King County

Department of Natural Resources and Parks
Wastewater Treatment Division

April 7, 2017

West Point Treatment Plant Restoration Effluent Priority Pollutant Monitoring Data

This file contains a compilation of King County's influent and effluent water quality monitoring data that is being collected at the West Point wastewater treatment plant. This file contains data for the EPA-designated priority pollutant parameters (i.e., consisting primarily of trace metal and organic compounds). The priority pollutants are normally collected on a quarterly frequency in the West Point influent and effluent, as required by the National Pollutant Discharge Elimination System (NPDES) permit for West Point. While repairs are underway to repair the treatment processes that were damaged in the flooding on February 9th, 2017, King County has collected additional influent and effluent data for priority pollutants more frequently. The attached files contain current monitoring data beginning with the February 2017 monthly reporting period under the NPDES permit, and preliminary partial data collected through March 20, 2017. Additional influent and effluent samples are being collected on a bi-weekly frequency and updates to this data report will be prepared on a periodic basis.

The "Preliminary Draft Data" watermark refers to analyses completed and validated by King County; however, submittal of the final data to Ecology is pending completion of all sampling and analysis within the current monthly reporting period.

If you have questions about this document, contact Jeff Lafer at 206-477-6315, or email him at jeff.lafer@kingcounty.gov.

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421185 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67049-2 Matrix: LB INFLUENT ColDate: 2/28/17 9:25 TimeSpan: 24 **WET Weight Basis**					Project: 421185 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67049-5 Matrix: LC EFFLUENT ColDate: 2/28/17 9:55 TimeSpan: 24 **WET Weight Basis**					Project: 421185 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67049-7 Matrix: LN BLANK WTR ColDate: 2/28/17 0:00 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS						0.45	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS						1.61		0.1	0.5	ug/L					
Barium, Total, ICP-MS						20.1		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS							<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS						0.13	<RDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS						1.83		0.2	1	ug/L					
Copper, Total, ICP-MS						26.5		0.2	2	ug/L					
Lead, Total, ICP-MS						2.95		0.1	0.5	ug/L					
Nickel, Total, ICP-MS						3.65		0.1	0.5	ug/L					
Selenium, Total, ICP-MS							<MDL	0.5	1	ug/L					
Silver, Total, ICP-MS						0.18	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS							<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS						60.3		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0135		0.002	0.005	ug/L	0.0164		0.002	0.005	ug/L		<MDL	0.0002	0.0005	ug/L
CV EPA 420.1															
Total Phenolics	0.049		0.04	0.04	mg/L		<MDL	0.04	0.04	mg/L					
CV SM4500-CN-I,E															
Cyanide, Weak & Dissociable		<MDL	0.002	0.01	mg/L		<MDL	0.002	0.01	mg/L					
OR EPA 1664B															
Hem (oil, total)	8.6	B	1.5	5.2	mg/L	8	B	1.5	5.2	mg/L					
OR EPA 608/SW846 3520C*8082A															
Aroclor 1016							<MDL	0.05	0.2	ug/L					
Aroclor 1221							<MDL	0.2	0.2	ug/L					
Aroclor 1232							<MDL	0.05	0.2	ug/L					
Aroclor 1242							<MDL	0.05	0.2	ug/L					
Aroclor 1248							<MDL	0.05	0.2	ug/L					
Aroclor 1254							<MDL	0.05	0.2	ug/L					
Aroclor 1260							<MDL	0.05	0.2	ug/L					
Total Aroclors							<MDL	0.2	0.2	ug/L					
OR EPA 624/SW846 5030C*8260C															
1,1,1-Trichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2,2-Tetrachloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2-Trichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2-Trichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1-Dichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1-Dichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dibromoethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichloropropane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,3-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,4-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
2-Butanone (MEK)		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
2-Chloroethylvinyl ether		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
2-Hexanone		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
4-Methyl-2-Pentanone (MIBK)		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Acetone	142		2.5	10	ug/L	177		2.5	10	ug/L					
Acrolein		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Acrylonitrile		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Benzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromodichloromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromoform		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromomethane		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Carbon Disulfide		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Carbon Tetrachloride		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chlorodibromomethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chloroform	1.8	<RDL	1	2	ug/L	2.1		1	2	ug/L					
Chloromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Cis-1,3-Dichloropropene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Ethylbenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
M/P Xylenes		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Methylene Chloride		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Methyl-t-butyl Ether (MTBE)		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
O-Xylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Styrene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Tetrachloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Toluene	3.81		1	2	ug/L	1.3	<RDL	1	2	ug/L					
Total Xylenes		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trans-1,2-Dichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trans-1,3-Dichloropropene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trichlorofluoromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Vinyl Acetate		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Vinyl Chloride		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
OR EPA 625/SW846 3520C*8270D															
1,2,4-Trichlorobenzene							<MDL	0.38	0.625	ug/L					
1,2-Diphenylhydrazine							<MDL	1.3	2.5	ug/L					
2,4,6-Trichlorophenol							<MDL	2.5	5	ug/L					
2,4-Dichlorophenol							<MDL	0.63	1.25	ug/L					
2,4-Dimethylphenol							<MDL	0.63	1.25	ug/L					
2,4-Dinitrophenol							<MDL	3.8	6.25	ug/L					
2,4-Dinitrotoluene							<MDL	0.63	2.5	ug/L					
2,6-Dinitrotoluene							<MDL	0.63	2.5	ug/L					
2-Chloronaphthalene							<MDL	0.38	0.625	ug/L					
2-Chlorophenol							<MDL	1.3	2.5	ug/L					
2-Methylnaphthalene							<MDL	1	1.88	ug/L					
2-Methylphenol							<MDL	0.63	1.25	ug/L					
2-Nitrophenol							<MDL	0.63	1.25	ug/L					
3,3'-Dichlorobenzidine							<MDL	2.5	2.5	ug/L					
3-,4-Methylphenol						34.8		0.63	1.25	ug/L					
3-Methylcholanthrene							<MDL	2.5	10	ug/L					

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421185 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67049-2 Matrix: LB INFLUENT ColDate: 2/28/17 9:25 TimeSpan: 24 **WET Weight Basis**					Project: 421185 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67049-5 Matrix: LC EFFLUENT ColDate: 2/28/17 9:55 TimeSpan: 24 **WET Weight Basis**					Project: 421185 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67049-7 Matrix: LN BLANK WTR ColDate: 2/28/17 0:00 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
4,6-Dinitro-O-Cresol							<MDL	2.5	6.25	ug/L					
4-Bromophenyl Phenyl Ether							<MDL	0.25	0.375	ug/L					
4-Chloro-3-Methylphenol							<MDL	1.3	2.5	ug/L					
4-Chlorophenyl Phenyl Ether							<MDL	0.38	0.625	ug/L					
4-Nitrophenol							<MDL	2.5	6.25	ug/L					
Acenaphthene							<MDL	0.25	0.5	ug/L					
Acenaphthylene							<MDL	0.38	0.625	ug/L					
Anthracene							<MDL	0.38	0.625	ug/L					
Benzidine							<MDL,JG	37.5	113	ug/L					
Benzo(a)anthracene							<MDL	0.38	0.625	ug/L					
Benzo(a)pyrene							<MDL	0.63	1.25	ug/L					
Benzo(b,j,k)fluoranthene							<MDL	1	1.88	ug/L					
Benzo(g,h,i)perylene							<MDL	0.63	1.25	ug/L					
Benzo(r,s,t)pentaphene							<MDL,JG	3.1	12.5	ug/L					
Benzoic Acid						103	J	10	10	ug/L					
Benzyl Alcohol						24.1		0.63	1.25	ug/L					
Benzyl Butyl Phthalate							<MDL	0.38	0.625	ug/L					
Bis(2-Chloroethoxy)Methane							<MDL	0.63	1.25	ug/L					
Bis(2-Chloroethyl)Ether							<MDL	0.38	0.625	ug/L					
Bis(2-Chloroisopropyl)Ether							<MDL	1.3	2.5	ug/L					
Bis(2-Ethylhexyl)Phthalate						1.8	<RDL	0.63	2.5	ug/L					
Carbazole							<MDL	0.63	1.25	ug/L					
Chrysene							<MDL	0.38	0.625	ug/L					
Dibenzo(a,e)pyrene							<MDL,JG	3.1	12.5	ug/L					
Dibenzo(a,h)acridine							<MDL	3.1	12.5	ug/L					
Dibenzo(a,h)anthracene							<MDL	1	1.88	ug/L					
Dibenzo(a,h)pyrene							<MDL,JG	3.1	12.5	ug/L					
Dibenzo(a,j)acridine							<MDL	3.1	12.5	ug/L					
Dibenzofuran							<MDL	0.63	1.25	ug/L					
Diethyl Phthalate						1.43		0.63	1.25	ug/L					
Dimethyl Phthalate							<MDL	0.25	0.375	ug/L					
Di-N-Butyl Phthalate							<MDL	0.63	1.25	ug/L					
Di-N-Octyl Phthalate						0.68		0.38	0.625	ug/L					
Fluoranthene							<MDL	0.38	0.75	ug/L					
Fluorene							<MDL	0.38	0.625	ug/L					
Hexachlorobenzene							<MDL	0.38	0.625	ug/L					
Hexachlorobutadiene							<MDL	0.63	1.25	ug/L					
Hexachlorocyclopentadiene							<MDL,JG	2.5	6.25	ug/L					
Hexachloroethane							<MDL	0.63	1.25	ug/L					
Indeno(1,2,3-Cd)Pyrene							<MDL	0.63	1.25	ug/L					
Isophorone							<MDL	0.63	1.25	ug/L					
Naphthalene							<MDL	1	1.88	ug/L					
n-Decane							<MDL	0.38	0.75	ug/L					
Nitrobenzene							<MDL	0.63	1.25	ug/L					
N-Nitrosodimethylamine							<MDL	2.5	3.75	ug/L					
N-Nitrosodi-N-Propylamine							<MDL	0.63	1.25	ug/L					
N-Nitrosodiphenylamine							<MDL	1.3	2.5	ug/L					
n-Octadecane						1.19		0.38	0.75	ug/L					
Pentachlorophenol							<MDL	0.63	1.25	ug/L					
Perylene							<MDL	0.63	1.25	ug/L					
Phenanthrene							<MDL	0.38	0.625	ug/L					
Phenol						7.85		2.5	3.75	ug/L					
Pyrene							<MDL	0.38	0.625	ug/L					
OR SW846 3520C*SW846 8081B															
4,4'-DDD							<MDL	0.01	0.02	ug/L					
4,4'-DDE							<MDL,JG	0.01	0.02	ug/L					
4,4'-DDT							<MDL	0.01	0.02	ug/L					
Aldrin							<MDL	0.01	0.02	ug/L					
Alpha-BHC							<MDL	0.01	0.02	ug/L					
Alpha-Chlordane							<MDL,JG	0.01	0.02	ug/L					
Beta-BHC							<MDL	0.01	0.02	ug/L					
Delta-BHC							<MDL	0.01	0.02	ug/L					
Dieldrin							<MDL	0.01	0.02	ug/L					
Endosulfan I							<MDL	0.01	0.02	ug/L					
Endosulfan II							<MDL	0.01	0.02	ug/L					
Endosulfan Sulfate							<MDL	0.01	0.02	ug/L					
Endrin							<MDL	0.01	0.02	ug/L					
Endrin Aldehyde							<MDL	0.01	0.02	ug/L					
Gamma-BHC (Lindane)							<MDL	0.01	0.02	ug/L					
Heptachlor							<MDL	0.01	0.02	ug/L					
Heptachlor Epoxide							<MDL	0.01	0.02	ug/L					
Methoxychlor							<MDL	0.05	0.1	ug/L					
Toxaphene							<MDL	0.2	1	ug/L					
trans-Chlordane							<MDL,JG	0.01	0.02	ug/L					

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67226-1 Matrix: LB INFLUENT ColDate: 3/6/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67226-3 Matrix: LC EFFLUENT ColDate: 3/6/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L672276-5 Matrix: LN BLANK WTR ColDate: 3/7/17 0:00 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS	0.38	<RDL	0.3	1	ug/L	0.39	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.74		0.1	0.5	ug/L	1.69		0.1	0.5	ug/L					
Barium, Total, ICP-MS	21.7		0.5	0.5	ug/L	19.1		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS		<MDL	0.1	0.5	ug/L		<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS	0.22	<RDL	0.05	0.25	ug/L	0.18	<RDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	1.96		0.2	1	ug/L	1.76		0.2	1	ug/L					
Copper, Total, ICP-MS	37		0.2	2	ug/L	32.9		0.2	2	ug/L					
Lead, Total, ICP-MS	2.98		0.1	0.5	ug/L	2.32		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	3.83		0.1	0.5	ug/L	3.81		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	0.71	<RDL	0.5	1	ug/L	0.71	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.19	<RDL	0.04	0.2	ug/L	0.16	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS		<MDL	0.1	0.2	ug/L		<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS	76		0.5	2.5	ug/L	66.1		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0115		0.001	0.003	ug/L	0.0137		0.001	0.003	ug/L		<MDL	0.0002	0.0005	ug/L

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67271-1 Matrix: LB INFLUENT ColDate: 3/8/17 8:41 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67271-5 Matrix: LC EFFLUENT ColDate: 3/8/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67227-5 Matrix: LN BLANK WTR ColDate: 3/9/17 0:00 TimeSpan: 24 **WET Weight Basis**					
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS	0.52	<RDL	0.3	1	ug/L	0.52	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.85		0.1	0.5	ug/L	1.85		0.1	0.5	ug/L					
Barium, Total, ICP-MS	22.7		0.5	0.5	ug/L	22.7		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS		<MDL	0.1	0.5	ug/L		<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS	0.19	<RDL	0.05	0.25	ug/L	0.19	<RDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	2.41		0.2	1	ug/L	2.41		0.2	1	ug/L					
Copper, Total, ICP-MS	34.8		0.2	2	ug/L	34.8		0.2	2	ug/L					
Lead, Total, ICP-MS	4.3		0.1	0.5	ug/L	4.3		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	4.19		0.1	0.5	ug/L	4.19		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	0.68	<RDL	0.5	1	ug/L	0.68	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.18	<RDL	0.04	0.2	ug/L	0.18	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS		<MDL	0.1	0.2	ug/L		<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS	89.8		0.5	2.5	ug/L	89.8		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0117		0.001	0.003	ug/L	0.0131		0.001	0.003	ug/L		<MDL	0.0002	0.0005	ug/L
CV EPA 420.1															
Total Phenolics	0.057		0.04	0.04	mg/L		<MDL	0.039	0.039	mg/L					
CV SM4500-CN-I,E															
Cyanide, Weak & Dissociable		<MDL	0.002	0.01	mg/L		<MDL	0.002	0.01	mg/L					
OR EPA 1664B															
Hem (oil, total)	12.2		1.4	5.2	mg/L	9.3		1.4	5.1	mg/L					
OR EPA 608/SW846 3520C*8082A															
Aroclor 1016		<MDL	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1221		<MDL	0.3	0.3	ug/L		<MDL	0.2	0.2	ug/L					
Aroclor 1232		<MDL	0.05	0.2	ug/L		<MDL	0.2	0.2	ug/L					
Aroclor 1242		<MDL	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1248		<MDL	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1254		<MDL	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1260		<MDL	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Total Aroclors		<MDL	0.3	0.3	ug/L		<MDL	0.2	0.2	ug/L					
OR EPA 624/SW846 5030C*8260C															
1,1,1-Trichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2,2-Tetrachloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2-Trichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1,2-Trichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1-Dichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,1-Dichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dibromoethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,2-Dichloropropane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,3-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
1,4-Dichlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
2-Butanone (MEK)	13.2		5	10	ug/L	7.4	<RDL	5	10	ug/L					
2-Chloroethylvinyl ether		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
2-Hexanone		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
4-Methyl-2-Pentanone (MIBK)		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Acetone	136		2.5	10	ug/L	143		2.5	10	ug/L					
Acrolein		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Acrylonitrile		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Benzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromodichloromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromoform		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Bromomethane		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Carbon Disulfide		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Carbon Tetrachloride		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chlorobenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chlorodibromomethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chloroethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Chloroform	1.7	<RDL	1	2	ug/L	2.01		1	2	ug/L					
Chloromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Cis-1,3-Dichloropropene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Ethylbenzene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
M/P Xylenes		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Methylene Chloride		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Methyl-t-butyl Ether (MTBE)		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
O-Xylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Styrene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Tetrachloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Toluene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Total Xylenes		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trans-1,2-Dichloroethylene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trans-1,3-Dichloropropene		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Trichlorofluoromethane		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
Vinyl Acetate		<MDL	5	10	ug/L		<MDL	5	10	ug/L					
Vinyl Chloride		<MDL	1	2	ug/L		<MDL	1	2	ug/L					
OR EPA 625/SW846 3520C*8270D															
1,2,4-Trichlorobenzene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
1,2-Diphenylhydrazine		<MDL	0.94	1.89	ug/L		<MDL	1.3	2.5	ug/L					
2,4,6-Trichlorophenol		<MDL	1.9	3.77	ug/L		<MDL	2.5	5	ug/L					
2,4-Dichlorophenol		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
2,4-Dimethylphenol		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
2,4-Dinitrophenol		<MDL	2.8	4.72	ug/L		<MDL	3.8	6.25	ug/L					
2,4-Dinitrotoluene		<MDL	0.47	1.89	ug/L		<MDL	0.63	2.5	ug/L					
2,6-Dinitrotoluene		<MDL	0.47	1.89	ug/L		<MDL	0.63	2.5	ug/L					
2-Chloronaphthalene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
2-Chlorophenol		<MDL	0.94	1.89	ug/L		<MDL	1.3	2.5	ug/L					
2-Methylnaphthalene		<MDL	0.75	1.42	ug/L		<MDL	1	1.88	ug/L					
2-Methylphenol		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
2-Nitrophenol		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67271-1 Matrix: LB INFLUENT ColDate: 3/8/17 8:41 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67271-5 Matrix: LC EFFLUENT ColDate: 3/8/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67227-5 Matrix: LN BLANK WTR ColDate: 3/9/17 0:00 TimeSpan: 24 **WET Weight Basis**					
Parameters	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
3,3'-Dichlorobenzidine		<MDL	1.89	1.89	ug/L		<MDL	2.5	2.5	ug/L					
3-,4-Methylphenol	31		0.47	0.943	ug/L	33		0.63	1.25	ug/L					
3-Methylcholanthrene		<MDL	1.9	7.55	ug/L		<MDL	2.5	10	ug/L					
4,6-Dinitro-O-Cresol		<MDL	1.9	4.72	ug/L		<MDL	2.5	6.25	ug/L					
4-Bromophenyl Phenyl Ether		<MDL	0.19	0.283	ug/L		<MDL	0.25	0.375	ug/L					
4-Chloro-3-Methylphenol		<MDL	0.94	1.89	ug/L		<MDL	1.3	2.5	ug/L					
4-Chlorophenyl Phenyl Ether		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
4-Nitrophenol		<MDL,JG	1.9	4.72	ug/L		<MDL,JG	2.5	6.25	ug/L					
Acenaphthene		<MDL	0.19	0.377	ug/L		<MDL	0.25	0.5	ug/L					
Acenaphthylene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Anthracene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Benzidine		<MDL,JG	28.3	84.9	ug/L		<MDL,JG	37.5	113	ug/L					
Benzo(a)anthracene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Benzo(a)pyrene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Benzo(b,j,k)fluoranthene		<MDL	0.75	1.42	ug/L		<MDL	1	1.88	ug/L					
Benzo(g,h,i)perylene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Benzo(r,s,t)pentaphene		<MDL,JG	2.4	9.43	ug/L		<MDL,JG	3.1	12.5	ug/L					
Benzoic Acid	52		7.55	7.55	ug/L	88.5		10	10	ug/L					
Benzyl Alcohol	42.7	B	0.47	0.943	ug/L	37.7	B	0.63	1.25	ug/L					
Benzyl Butyl Phthalate		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Bis(2-Chloroethoxy)Methane		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Bis(2-Chloroethyl)Ether		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Bis(2-Chloroisopropyl)Ether		<MDL	0.94	1.89	ug/L		<MDL	1.3	2.5	ug/L					
Bis(2-Ethylhexyl)Phthalate	5.81		0.47	1.89	ug/L	1.1	<RDL	0.63	2.5	ug/L					
Carbazole		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Chrysene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Dibenzo(a,e)pyrene		<MDL,JG	2.4	9.43	ug/L		<MDL,JG	3.1	12.5	ug/L					
Dibenzo(a,h)acridine		<MDL	2.4	9.43	ug/L		<MDL	3.1	12.5	ug/L					
Dibenzo(a,h)anthracene		<MDL	0.75	1.42	ug/L		<MDL	1	1.88	ug/L					
Dibenzo(a,h)pyrene		<MDL,JG	2.4	9.43	ug/L		<MDL,JG	3.1	12.5	ug/L					
Dibenzo(a,j)acridine		<MDL	2.4	9.43	ug/L		<MDL	3.1	12.5	ug/L					
Dibenzofuran		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Diethyl Phthalate	1.43	B	0.47	0.943	ug/L	1.56	B	0.63	1.25	ug/L					
Dimethyl Phthalate		<MDL	0.19	0.283	ug/L		<MDL	0.25	0.375	ug/L					
Di-N-Butyl Phthalate		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Di-N-Octyl Phthalate		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Fluoranthene		<MDL	0.28	0.566	ug/L		<MDL	0.38	0.75	ug/L					
Fluorene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Hexachlorobenzene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Hexachlorobutadiene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Hexachlorocyclopentadiene		<MDL,JG	1.9	4.72	ug/L		<MDL,JG	2.5	6.25	ug/L					
Hexachloroethane		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Indeno(1,2,3-Cd)Pyrene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Isophorone		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Naphthalene		<MDL	0.75	1.42	ug/L		<MDL	1	1.88	ug/L					
n-Decane		<MDL	0.28	0.566	ug/L		<MDL	0.38	0.75	ug/L					
Nitrobenzene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
N-Nitrosodimethylamine		<MDL	1.9	2.83	ug/L		<MDL	2.5	3.75	ug/L					
N-Nitrosodi-N-Propylamine		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
N-Nitrosodiphenylamine		<MDL	0.94	1.89	ug/L		<MDL	1.3	2.5	ug/L					
n-Octadecane		<MDL	0.28	0.566	ug/L	0.67	<RDL	0.38	0.75	ug/L					
Pentachlorophenol		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Perylene		<MDL	0.47	0.943	ug/L		<MDL	0.63	1.25	ug/L					
Phenanthrene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
Phenol	7.39		1.9	2.83	ug/L	6.56		2.5	3.75	ug/L					
Pyrene		<MDL	0.28	0.472	ug/L		<MDL	0.38	0.625	ug/L					
OR SW846 3520C*SW846 8081B															
4,4'-DDD		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
4,4'-DDE		<MDL	0.01	0.02	ug/L		<MDL,JG	0.01	0.02	ug/L					
4,4'-DDT		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Aldrin		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Alpha-BHC		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Alpha-Chlordane		<MDL	0.01	0.02	ug/L		<MDL,JG	0.01	0.02	ug/L					
Beta-BHC		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Delta-BHC		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Dieldrin		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Endosulfan I		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Endosulfan II		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Endosulfan Sulfate		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Endrin		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Endrin Aldehyde		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Gamma-BHC (Lindane)		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Heptachlor		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Heptachlor Epoxide		<MDL	0.01	0.02	ug/L		<MDL	0.01	0.02	ug/L					
Methoxychlor		<MDL	0.05	0.1	ug/L		<MDL	0.05	0.1	ug/L					
Toxaphene		<MDL	0.2	1	ug/L		<MDL	0.2	1	ug/L					
trans-Chlordane		<MDL	0.01	0.02	ug/L		<MDL,JG	0.01	0.02	ug/L					

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67228-1 Matrix: LB INFLUENT ColDate: 3/13/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67228-3 Matrix: LC EFFLUENT ColDate: 3/13/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67228-5 Matrix: LN BLANK WTR ColDate: 3/14/17 0:00 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS	0.84	<RDL	0.3	1	ug/L	0.84	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	2.06		0.1	0.5	ug/L	2.03		0.1	0.5	ug/L					
Barium, Total, ICP-MS	24.6		0.5	0.5	ug/L	22.9		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS		<MDL	0.1	0.5	ug/L		<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS	0.14	<RDL	0.05	0.25	ug/L	0.14	<RDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	3.04		0.2	1	ug/L	3.41		0.2	1	ug/L					
Copper, Total, ICP-MS	27.6		0.2	2	ug/L	28.1		0.2	2	ug/L					
Lead, Total, ICP-MS	13.1		0.1	0.5	ug/L	6.69		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	4.09		0.1	0.5	ug/L	4.2		0.1	0.5	ug/L					
Selenium, Total, ICP-MS		<MDL	0.5	1	ug/L		<MDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.2	<RDL	0.04	0.2	ug/L	0.16	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS		<MDL	0.1	0.2	ug/L		<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS	85.7		0.5	2.5	ug/L	81		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0145		0.001	0.003	ug/L	0.0143		0.001	0.003	ug/L		<MDL	0.0002	0.0005	ug/L

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67229-1 Matrix: LB INFLUENT ColDate: 3/15/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67229-3 Matrix: LC EFFLUENT ColDate: 3/15/17 0:00 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67229-5 Matrix: LN BLANK WTR ColDate: 3/16/17 0:00 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS	0.67	<RDL	0.3	1	ug/L	0.65	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.89		0.1	0.5	ug/L	1.92		0.1	0.5	ug/L					
Barium, Total, ICP-MS	19.1		0.5	0.5	ug/L	18.7		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS		<MDL	0.1	0.5	ug/L		<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS	0.095	<RDL	0.05	0.25	ug/L	0.1	<RDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	2.24		0.2	1	ug/L	2.32		0.2	1	ug/L					
Copper, Total, ICP-MS	21.1		0.2	2	ug/L	21.5		0.2	2	ug/L					
Lead, Total, ICP-MS	4.96		0.1	0.5	ug/L	5.26		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	3.44		0.1	0.5	ug/L	3.67		0.1	0.5	ug/L					
Selenium, Total, ICP-MS		<MDL	0.5	1	ug/L		<MDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.12	<RDL	0.04	0.2	ug/L	0.092	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS		<MDL	0.1	0.2	ug/L		<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS	59.6		0.5	2.5	ug/L	58.9		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0141		0.001	0.003	ug/L	0.0109		0.001	0.003	ug/L		<MDL	0.0002	0.0005	ug/L

PRELIMINARY DRAFT DATA

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project: 421093-100 Locator: S4001 Descrip: WEST POINT STP/DIV Sample: L67351-1 Matrix: LB INFLUENT ColDate: 3/20/17 9:49 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: FESD01 Descrip: WP FINAL EFFLUENT Sample: L67351-3 Matrix: LC EFFLUENT ColDate: 3/20/17 10:04 TimeSpan: 24 **WET Weight Basis**					Project: 421093-100 Locator: ATMOSBLANK Descrip: ATMOSPHERE BLANK Sample: L67351-5 Matrix: LN BLANK WTR ColDate: 3/21/17 9:39 TimeSpan: 24 **WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	
MT EPA 200.8*SW846 6020A															
Antimony, Total, ICP-MS	0.48	<RDL	0.3	1	ug/L	0.45	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.58		0.1	0.5	ug/L	1.66		0.1	0.5	ug/L					
Barium, Total, ICP-MS	19		0.5	0.5	ug/L	20.4		0.5	0.5	ug/L					
Beryllium, Total, ICP-MS		<MDL	0.1	0.5	ug/L		<MDL	0.1	0.5	ug/L					
Cadmium, Total, ICP-MS	0.22	<RDL	0.05	0.25	ug/L	0.285		0.05	0.25	ug/L					
Chromium, Total, ICP-MS	1.64		0.2	1	ug/L	1.8		0.2	1	ug/L					
Copper, Total, ICP-MS	26.3		0.2	2	ug/L	28.6		0.2	2	ug/L					
Lead, Total, ICP-MS	2.47		0.1	0.5	ug/L	3.1		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	3.75		0.1	0.5	ug/L	3.9		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	0.67	<RDL	0.5	1	ug/L	0.78	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.16	<RDL	0.04	0.2	ug/L	0.18	<RDL	0.04	0.2	ug/L					
Thallium, Total, ICP-MS		<MDL	0.1	0.2	ug/L		<MDL	0.1	0.2	ug/L					
Zinc, Total, ICP-MS	61.8		0.5	2.5	ug/L	66.2		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0156		0.002	0.005	ug/L	0.0154		0.002	0.005	ug/L		<MDL	0.0002	0.0005	ug/L

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