ug/l		WG1748456	10/1/2021	0:04	Estimate.				Pesticides 608.25
PCB 1016	< 0.525	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1221	< 0.525	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1232	< 0.525	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1242	< 0.525	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1248	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1254	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
PCB 1260	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
Total PCBs	< 0.263	ug/l	U	WG1748456	10/1/2021	0:04		10	WAC	A 24-hour average not to be exceeded	Polychlorinated Biphenyls 608.3
(S) Decachlorobiphenyl	67	ug/l		WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
(S) Tetrachloro-m-xylene	103	ug/l		WG1748456	10/1/2021	0:04					Polychlorinated Biphenyls 608.3
Acenaphthene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		110	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		No Benchmark	WAC		625.1
Anthracene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		4,600	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		No Benchmark	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(a)pyrene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Chrysene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		2.1	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.0021			625.1
Fluoranthene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		16	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		610			625.1
Indeno(1,2,3-cd)pyrene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32					625.1
Phenanthrene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.67	ug/l	U	WG1749019	10/1/2021	18:32					625.1
Bis(2-ethylhexyl)phthalate	< 1.67	ug/l	U	WG1749019	10/1/2021	18:32		0.25	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.67	ug/l	U	WG1749019	10/1/2021	18:32		5,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	1.06	ug/l	J	WG1749019	10/1/2021	18:32	Estimate.	No Benchmark			625.1
Pyrene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32		460	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Pentachlorophenol	< 5.55	ug/l	U	WG1749019	10/1/2021	18:32		13	WAC		625.1
Phenol	< 5.55	ug/l	U	WG1749019	10/1/2021	18:32		200,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenzofuran	< 5.55	ug/l	U	WG1749019	10/1/2021	18:32					625.1
1-Methylnaphthalene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32					625.1
2-Methylnaphthalene	< 0.555	ug/l	U	WG1749019	10/1/2021	18:32					625.1
(S) Nitrobenzene-d5	60.5	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1
(S) 2-Fluorobiphenyl	58.9	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1
(S) p-Terphenyl-d14	55.9	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1

(S) Phenol-d5	21.3	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1
(S) 2-Fluorophenol	32.8	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1
(S) 2,4,6-Tribromophenol	73.9	ug/l		WG1749019	10/1/2021	18:32	Estimate.				625.1
Pace Sample Result - 03: Outfall 03 - 717											
Nitrate	257	ug/l		WG1747705	9/28/2021	14:25		680	MSGP		300.00
Nitrite	< 50	ug/l	U	WG1747705	9/28/2021	14:25		680	MSGP		300.00
Spectra Sample Result - 05: Outfall 03 - 717											
Dichlobenil	< 0.098	ug/l	*3	212211-01	10/19/2021	2:27	ITSD response or retention time outside acceptable limits				525.2
Pace Sample Result - 02: Outfall 01 - 741											
Total Nitrogen	1070	ug/l		WG1750081	10/5/2021	0:09					Calculated Result
Hardness (calculated) as $CaCO_3$	11200	ug/l		WG1749901	10/5/2021	9:06					Calculated Result
Suspended Solids	6600	ug/l		WG1748191	9/29/2021	3:52		100,000	MSGP		2540 D-2011
Oil & Grease (Hexane Extr)	< 2500	ug/l	U	WG1749796	10/1/2021	16:14		10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
TPH - Oil & Grease	< 2500	ug/l	U	WG1750244	10/1/2021	18:47	Total Oil&Grease is non-detect. Extract was not processed through silica gel.	10,000	MSGP	MSGP Part 8.D.5. Table 8.D-3	1664A
Kjeldahl Nitrogen, TKN	849	ug/l		WG1750081	10/5/2021	0:09		3,000	ICID		351.2
Phosphorus,Total	84.2	ug/l	J	WG1751336	10/5/2021	0:45	Estimate.	2,000	MSGP		365.4
COD	38300	ug/l		WG1751801	10/5/2021	18:59		120,000	MSGP		410.4
Nitrate	224	ug/l		WG1747705	9/28/2021	13:20		680	MSGP		9056A
Nitrite	< 50	ug/l	U	WG1747705	9/28/2021	13:20		680	MSGP		9056A
Mercury	< 0.1	ug/l	U	WG1749017	10/1/2021	14:42		1.8	MSGP		245.1
Arsenic	0.616	ug/l	J	WG1749901	10/5/2021	9:06	Estimate.	69	MSGP		200.8
Beryllium	< 0.5	ug/l	U	WG1749901	10/5/2021	9:06		130	MSGP		200.8
Cadmium	< 0.5	ug/l	U	WG1749901	10/5/2021	9:06		33	MSGP		200.8
Calcium	4180	ug/l		WG1749901	10/5/2021	9:06					200.8
Copper	220	ug/l	V	WG1749901	10/5/2021	9:06	The sample concentrations is too high to evaluate accurate spike recoveries.	4.8	MSGP		200.8
Copper,Dissolved	203	ug/l		WG1748167	10/5/2021	9:49		4.8	WAC	Acute value. SW - 3.1 (chronic value)	200.8
Lead	7.84	ug/l		WG1749901	10/5/2021	9:06		210	MSGP		200.8
Magnesium	182	ug/l	J	WG1749901	10/5/2021	9:06	Estimate.	No Benchmark	MSGP	64ug/L in MSGP 2015, Removed om MSGP 2019	200.8
Zinc	33.8	ug/l		WG1749901	10/5/2021	9:06		90	MSGP		200.8
Zinc,Dissolved	30.3	ug/l		WG1748167	10/5/2021	9:49		90	WAC	Acute value. SW - 81 (chronic value)	200.8
Trichloroethene	< 0.02	ug/l	U	WG1749407	9/30/2021	18:10					8260D
Vinyl chloride	< 0.05	ug/l	U	WG1749407	9/30/2021	18:10					8260D
(S) Toluene-d8	102	ug/l		WG1749407	9/30/2021	18:10	Estimate.				8260D
(S) 4-Bromofluorobenzene	96.1	ug/l		WG1749407	9/30/2021	18:10	Estimate.				8260D
(S) 1,2-Dichloroethane-d4	106	ug/l		WG1749407	9/30/2021	18:10	Estimate.				8260D
2,4-D	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
Dalapon	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
2,4-DB	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
Dicamba	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
Dichloroprop	< 1.04	ug/l	U	WG1748021	10/1/2021	23:39					8151A
Dinoseb	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
MCPA	< 50	ug/l	C6 U	WG1748021	10/1/2021	23:39	The initial calibration verification standard (SSCV) associated with this data responded low.				8151A
MCPP	< 66	ug/l	C6 U	WG1748021	10/1/2021	23:39	The initial calibration verification standard (SSCV) associated with this data responded low.				8151A
2,4,5-T	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
2,4,5-TP (Silvex)	< 1	ug/l	U	WG1748021	10/1/2021	23:39					8151A
(S) 2,4-Dichlorophenyl Acetic Acid	83.8	ug/l		WG1748021	10/1/2021	23:39					8151A
Aldrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.71	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.3
Alpha BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.00056	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.4
Beta BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.002	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.5
Delta BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		No Benchmark	WAC		Pesticides 608.6
Gamma BHC	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.7
Chlordane	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14		0.09	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.8
4,4-DDD	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.000036	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.9
4,4-DDE	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.000051	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.10
4,4-DDT	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.000025	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.11
Dieldrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.0000061		Acute value	Pesticides 608.12
Endosulfan I	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.13
Endosulfan II	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.14
Endosulfan sulfate	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		10	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.15
Endrin	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.037	WAC	Acute value; Instanteous concentration not to be exceeded at any time	Pesticides 608.16
Endrin aldehyde	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.035	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.17
Endrin ketone	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.18
Heptachlor	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.19
Heptachlor epoxide	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.20
Hexachlorobenzene	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14		0.000052		Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	Pesticides 608.21
Methoxychlor	< 0.0263	ug/l	U	WG1748456	10/1/2021	0:14					Pesticides 608.22
Toxaphene	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14		0.000032		Acute value	Pesticides 608.23
(S) Decachlorobiphenyl	80.5	ug/l		WG1748456	10/1/2021	0:14	Estimate.				Pesticides 608.24
(S) Tetrachloro-m-xylene	74.2	ug/l		WG1748456	10/1/2021	0:14	Estimate.				Pesticides 608.25
PCB 1016	< 0.525	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1221	< 0.525	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1232	< 0.525	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1242	< 0.525	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1248	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1254	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
PCB 1260	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
Total PCBs	< 0.263	ug/l	U	WG1748456	10/1/2021	0:14		10	WAC	A 24-hour average not to be exceeded	Polychlorinated Biphenyls 608.3
(S) Decachlorobiphenyl	62.5	ug/l		WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
(S) Tetrachloro-m-xylene	100	ug/l		WG1748456	10/1/2021	0:14					Polychlorinated Biphenyls 608.3
Acenaphthene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		110	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Acenaphthylene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		No Benchmark	WAC		625.1
Anthracene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		4,600	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(a)anthracene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(b)fluoranthene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(k)fluoranthene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Benzo(g,h,i)perylene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		No Benchmark	WAC		625.1
Benzo(a)pyrene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Chrysene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		2.1	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenz(a,h)anthracene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.0021	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluoranthene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		16	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Fluorene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		610			625.1
Indeno(1,2,3-cd)pyrene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		0.021	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Naphthalene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53					625.1
Phenanthrene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		No Benchmark	WAC		625.1
Benzylbutyl phthalate	< 1.5	ug/l	U	WG1749019	10/1/2021	18:53					625.1
Bis(2-ethylhexyl)phthalate	< 1.5	ug/l	U	WG1749019	10/1/2021	18:53		0.25	WAC	Human Health Criteria for Consumption; No Benchmark for Aquatic Life	625.1
Diethyl phthalate	< 1.5	ug/l	U	WG1749019	10/1/2021	18:53		5,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Di-n-octyl phthalate	< 1.5	ug/l	U	WG1749019	10/1/2021	18:53		No Benchmark			625.1
Pyrene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53		460	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Pentachlorophenol	< 5	ug/l	U	WG1749019	10/1/2021	18:53		13	WAC		625.1
Phenol	< 5	ug/l	U	WG1749019	10/1/2021	18:53		200,000	WAC	Human Health Criteria for Consumption for Organism Only; No Benchmark for Aquatic Life	625.1
Dibenzofuran	< 5	ug/l	U	WG1749019	10/1/2021	18:53					625.1
1-Methylnaphthalene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53					625.1
2-Methylnaphthalene	< 0.5	ug/l	U	WG1749019	10/1/2021	18:53					625.1
(S) Nitrobenzene-d5	55	ug/l		WG1749019	10/1/2021	18:53	Estimate.				625.1
(S) 2-Fluorobiphenyl	49.9	ug/l		WG1749019	10/1/2021	18:53	Estimate.				625.1
(S) p-Terphenyl-d14	41.5	ug/l	J2	WG1749019	10/1/2021	18:53	Surrogate recovery limits have been exceeded; values are outside lower control limits. Estimate.				625.1

(S) Phenol-d5	17.3	ug/l		WG1749019	10/1/2021	18:53	Estimate.				625.1
(S) 2-Fluorophenol	25.5	ug/l		WG1749019	10/1/2021	18:53	Estimate.				625.1
(S) 2,4,6-Tribromophenol	48.6	ug/l		WG1749019	10/1/2021	18:53	Estimate.				625.1
Sample Result - 04: Outfall 01 - 741											
Nitrate	225	ug/l		WG1747705	9/28/2021	14:42		680	MSGP		300.00
Nitrite	< 50	ug/l	U	WG1747705	9/28/2021	14:42		680	MSGP		300.00
Spectra Sample Result - 06: Outfall 01 - 741											
Dichlobenil	< 0.10	ug/l	*3	212211-02	10/19/2021	3:51	ITSD response or retention time outside acceptable limits. ND.				525.2