West Point Treatment Plant Restoration
Effluent Priority Pollutant Monitoring Data (as of 6/5/17 data)

June 23, 2017

This file contains King County's influent and effluent water quality monitoring data that is being collected at the West Point wastewater treatment plant. While repairs have been underway to repair the treatment processes that were damaged in the flooding on February 9th, 2017, King County has collected additional 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. These data are used primarily to evaluate the effects of the effluent discharged to Puget Sound from the outfall pipe relative to Washington's marine water quality criteria for the protection of aquatic organisms.

Additional influent and effluent samples have been collected on a bi-weekly frequency while repairs to West Point were underway. As of May 10th, repairs at West Point were completed to ensure that quality of secondary treated effluent will consistently meet all permit requirements for the conventional parameters that can affect priority pollutant concentrations (e.g., suspended solids). Data collected over the most recent four weeks of sampling events (May 10th, May 22nd, and June 5th) indicate that measured concentrations of the priority pollutants are at normal levels and stable, and routine monitoring of priority pollutants will resume to a once-per-quarter frequency as specified in the NPDES permit.

The attached file contains the final data for influent and effluent samples that were collected on May 10th and May 22nd, and the available partial data for samples collected on June 5th. 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:	421093-100				Project:	421093-100				Project:	421093-100			
	Locator:	S4001				Locator:	FESD01				Locator:	ATMOSBLANK			
	Descrip:	WEST POINT STP/DIV				Descrip:	WP FINAL EFFLUENT				Descrip:	ATMOSPHERE BLANK			
	Sample:	L67898				Sample:	L67898				Sample:	L67898			
	Matrix:	LB INFLUENT				Matrix:	LC EFFLUENT				Matrix:	LN BLANK WTR			
	ColDate:	6/5/17 9:13				ColDate:	6/5/17 9:25				ColDate:	6/5/17 9:35			
	TimeSpan:	24				TimeSpan:	24				TimeSpan:	24			
	WET Weight Basis					**WET Weight Basis**					**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	0.47	<RDL	0.3	1	ug/L	0.32	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.86		0.05	0.25	ug/L	1.47		0.05	0.25	ug/L					
Barium, Total, ICP-MS	23.8		0.5	0.5	ug/L	9.79		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	0.23	<RDL	0.05	0.25	ug/L		<MDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	2.71		0.2	1	ug/L	0.63	<RDL	0.2	1	ug/L					
Copper, Total, ICP-MS	47.2		0.2	2	ug/L	10.7		0.2	2	ug/L					
Lead, Total, ICP-MS	4.02		0.1	0.5	ug/L	0.556		0.1	0.5	ug/L					
Nickel, Total, ICP-MS	3.81		0.1	0.5	ug/L	2.53		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	1.15		0.5	1	ug/L	0.56	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.287		0.04	0.2	ug/L	0.049	<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	112		0.5	2.5	ug/L	39		0.5	2.5	ug/L					

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project:	421093-100				Project:	421093-100				Project:	421093-100			
	Locator:	S4001				Locator:	FESD01				Locator:	ATMOSBLANK			
	Descrip:	WEST POINT STP/DIV				Descrip:	WP FINAL EFFLUENT				Descrip:	ATMOSPHERE BLANK			
	Sample:	L67779				Sample:	L67779				Sample:	L67779			
	Matrix:	LB INFLUENT				Matrix:	LC EFFLUENT				Matrix:	LN BLANK WTR			
	ColDate:	5/22/17 9:46				ColDate:	5/22/17 10:09				ColDate:	5/22/17 10:13			
	TimeSpan:	24				TimeSpan:	24				TimeSpan:	24			
	WET Weight Basis					**WET Weight Basis**					**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	0.49	<RDL	0.3	1	ug/L	0.31	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	1.87		0.05	0.25	ug/L	1.42		0.05	0.25	ug/L					
Barium, Total, ICP-MS	25.1		0.5	0.5	ug/L	9.03		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		<MDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	3.21		0.2	1	ug/L	0.81	<RDL	0.2	1	ug/L					
Copper, Total, ICP-MS	45.5		0.2	2	ug/L	12.9		0.2	2	ug/L					
Lead, Total, ICP-MS	4.26		0.1	0.5	ug/L	0.35	<RDL	0.1	0.5	ug/L					
Nickel, Total, ICP-MS	4.29		0.1	0.5	ug/L	2.62		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	1.05		0.5	1	ug/L	0.55	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.347		0.04	0.2	ug/L	0.055	<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	110		0.5	2.5	ug/L	39.1		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0186		0.001	0.003	ug/L	0.00348		0.001	0.003	ug/L		<MDL	0.0002	0.0005	ug/L
CV EPA 420.1															
Total Phenolics	0.072		0.04	0.04	mg/L		<MDL	0.041	0.041	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)	17.5	B3	1.4	5.1	mg/L	2.6	<RDL,B	1.5	5.2	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	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1232		<MDL	0.05	0.2	ug/L		<MDL	0.05	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	0.05	0.2	ug/L		<MDL	0.05	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)	5.7	<RDL	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	156		2.5	10	ug/L	8.9	<RDL	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	1.3	<RDL	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	2.99		1	2	ug/L	1.4	<RDL	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	2.35		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	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
1,2-Diphenylhydrazine		<MDL	4.7	9.43	ug/L		<MDL	0.25	0.5	ug/L					
2,4,6-Trichlorophenol		<MDL	9.4	18.9	ug/L		<MDL	0.5	1	ug/L					
2,4-Dichlorophenol		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
2,4-Dimethylphenol		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
2,4-Dinitrophenol		<MDL	14	23.6	ug/L		<MDL	0.75	1.25	ug/L					
2,4-Dinitrotoluene		<MDL	2.4	9.43	ug/L		<MDL	0.13	0.5	ug/L					
2,6-Dinitrotoluene		<MDL	2.4	9.43	ug/L		<MDL	0.13	0.5	ug/L					
2-Chloronaphthalene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
2-Chlorophenol		<MDL	4.7	9.43	ug/L		<MDL	0.25	0.5	ug/L					
2-Methylnaphthalene		<MDL	3.8	7.08	ug/L		<MDL	0.2	0.375	ug/L					
2-Methylphenol		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
2-Nitrophenol		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
3,3'-Dichlorobenzidine		<MDL,JG	9.43	9.43	ug/L		<MDL,JG	0.5	0.5	ug/L					
3-,4-Methylphenol	31.3		2.4	4.72	ug/L	1.33		0.13	0.25	ug/L					
3-Methylcholanthrene		<MDL	9.4	37.7	ug/L		<MDL	0.5	2	ug/L					

	West Point - Influent					West Point - Effluent					Sample Blank				
Project:	421093-100					421093-100					421093-100				
Locator:	S4001					FESD01					ATMOSBLANK				
Descrip:	WEST POINT STP/DIV					WP FINAL EFFLUENT					ATMOSPHERE BLANK				
Sample:	L67779					L67779					L67779				
Matrix:	LB INFLUENT					LC EFFLUENT					LN BLANK WTR				
ColDate:	5/22/17 9:46					5/22/17 10:09					5/22/17 10:13				
TimeSpan:	24					24					24				
WET Weight Basis						**WET Weight Basis**					**WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
4,6-Dinitro-O-Cresol		<MDL	9.4	23.6	ug/L		<MDL	0.5	1.25	ug/L					
4-Bromophenyl Phenyl Ether		<MDL	0.94	1.42	ug/L		<MDL	0.05	0.075	ug/L					
4-Chloro-3-Methylphenol		<MDL	4.7	9.43	ug/L		<MDL	0.25	0.5	ug/L					
4-Chlorophenyl Phenyl Ether		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
4-Nitrophenol		<MDL	9.4	23.6	ug/L		<MDL	0.5	1.25	ug/L					
Acenaphthene		<MDL	0.94	1.89	ug/L		<MDL	0.05	0.1	ug/L					
Acenaphthylene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Anthracene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Benzidine		<MDL,JG	142	425	ug/L		<MDL,JG	7.5	22.5	ug/L					
Benzo(a)anthracene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Benzo(a)pyrene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Benzo(b,j,k)fluoranthene		<MDL	3.8	7.08	ug/L		<MDL	0.2	0.375	ug/L					
Benzo(g,h,i)perylene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Benzo(r,s,t)pentaphene		<MDL,JG	12	47.2	ug/L		<MDL,JG	0.63	2.5	ug/L					
Benzoic Acid	51.1		37.7	37.7	ug/L		<MDL	2	2	ug/L					
Benzyl Alcohol	40.7		2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Benzyl Butyl Phthalate		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Bis(2-Chloroethoxy)Methane		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Bis(2-Chloroethyl)Ether		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Bis(2-Chloroisopropyl)Ether		<MDL	4.7	9.43	ug/L		<MDL	0.25	0.5	ug/L					
Bis(2-Ethylhexyl)Phthalate	4.7	<RDL	2.4	9.43	ug/L	0.626		0.13	0.5	ug/L					
Carbazole		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Chrysene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Dibenzo(a,e)pyrene		<MDL	12	47.2	ug/L		<MDL	0.63	2.5	ug/L					
Dibenzo(a,h)acridine		<MDL	12	47.2	ug/L		<MDL	0.63	2.5	ug/L					
Dibenzo(a,h)anthracene		<MDL	3.8	7.08	ug/L		<MDL	0.2	0.375	ug/L					
Dibenzo(a,h)pyrene		<MDL,JG	12	47.2	ug/L		<MDL,JG	0.63	2.5	ug/L					
Dibenzo(a,j)acridine		<MDL	12	47.2	ug/L		<MDL	0.63	2.5	ug/L					
Dibenzofuran		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Diethyl Phthalate	2.5	<RDL,B	2.4	4.72	ug/L	1.05	B	0.13	0.25	ug/L					
Dimethyl Phthalate		<MDL	0.94	1.42	ug/L		<MDL	0.05	0.075	ug/L					
Di-N-Butyl Phthalate		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Di-N-Octyl Phthalate		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Fluoranthene		<MDL	1.4	2.83	ug/L		<MDL	0.075	0.15	ug/L					
Fluorene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Hexachlorobenzene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Hexachlorobutadiene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Hexachlorocyclopentadiene		<MDL,JG	9.4	23.6	ug/L		<MDL,JG	0.5	1.25	ug/L					
Hexachloroethane		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Indeno(1,2,3-Cd)Pyrene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Isophorone		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Naphthalene		<MDL	3.8	7.08	ug/L		<MDL	0.2	0.375	ug/L					
n-Decane		<MDL	1.4	2.83	ug/L		<MDL	0.075	0.15	ug/L					
Nitrobenzene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
N-Nitrosodimethylamine		<MDL	9.4	14.2	ug/L		<MDL	0.5	0.75	ug/L					
N-Nitrosodi-N-Propylamine		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
N-Nitrosodiphenylamine		<MDL	4.7	9.43	ug/L		<MDL	0.25	0.5	ug/L					
n-Octadecane	1.9	<RDL	1.4	2.83	ug/L		<MDL	0.075	0.15	ug/L					
Pentachlorophenol		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Perylene		<MDL	2.4	4.72	ug/L		<MDL	0.13	0.25	ug/L					
Phenanthrene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	ug/L					
Phenol	12	<RDL	9.4	14.2	ug/L		<MDL	0.5	0.75	ug/L					
Pyrene		<MDL	1.4	2.36	ug/L		<MDL	0.075	0.125	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	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	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	0.01	0.02	ug/L					

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project:	421093-100				Project:	421093-100				Project:	421093-100			
	Locator:	S4001				Locator:	FESD01				Locator:	ATMOSBLANK			
	Descrip:	WEST POINT STP/DIV				Descrip:	WP FINAL EFFLUENT				Descrip:	ATMOSPHERE BLANK			
	Sample:	L67682				Sample:	L67682				Sample:	L67682			
	Matrix:	LB INFLUENT				Matrix:	LC EFFLUENT				Matrix:	LN BLANK WTR			
	ColDate:	5/10/17 9:39				ColDate:	5/10/17 10:08				ColDate:	5/10/17 10:10			
	TimeSpan:	24				TimeSpan:	24				TimeSpan:	24			
	WET Weight Basis					**WET Weight Basis**					**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	0.54	<RDL	0.3	1	ug/L	0.3	<RDL	0.3	1	ug/L					
Arsenic, Total, ICP-MS	2.12		0.1	0.5	ug/L	1.41		0.1	0.5	ug/L					
Barium, Total, ICP-MS	27.2		0.5	0.5	ug/L	8.79		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	0.23	<RDL	0.05	0.25	ug/L		<MDL	0.05	0.25	ug/L					
Chromium, Total, ICP-MS	3		0.2	1	ug/L	0.5	<RDL	0.2	1	ug/L					
Copper, Total, ICP-MS	51.7		0.2	2	ug/L	12		0.2	2	ug/L					
Lead, Total, ICP-MS	5.91		0.1	0.5	ug/L	0.4	<RDL	0.1	0.5	ug/L					
Nickel, Total, ICP-MS	4.34		0.1	0.5	ug/L	2.6		0.1	0.5	ug/L					
Selenium, Total, ICP-MS	1.1		0.5	1	ug/L	0.76	<RDL	0.5	1	ug/L					
Silver, Total, ICP-MS	0.357		0.04	0.2	ug/L	0.041	<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	117		0.5	2.5	ug/L	34.7		0.5	2.5	ug/L					
MT EPA 1631E															
Mercury, Total, CVAF	0.0386		0.001	0.003	ug/L	0.00404		0.0002	0.0005	ug/L		<MDL	0.0002	0.0005	ug/L
CV EPA 420.1															
Total Phenolics		<MDL	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	0.002	<RDL	0.002	0.01	mg/L					
OR EPA 1664B															
Hem (oil, total)	23.1		1.4	5.2	mg/L	1.8	<RDL,B	1.5	5.2	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	0.05	0.2	ug/L		<MDL	0.05	0.2	ug/L					
Aroclor 1232		<MDL	0.05	0.2	ug/L		<MDL	0.05	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	0.05	0.2	ug/L		<MDL	0.05	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	112		2.5	10	ug/L	3.3	<RDL	2.5	10	ug/L					
Acrolein		<MDL,H	5	10	ug/L		<MDL,H	5	10	ug/L					
Acrylonitrile		<MDL,H	1	2	ug/L		<MDL,H	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	2.25		1	2	ug/L	1.5	<RDL	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	1.4	<RDL	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	0.075	0.125	ug/L					
1,2-Diphenylhydrazine		<MDL	0.94	1.89	ug/L		<MDL	0.25	0.5	ug/L					
2,4,6-Trichlorophenol		<MDL	1.9	3.77	ug/L		<MDL	0.5	1	ug/L					
2,4-Dichlorophenol		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
2,4-Dimethylphenol		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
2,4-Dinitrophenol		<MDL	2.8	4.72	ug/L		<MDL	0.75	1.25	ug/L					
2,4-Dinitrotoluene		<MDL	0.47	1.89	ug/L		<MDL	0.13	0.5	ug/L					
2,6-Dinitrotoluene		<MDL	0.47	1.89	ug/L		<MDL	0.13	0.5	ug/L					
2-Chloronaphthalene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
2-Chlorophenol		<MDL	0.94	1.89	ug/L		<MDL	0.25	0.5	ug/L					
2-Methylnaphthalene		<MDL	0.75	1.42	ug/L		<MDL	0.2	0.375	ug/L					
2-Methylphenol		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
2-Nitrophenol		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
3,3'-Dichlorobenzidine		<MDL,JG	1.89	1.89	ug/L		<MDL,JG	0.5	0.5	ug/L					
3-,4-Methylphenol	14.2		0.47	0.943	ug/L	1.42	J	0.13	0.25	ug/L					
3-Methylcholanthrene		<MDL	1.9	7.55	ug/L		<MDL,J	0.5	2	ug/L					
4,6-Dinitro-O-Cresol		<MDL	1.9	4.72	ug/L		<MDL	0.5	1.25	ug/L					
4-Bromophenyl Phenyl Ether		<MDL	0.19	0.283	ug/L		<MDL	0.05	0.075	ug/L					

	West Point - Influent					West Point - Effluent					Sample Blank				
	Project:	421093-100				Project:	421093-100				Project:	421093-100			
	Locator:	S4001				Locator:	FESD01				Locator:	ATMOSBLANK			
	Descrip:	WEST POINT STP/DIV				Descrip:	WP FINAL EFFLUENT				Descrip:	ATMOSPHERE BLANK			
	Sample:	L67682				Sample:	L67682				Sample:	L67682			
	Matrix:	LB INFLUENT				Matrix:	LC EFFLUENT				Matrix:	LN BLANK WTR			
	ColDate:	5/10/17 9:39				ColDate:	5/10/17 10:08				ColDate:	5/10/17 10:10			
	TimeSpan:	24				TimeSpan:	24				TimeSpan:	24			
	WET Weight Basis					**WET Weight Basis**					**WET Weight Basis**				
Parameters	**Value**		**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**	**Value**	**Qual**	**MDL**	**RDL**	**Units**
4-Chloro-3-Methylphenol		<MDL	0.94	1.89	ug/L		<MDL,J	0.25	0.5	ug/L					
4-Chlorophenyl Phenyl Ether		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
4-Nitrophenol		<MDL	1.9	4.72	ug/L		<MDL	0.5	1.25	ug/L					
Acenaphthene		<MDL	0.19	0.377	ug/L		<MDL	0.05	0.1	ug/L					
Acenaphthylene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Anthracene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Benzidine		<MDL,JG	28.3	84.9	ug/L		<MDL,JG	7.5	22.5	ug/L					
Benzo(a)anthracene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Benzo(a)pyrene		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
Benzo(b,j,k)fluoranthene		<MDL	0.75	1.42	ug/L		<MDL	0.2	0.375	ug/L					
Benzo(g,h,i)perylene		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Benzo(r,s,t)pentaphene		<MDL	2.4	9.43	ug/L		<MDL,J	0.63	2.5	ug/L					
Benzoic Acid	47.7		7.55	7.55	ug/L		<MDL	2	2	ug/L					
Benzyl Alcohol	28.3		0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Benzyl Butyl Phthalate		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Bis(2-Chloroethoxy)Methane		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Bis(2-Chloroethyl)Ether		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Bis(2-Chloroisopropyl)Ether		<MDL	0.94	1.89	ug/L		<MDL	0.25	0.5	ug/L					
Bis(2-Ethylhexyl)Phthalate	2.86		0.47	1.89	ug/L	0.45	<RDL	0.13	0.5	ug/L					
Carbazole		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
Chrysene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Dibenzo(a,e)pyrene		<MDL	2.4	9.43	ug/L		<MDL	0.63	2.5	ug/L					
Dibenzo(a,h)acridine		<MDL	2.4	9.43	ug/L		<MDL,J	0.63	2.5	ug/L					
Dibenzo(a,h)anthracene		<MDL	0.75	1.42	ug/L		<MDL	0.2	0.375	ug/L					
Dibenzo(a,h)pyrene		<MDL	2.4	9.43	ug/L		<MDL,J	0.63	2.5	ug/L					
Dibenzo(a,j)acridine		<MDL	2.4	9.43	ug/L		<MDL	0.63	2.5	ug/L					
Dibenzofuran		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Diethyl Phthalate	2.08		0.47	0.943	ug/L	0.378		0.13	0.25	ug/L					
Dimethyl Phthalate		<MDL	0.19	0.283	ug/L		<MDL	0.05	0.075	ug/L					
Di-N-Butyl Phthalate		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Di-N-Octyl Phthalate		<MDL	0.28	0.472	ug/L		<MDL,J	0.075	0.125	ug/L					
Fluoranthene		<MDL	0.28	0.566	ug/L		<MDL	0.075	0.15	ug/L					
Fluorene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Hexachlorobenzene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Hexachlorobutadiene		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Hexachlorocyclopentadiene		<MDL	1.9	4.72	ug/L		<MDL,J	0.5	1.25	ug/L					
Hexachloroethane		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Indeno(1,2,3-Cd)Pyrene		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Isophorone		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Naphthalene		<MDL	0.75	1.42	ug/L		<MDL	0.2	0.375	ug/L					
n-Decane		<MDL	0.28	0.566	ug/L		<MDL	0.075	0.15	ug/L					
Nitrobenzene		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
N-Nitrosodimethylamine		<MDL	1.9	2.83	ug/L		<MDL	0.5	0.75	ug/L					
N-Nitrosodi-N-Propylamine		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
N-Nitrosodiphenylamine		<MDL	0.94	1.89	ug/L		<MDL,J	0.25	0.5	ug/L					
n-Octadecane		<MDL	0.28	0.566	ug/L		<MDL	0.075	0.15	ug/L					
Pentachlorophenol		<MDL	0.47	0.943	ug/L		<MDL	0.13	0.25	ug/L					
Perylene		<MDL	0.47	0.943	ug/L		<MDL,J	0.13	0.25	ug/L					
Phenanthrene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	ug/L					
Phenol	31.3		1.9	2.83	ug/L		<MDL	0.5	0.75	ug/L					
Pyrene		<MDL	0.28	0.472	ug/L		<MDL	0.075	0.125	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	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	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	0.01	0.02	ug/L					