

Chemical Analysis Report

NW-DIST-2023-10-11-01

Florida DEP Laboratory
2600 Blair Stone Road
Tallahassee, FL 32399-2400
DOH Accreditation E31780

Event Description: **Panama City Bird die off investigation**
Request ID: **RQ-2023-10-09-68**
Customer: **NW-DIST**
Project ID: **DISCRTNARY**

Send Reports to:
FL Dept. of Environmental Protection
160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Myranda Butler

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Certified by: Thekkekalathil Chandrasekhar, Environmental Consultant

Date Certified: 23-OCT-2023 16:10



NON-CONFORMANCE REPORT INCLUDED

Case Narrative

Unless otherwise noted, all samples included in this report were received in accordance with protocols referenced in Chapter 62-160, Florida Administrative Code (F.A.C.). Results published in this report pertain only to the samples as submitted to, and received by the laboratory. All times in this report are adjusted to the applicable Eastern Time Zone (EST or EDT).

Results for the following analytical groups are included in this report: Metals, Pesticides and Priority Organic Pollutants.

Scientific notation may be used in reporting very large or small values. Values reported using scientific notation will take the form of the following example: 1.3E+03, which is equivalent to 1.3×10^3 or 1300.

Unless otherwise noted, analytical values for soil and sediment samples are reported on a dry weight basis, and analytical values for waste and tissue samples are reported on a wet weight basis.

Results for TNI accredited tests met requirements established by The NELAC Institute. A double asterisk (**) is used to indicate an analyte/matrix/method for which the laboratory is not TNI accredited by the Florida Department of Health Environmental Laboratory Certification Program or where accreditation for that field of testing is not applicable.

Any significant anomalies or deviations from established protocols are documented in Non-Conformance Reports, which, where appropriate, are included within this analytical report. Additional comments related to specific analytical tests may be included as remarks following the analytical results for each sample. Such comments and remarks are for informational purposes only and are not intended to convey judgement about the usability of the reported data.

A quality control report on the performance of the test method for the submitted samples is included. Uncertainty associated with the analytical results contained in this report can be estimated from the reported quality assurance results and from published quality control acceptance limits for each analytical test. Matrix quality control results (matrix spike recoveries and matrix sample precision) pertain only to the matrix sample tested and do not necessarily reflect test method performance for other samples.

Typical matrix quality control (QC) measurements may include matrix spike recovery, matrix spike duplicate recovery, matrix spike precision and matrix sample precision. Not all matrix QC results may be available or reportable; where they are not an explanation is provided. Typical reasons for unavailable QC results include, but are not limited to, a) insufficient matrix sample to perform some or all QC measurements; b) analyte concentration in the sample replicated was too low for a meaningful measurement of precision and c) analyte concentration in the matrix sample spiked was too high (relative to the amount of analyte spiked) for a meaningful measurement of recovery. Where matrix QC results are unavailable, other method performance metrics (e.g., LCS recovery, LCS precision, surrogate recovery) may be used to assess performance of the method. Comments explaining any missing QC measurements are not intended to convey any adverse conclusions about the quality of the reported data.

Precision is reported as relative percent difference unless otherwise noted.

Quality Control codes as defined below may be used in this report to indicate results that are associated with one or more quality control elements which did not fall within established test method criteria. Such results may be qualified as estimates using a J qualifier as required by 62-160 F.A.C. Explanations are included in the report for any results that were reported as estimates for other reasons.

QC Codes used in this report may include:

- LCS – Recovery for the batch Laboratory Control Sample (LCS) was outside existing control limits;
- MS – Recovery for the batch matrix spike (MS) was outside existing control limits;
- CCV – Recovery for a continuing calibration verification (CCV) standard was outside existing control limits;
- SUR – Recovery of a surrogate (SUR) for associated analytes was outside existing control limits;
- RPD – The precision, measured as relative percent difference (RPD), of batch replicate measurements was outside existing control limits;
- RSD – The precision, measured as relative standard deviation (RSD), of batch replicate measurements was outside existing control limits;
- SMP – Sample - used precision derived from replicate analyses of a sample;

The following data qualifiers are used, where applicable, in this report as specified in 62-160 F.A.C.

- A - Value reported is the mean of two or more determinations.
- B - Results based on colony counts outside the acceptable range.
- I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- J - Estimated value and/or the analysis did not meet established quality control criteria.
- K - Actual value is known to be less than value given.
- L - Actual value is known to be greater than value given.
- N - Presumptive evidence of presence of material.
- O - Sampled, but analysis lost or not performed.
- Q - Sample held beyond normal holding time.
- T - Value reported is less than the criterion of detection.
- U - Material was analyzed for but not detected. The reported value is the method detection limit for the sample analyzed.
- V - Analyte was detected in both sample and method blank.
- X - Too few individuals to calculate SCI value.
- Y - The laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
- Z - Colonies were too numerous to count (TNTC).

Quality control information from overflow laboratories may not be included in this report. Please refer to the associated report from the overflow laboratory for additional information.

Sample Location: Pineapple Villas

Collection Date/Time: 10/10/2023 10:20

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444183	EPA 8270E	Acenaphthene	0.028	U	ug/L	P436384	
		Acenaphthylene	0.028	U	ug/L	P436384	
		Acetophenone	0.22	U	ug/L	P436384	
		2-Acetylaminofluorene	1.1	U	ug/L	P436384	
		4-Aminobiphenyl	4.4	U	ug/L	P436384	
		Aniline	1.1	U	ug/L	P436384	
		Anthracene	0.056	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.056	U	ug/L	P436384	
		Benzidine	11	U	ug/L	P436384	
		Benzo(a)anthracene	0.028	U	ug/L	P436384	
		Benzo(a)pyrene	0.028	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.028	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.028	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.028	U	ug/L	P436384	
		Benzyl alcohol	0.22	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.056	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.056	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.056	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.6	U	ug/L	P436384	
		Butyl benzyl phthalate	1.1	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.056	U	ug/L	P436384	
		2-Chloronaphthalene	0.056	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.056	U	ug/L	P436384	
		Carbazole	0.056	U	ug/L	P436384	
		Chrysene	0.028	U	ug/L	P436384	
		m,p-Cresols	0.056	U	ug/L	P436384	
		o-Cresol	0.056	U	ug/L	P436384	
		Di-n-butyl phthalate	2.2	U	ug/L	P436384	
		Di-n-octyl phthalate	0.056	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.028	U	ug/L	P436384	
		Dibenzofuran	0.056	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	11	U	ug/L	P436384	
		Diethyl phthalate	2.2	U	ug/L	P436384	
		Dimethyl phthalate	0.22	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.056	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.11	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.22	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.056	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.056	U	ug/L	P436384	
		Dinoseb	4.4	U	ug/L	P436384	
		Ethyl methanesulfonate	1.1	U	ug/L	P436384	
		Fluoranthene	0.056	U	ug/L	P436384	
		Fluorene	0.028	U	ug/L	P436384	
		Hexachlorobenzene	0.056	U	ug/L	P436384	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444183	EPA 8270E	Hexachlorobutadiene	0.056	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.056	U	ug/L	P436384	
		Hexachloroethane	0.056	U	ug/L	P436384	
		Hexachloropropene	0.056	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.028	U	ug/L	P436384	
		Isophorone	0.056	U	ug/L	P436384	
		Isosafrole	0.056	U	ug/L	P436384	
		3-Methylcholanthrene	0.11	U	ug/L	P436384	
		2-Methylnaphthalene	0.11	U	ug/L	P436384	
		Naphthalene	0.11	U	ug/L	P436384	
		1-Naphthylamine	11	U	ug/L	P436384	
		2-Naphthylamine	11	U	ug/L	P436384	
		2-Nitroaniline	0.056	U	ug/L	P436384	
		Nitrobenzene	0.056	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.11	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.056	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.1	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.2	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.056	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.2	U	ug/L	P436384	
		N-Nitrosomorpholine	0.056	U	ug/L	P436384	
		N-Nitrosopiperidine	0.056	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.11	U	ug/L	P436384	
		Pentachlorobenzene	0.056	U	ug/L	P436384	
		Pentachloroethane	0.056	U	ug/L	P436384	
		Pentachloronitrobenzene	0.056	U	ug/L	P436384	
		Phenacetin	1.1	U	ug/L	P436384	
		Phenanthrene	0.11	U	ug/L	P436384	
		2-Picoline	1.1	U	ug/L	P436384	
		Pyrene	0.11	U	ug/L	P436384	
		Pyridine	4.4	U	ug/L	P436384	
		Safrole	0.056	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.056	U	ug/L	P436384	
		o-Toluidine	0.11	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.056	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.22	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.056	U	ug/L	P436384	
		2-Chlorophenol	0.056	U	ug/L	P436384	
		2,4-Dichlorophenol	0.056	U	ug/L	P436384	
		2,6-Dichlorophenol	0.056	U	ug/L	P436384	
		2,4-Dimethylphenol	0.056	U	ug/L	P436384	
		2,4-Dinitrophenol	11	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.3	U	ug/L	P436384	
		2-Nitrophenol	0.056	U	ug/L	P436384	
		4-Nitrophenol	11	U	ug/L	P436384	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444183	EPA 8270E	Pentachlorophenol	0.56	U	ug/L	P436384	
		Phenol	0.056	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.11	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.056	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.056	U	ug/L	P436384	
		1-Methylnaphthalene	0.11	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.11	U	ug/L	P436384	
2444189	FL-PRO 2018	TRPH	0.68	U	mg/L	P436467	
2444227	EPA 8270E	Aldrin	0.75	U	ng/L	P436476	
		Alpha-BHC	0.11	U	ng/L	P436476	
		Alpha-Chlordane	0.23	U	ng/L	P436476	
		Beta-BHC	0.11	U	ng/L	P436476	
		Beta-Cyfluthrin	1.4	U	ng/L	P436476	
		Bifenthrin	0.57	U	ng/L	P436476	
		Chlorothalonil	4.1	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.23	U	ng/L	P436476	
		Cypermethrin	1.7	U	ng/L	P436476	
		Dacthal	0.17	U	ng/L	P436476	
		DDD-p,p'	0.29	U	ng/L	P436476	
		DDE-p,p'	0.23	U	ng/L	P436476	
		DDT-p,p'	0.92	U	ng/L	P436476	
		Delta-BHC	0.46	U	ng/L	P436476	
		Deltamethrin	1.4	U	ng/L	P436476	
		Dichlobenil	0.29	U	ng/L	P436476	
		Dicofol	1.4	U	ng/L	P436476	
		Dieldrin	0.46	U	ng/L	P436476	
		Endosulfan I	0.46	U	ng/L	P436476	
		Endosulfan II	1.0	U	ng/L	P436476	
		Endosulfan Sulfate	0.34	U	ng/L	P436476	
		Endrin	1.0	U	ng/L	P436476	
		Endrin Aldehyde	0.86	U	ng/L	P436476	
		Endrin Ketone	0.46	U	ng/L	P436476	
		Esfenvalerate	0.86	U	ng/L	P436476	
		Ethalfuralin	0.17	U	ng/L	P436476	
		Fenpropathrin	0.29	U	ng/L	P436476	
		Gamma-BHC	0.14	U	ng/L	P436476	
		Gamma-Chlordane	0.23	U	ng/L	P436476	
		Heptachlor	0.23	U	ng/L	P436476	
		Heptachlor Epoxide	0.29	U	ng/L	P436476	
		Hexachlorobenzene**	1.1	U	ng/L	P436476	
		Kepone	15	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.86	U	ng/L	P436476	
		Methoprene	0.86	U	ng/L	P436476	
		Methoxychlor	0.34	U	ng/L	P436476	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444227	EPA 8270E	MGK-264	0.23	U	ng/L	P436476	
		Mirex	0.40	U	ng/L	P436476	
		Oxychlordane	0.34	U	ng/L	P436476	
		Permethrin	1.8	U	ng/L	P436476	
		Phenothrin	1.0	U	ng/L	P436476	
		Piperonyl Butoxide	0.17	U	ng/L	P436476	
		Prallethrin	2.3	U	ng/L	P436476	
		Tau-Fluvalinate	0.29	U	ng/L	P436476	
		Tetramethrin	0.86	U	ng/L	P436476	
		Trans-Nonachlor	0.23	U	ng/L	P436476	
		Triclosan Methyl	0.17	U	ng/L	P436476	
		Trifluralin	0.23	U	ng/L	P436476	
	EPA 8276	Chlordane	2.3	UJ	ng/L	P436476	SUR
		Toxaphene	17	UJ	ng/L	P436476	SUR
2444233	EPA 8270E	Acetochlor	0.22	U	ng/L	P436252	
		Alachlor	0.45	U	ng/L	P436252	
		Ametryn	1.2	U	ng/L	P436252	
		Atrazine	2.1		ng/L	P436252	
		Atrazine Desethyl	4.5	I	ng/L	P436252	
		Azinphos Methyl	3.4	U	ng/L	P436252	
		Azoxystrobin	0.45	U	ng/L	P436252	
		Bromacil	0.67	U	ng/L	P436252	
		Butylate	0.51	U	ng/L	P436252	
		Caffeine**	8.4	U	ng/L	P436252	
		Carbophenothion	0.56	U	ng/L	P436252	
		Carfentrazone Ethyl	0.17	U	ng/L	P436252	
		Chlorfenapyr	0.34	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.34	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.11	U	ng/L	P436252	
		Coumaphos	1.2	U	ng/L	P436252	
		Cyanazine	5.6	U	ng/L	P436252	
		Cyprodinil	0.22	U	ng/L	P436252	
		Demeton	3.9	U	ng/L	P436252	
		Diazinon	0.14	U	ng/L	P436252	
		Difenoconazole	0.67	UJ	ng/L	P436252	CCV
		Dimethenamid	0.11	U	ng/L	P436252	
		Dimethomorph	0.34	U	ng/L	P436252	
		Disulfoton	0.67	U	ng/L	P436252	
		Dithiopyr	1.1	U	ng/L	P436252	
		EPTC	0.56	U	ng/L	P436252	
		Ethion	0.34	U	ng/L	P436252	
		Ethoprop	0.14	U	ng/L	P436252	
		Etridiazole	0.11	U	ng/L	P436252	
		Fenamiphos	0.51	U	ng/L	P436252	
		Fenbuconazole	0.56	U	ng/L	P436252	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444233	EPA 8270E	Fipronil	0.22	U	ng/L	P436252	MS, RPD
		Fipronil Desulfinyl**	0.32	I	ng/L	P436252	MS, RPD
		Fipronil Sulfide	0.56	I	ng/L	P436252	MS, RPD
		Fipronil Sulfone	1.0		ng/L	P436252	RPD
		Fluazifop-P-butyl	0.11	U	ng/L	P436252	RPD
		Fludioxonil	0.11	U	ng/L	P436252	
		Flumioxazin	3.4	U	ng/L	P436252	
		Flutolanil	0.11	U	ng/L	P436252	RPD
		Fluxapyroxad	0.28	U	ng/L	P436252	
		Fonofos	0.17	U	ng/L	P436252	
		Hexazinone	0.56	U	ng/L	P436252	
		Imazalil	0.73	U	ng/L	P436252	
		Iprodione	0.56	U	ng/L	P436252	
		Loratadine**	0.34	U	ng/L	P436252	
		Malathion	0.39	U	ng/L	P436252	
		Metalaxyl	0.57	I	ng/L	P436252	
		Metolachlor	0.84	U	ng/L	P436252	
		Metribuzin	0.45	U	ng/L	P436252	
		Mevinphos	1.1	U	ng/L	P436252	
		Molinate	0.28	U	ng/L	P436252	
		Myclobutanil	0.39	U	ng/L	P436252	
		Naled	2.8	U	ng/L	P436252	
		Napropamide	0.79	U	ng/L	P436252	
		Norflurazon	1.1	U	ng/L	P436252	
		Oxadiazon	0.39	U	ng/L	P436252	
		Oxyfluorfen	0.22	U	ng/L	P436252	
		Parathion Ethyl	0.17	U	ng/L	P436252	
		Parathion Methyl	0.22	U	ng/L	P436252	
		Pendimethalin	0.84	U	ng/L	P436252	
		Phenytol**	6.0	U	ng/L	P436252	
		Phorate	0.28	U	ng/L	P436252	
		Prodiamine	0.22	U	ng/L	P436252	
		Prometon	3.4	U	ng/L	P436252	
		Prometryn	0.39	U	ng/L	P436252	
		Pronamide	0.11	U	ng/L	P436252	
		Propanil	0.11	U	ng/L	P436252	
		Propargite	0.90	U	ng/L	P436252	
		Propiconazole	0.67	U	ng/L	P436252	
		Pyraflufen Ethyl	0.34	U	ng/L	P436252	
		Pyridaben	1.6	U	ng/L	P436252	
		Pyriproxyfen	0.28	U	ng/L	P436252	
		Simazine	0.28	U	ng/L	P436252	
		Stirophos	0.45	U	ng/L	P436252	
		Sulfentrazone	6.2	I	ng/L	P436252	
		Tebuconazole	1.6	U	ng/L	P436252	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444233	EPA 8270E	Terbufos	0.22	U	ng/L	P436252	
		Terbutylazine	0.22	U	ng/L	P436252	
		Thiobencarb	0.56	U	ng/L	P436252	
		Triadimefon	0.17	U	ng/L	P436252	
2444263	EPA 200.7 Rev. 4.4	Calcium	15.9		mg/L	P436406	
		Iron	130		ug/L	P436406	
		Magnesium	2.91		mg/L	P436406	
		Potassium	1.4		mg/L	P436406	
		Sodium	12.1		mg/L	P436406	
		Strontium	116		ug/L	P436406	
		Tin	4.7	I	ug/L	P436406	
		Titanium	0.75	U	ug/L	P436406	
		Vanadium	2.0	U	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	19	I	ug/L	P436406	
		Antimony	0.050	U	ug/L	P436406	
		Arsenic	0.88		ug/L	P436406	
		Barium	8.22		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	38.5		ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.40	U	ug/L	P436406	
		Cobalt	0.022	I	ug/L	P436406	
		Copper	0.40	U	ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	6.08		ug/L	P436406	
		Molybdenum	0.28	I	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.20	U	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
2444269	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 1

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444269	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8276: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Sea Chase

Collection Date/Time: 10/10/2023 10:45

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444184	EPA 8270E	Acenaphthene	0.026	U	ug/L	P436384	
		Acenaphthylene	0.026	U	ug/L	P436384	
		Acetophenone	0.21	U	ug/L	P436384	
		2-Acetylaminofluorene	1.0	U	ug/L	P436384	
		4-Aminobiphenyl	4.2	U	ug/L	P436384	
		Aniline	1.0	U	ug/L	P436384	
		Anthracene	0.052	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.052	U	ug/L	P436384	
		Benzidine	10	U	ug/L	P436384	
		Benzo(a)anthracene	0.026	U	ug/L	P436384	
		Benzo(a)pyrene	0.026	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.026	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.026	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.026	U	ug/L	P436384	
		Benzyl alcohol	0.21	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.052	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.052	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.052	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.2	U	ug/L	P436384	
		Butyl benzyl phthalate	1.0	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.052	U	ug/L	P436384	
		2-Chloronaphthalene	0.052	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.052	U	ug/L	P436384	
		Carbazole	0.052	U	ug/L	P436384	
		Chrysene	0.026	U	ug/L	P436384	
		m,p-Cresols	0.052	U	ug/L	P436384	
		o-Cresol	0.052	U	ug/L	P436384	
		Di-n-butyl phthalate	2.1	U	ug/L	P436384	
		Di-n-octyl phthalate	0.052	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.026	U	ug/L	P436384	
		Dibenzofuran	0.052	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	10	U	ug/L	P436384	
		Diethyl phthalate	2.1	U	ug/L	P436384	
		Dimethyl phthalate	0.21	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.052	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.10	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.21	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.052	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.052	U	ug/L	P436384	
		Dinoseb	4.2	U	ug/L	P436384	
		Ethyl methanesulfonate	1.0	U	ug/L	P436384	
		Fluoranthene	0.052	U	ug/L	P436384	
		Fluorene	0.026	U	ug/L	P436384	
		Hexachlorobenzene	0.052	U	ug/L	P436384	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444184	EPA 8270E	Hexachlorobutadiene	0.052	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.052	U	ug/L	P436384	
		Hexachloroethane	0.052	U	ug/L	P436384	
		Hexachloropropene	0.052	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.026	U	ug/L	P436384	
		Isophorone	0.052	U	ug/L	P436384	
		Isosafrole	0.052	U	ug/L	P436384	
		3-Methylcholanthrene	0.10	U	ug/L	P436384	
		2-Methylnaphthalene	0.10	U	ug/L	P436384	
		Naphthalene	0.10	U	ug/L	P436384	
		1-Naphthylamine	10	U	ug/L	P436384	
		2-Naphthylamine	10	U	ug/L	P436384	
		2-Nitroaniline	0.052	U	ug/L	P436384	
		Nitrobenzene	0.052	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.10	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.052	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.0	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.1	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.052	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.1	U	ug/L	P436384	
		N-Nitrosomorpholine	0.052	U	ug/L	P436384	
		N-Nitrosopiperidine	0.052	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.10	U	ug/L	P436384	
		Pentachlorobenzene	0.052	U	ug/L	P436384	
		Pentachloroethane	0.052	U	ug/L	P436384	
		Pentachloronitrobenzene	0.052	U	ug/L	P436384	
		Phenacetin	1.0	U	ug/L	P436384	
		Phenanthrene	0.10	U	ug/L	P436384	
		2-Picoline	1.0	U	ug/L	P436384	
		Pyrene	0.10	U	ug/L	P436384	
		Pyridine	4.2	U	ug/L	P436384	
		Safrole	0.052	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.052	U	ug/L	P436384	
		o-Toluidine	0.10	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.052	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.21	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.052	U	ug/L	P436384	
		2-Chlorophenol	0.052	U	ug/L	P436384	
		2,4-Dichlorophenol	0.052	U	ug/L	P436384	
		2,6-Dichlorophenol	0.052	U	ug/L	P436384	
		2,4-Dimethylphenol	0.052	U	ug/L	P436384	
		2,4-Dinitrophenol	10	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.1	U	ug/L	P436384	
		2-Nitrophenol	0.052	U	ug/L	P436384	
		4-Nitrophenol	10	U	ug/L	P436384	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444184	EPA 8270E	Pentachlorophenol	0.52	U	ug/L	P436384	
		Phenol	0.052	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.10	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.052	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.052	U	ug/L	P436384	
		1-Methylnaphthalene	0.10	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.10	U	ug/L	P436384	
2444190	FL-PRO 2018	TRPH	0.63	U	mg/L	P436467	
2444228	EPA 8270E	Aldrin	0.69	U	ng/L	P436476	
		Alpha-BHC	0.11	U	ng/L	P436476	
		Alpha-Chlordane	0.21	U	ng/L	P436476	
		Beta-BHC	0.11	U	ng/L	P436476	
		Beta-Cyfluthrin	1.3	U	ng/L	P436476	
		Bifenthrin	0.53	U	ng/L	P436476	
		Chlorothalonil	3.8	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.21	U	ng/L	P436476	
		Cypermethrin	1.6	U	ng/L	P436476	
		Dacthal	0.16	U	ng/L	P436476	
		DDD-p,p'	0.27	U	ng/L	P436476	
		DDE-p,p'	0.21	U	ng/L	P436476	
		DDT-p,p'	0.85	U	ng/L	P436476	
		Delta-BHC	0.43	U	ng/L	P436476	
		Deltamethrin	1.3	U	ng/L	P436476	
		Dichlobenil	0.27	U	ng/L	P436476	
		Dicofol	1.3	U	ng/L	P436476	
		Dieldrin	0.43	U	ng/L	P436476	
		Endosulfan I	0.43	U	ng/L	P436476	
		Endosulfan II	0.96	U	ng/L	P436476	
		Endosulfan Sulfate	0.32	U	ng/L	P436476	
		Endrin	0.96	U	ng/L	P436476	
		Endrin Aldehyde	0.80	U	ng/L	P436476	
		Endrin Ketone	0.43	U	ng/L	P436476	
		Esfenvalerate	0.80	U	ng/L	P436476	
		Ethalfuralin	0.16	U	ng/L	P436476	
		Fenpropathrin	0.27	U	ng/L	P436476	
		Gamma-BHC	0.13	U	ng/L	P436476	
		Gamma-Chlordane	0.21	U	ng/L	P436476	
		Heptachlor	0.21	U	ng/L	P436476	
		Heptachlor Epoxide	0.27	U	ng/L	P436476	
		Hexachlorobenzene**	1.1	U	ng/L	P436476	
		Kepone	14	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.80	U	ng/L	P436476	
		Methoprene	0.80	U	ng/L	P436476	
		Methoxychlor	0.32	U	ng/L	P436476	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444228	EPA 8270E	MGK-264	0.21	U	ng/L	P436476	
		Mirex	0.37	U	ng/L	P436476	
		Oxychlordane	0.32	U	ng/L	P436476	
		Permethrin	1.7	U	ng/L	P436476	
		Phenothrin	0.96	U	ng/L	P436476	
		Piperonyl Butoxide	0.16	U	ng/L	P436476	
		Prallethrin	2.1	U	ng/L	P436476	
		Tau-Fluvalinate	0.27	U	ng/L	P436476	
		Tetramethrin	0.80	U	ng/L	P436476	
		Trans-Nonachlor	0.21	U	ng/L	P436476	
		Triclosan Methyl	0.16	U	ng/L	P436476	
		Trifluralin	0.21	U	ng/L	P436476	
		Chlordane	2.1	U	ng/L	P436476	
		Toxaphene	16	U	ng/L	P436476	
2444234	EPA 8270E	Acetochlor	0.21	U	ng/L	P436252	
		Alachlor	0.42	U	ng/L	P436252	
		Ametryn	1.1	U	ng/L	P436252	
		Atrazine	4.1		ng/L	P436252	
		Atrazine Desethyl	5.7	I	ng/L	P436252	
		Azinphos Methyl	3.1	U	ng/L	P436252	
		Azoxystrobin	0.42	U	ng/L	P436252	
		Bromacil	0.62	U	ng/L	P436252	
		Butylate	0.47	U	ng/L	P436252	
		Caffeine**	14	I	ng/L	P436252	
		Carbophenothion	0.52	U	ng/L	P436252	
		Carfentrazone Ethyl	0.16	U	ng/L	P436252	
		Chlorfenapyr	0.31	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.31	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.10	U	ng/L	P436252	
		Coumaphos	1.1	U	ng/L	P436252	
		Cyanazine	5.2	U	ng/L	P436252	
		Cyprodinil	0.21	U	ng/L	P436252	
		Demeton	3.6	U	ng/L	P436252	
		Diazinon	0.13	U	ng/L	P436252	
		Difenoconazole	0.62	UJ	ng/L	P436252	CCV
		Dimethenamid	0.10	U	ng/L	P436252	
		Dimethomorph	0.31	U	ng/L	P436252	
		Disulfoton	0.62	U	ng/L	P436252	
		Dithiopyr	1.0	U	ng/L	P436252	
		EPTC	0.52	U	ng/L	P436252	
		Ethion	0.31	U	ng/L	P436252	
		Ethoprop	0.13	U	ng/L	P436252	
		Etridiazole	0.10	U	ng/L	P436252	
		Fenamiphos	0.47	U	ng/L	P436252	
		Fenbuconazole	0.52	U	ng/L	P436252	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444234	EPA 8270E	Fipronil	1.3		ng/L	P436252	MS, RPD
		Fipronil Desulfinyl**	1.1		ng/L	P436252	MS, RPD
		Fipronil Sulfide	3.4		ng/L	P436252	MS, RPD
		Fipronil Sulfone	11		ng/L	P436252	RPD
		Fluazifop-P-butyl	0.10	U	ng/L	P436252	RPD
		Fludioxonil	0.10	U	ng/L	P436252	
		Flumioxazin	3.1	U	ng/L	P436252	
		Flutolanil	0.10	U	ng/L	P436252	RPD
		Fluxapyroxad	0.26	U	ng/L	P436252	
		Fonofos	0.16	U	ng/L	P436252	
		Hexazinone	0.52	U	ng/L	P436252	
		Imazalil	0.68	U	ng/L	P436252	
		Iprodione	0.52	U	ng/L	P436252	
		Loratadine**	0.55	I	ng/L	P436252	
		Malathion	0.36	U	ng/L	P436252	
		Metalaxyl	0.59	I	ng/L	P436252	
		Metolachlor	1.8	I	ng/L	P436252	
		Metribuzin	0.42	U	ng/L	P436252	
		Mevinphos	1.0	U	ng/L	P436252	
		Molinate	0.26	U	ng/L	P436252	
		Myclobutanil	0.36	U	ng/L	P436252	
		Naled	2.6	U	ng/L	P436252	
		Napropamide	0.73	U	ng/L	P436252	
		Norflurazon	1.0	U	ng/L	P436252	
		Oxadiazon	0.46	I	ng/L	P436252	
		Oxyfluorfen	0.21	U	ng/L	P436252	
		Parathion Ethyl	0.16	U	ng/L	P436252	
		Parathion Methyl	0.21	U	ng/L	P436252	
		Pendimethalin	0.78	U	ng/L	P436252	
		Phenytol**	5.5	U	ng/L	P436252	
		Phorate	0.26	U	ng/L	P436252	
		Prodiamine	0.21	U	ng/L	P436252	
		Prometon	3.1	U	ng/L	P436252	
		Prometryn	0.36	U	ng/L	P436252	
		Pronamide	0.10	U	ng/L	P436252	
		Propanil	0.10	U	ng/L	P436252	
		Propargite	0.83	U	ng/L	P436252	
		Propiconazole	0.62	U	ng/L	P436252	
		Pyraflufen Ethyl	0.31	U	ng/L	P436252	
		Pyridaben	1.5	U	ng/L	P436252	
		Pyriproxyfen	0.26	U	ng/L	P436252	
		Simazine	3.2		ng/L	P436252	
		Stirophos	0.42	U	ng/L	P436252	
		Sulfentrazone	36		ng/L	P436252	
		Tebuconazole	1.5	U	ng/L	P436252	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444234	EPA 8270E	Terbufos	0.21	U	ng/L	P436252	
		Terbuthylazine	0.38	I	ng/L	P436252	
		Thiobencarb	0.74	I	ng/L	P436252	
		Triadimefon	0.16	U	ng/L	P436252	
2444264	EPA 200.7 Rev. 4.4	Calcium	18.2		mg/L	P436406	
		Iron	62	I	ug/L	P436406	
		Magnesium	4.86		mg/L	P436406	
		Potassium	2.6		mg/L	P436406	
		Sodium	32.2		mg/L	P436406	
		Strontium	132		ug/L	P436406	
		Tin	5.4	I	ug/L	P436406	
		Titanium	0.75	U	ug/L	P436406	
		Vanadium	2.0	U	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	17	I	ug/L	P436406	
		Antimony	0.054	I	ug/L	P436406	
		Arsenic	0.42		ug/L	P436406	
		Barium	5.57		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	44.5		ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.40	U	ug/L	P436406	
		Cobalt	0.020	U	ug/L	P436406	
		Copper	1.55		ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	3.53		ug/L	P436406	
		Molybdenum	0.30	I	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.20	U	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
2444270	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 2

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444270	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Tide Water

Collection Date/Time: 10/10/2023 11:25

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444185	EPA 8270E	Acenaphthene	0.031	I	ug/L	P436384	
		Acenaphthylene	0.027	U	ug/L	P436384	
		Acetophenone	0.21	U	ug/L	P436384	
		2-Acetylaminofluorene	1.1	U	ug/L	P436384	
		4-Aminobiphenyl	4.3	U	ug/L	P436384	
		Aniline	1.1	U	ug/L	P436384	
		Anthracene	0.053	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.053	U	ug/L	P436384	
		Benzidine	11	U	ug/L	P436384	
		Benzo(a)anthracene	0.027	U	ug/L	P436384	
		Benzo(a)pyrene	0.027	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.027	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.027	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.027	U	ug/L	P436384	
		Benzyl alcohol	0.21	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.053	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.053	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.053	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.3	U	ug/L	P436384	
		Butyl benzyl phthalate	1.1	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.053	U	ug/L	P436384	
		2-Chloronaphthalene	0.053	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.053	U	ug/L	P436384	
		Carbazole	0.053	U	ug/L	P436384	
		Chrysene	0.027	U	ug/L	P436384	
		m,p-Cresols	0.053	U	ug/L	P436384	
		o-Cresol	0.053	U	ug/L	P436384	
		Di-n-butyl phthalate	2.1	U	ug/L	P436384	
		Di-n-octyl phthalate	0.053	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.027	U	ug/L	P436384	
		Dibenzofuran	0.053	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	11	U	ug/L	P436384	
		Diethyl phthalate	2.1	U	ug/L	P436384	
		Dimethyl phthalate	0.21	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.053	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.11	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.21	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.053	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.053	U	ug/L	P436384	
		Dinoseb	4.3	U	ug/L	P436384	
		Ethyl methanesulfonate	1.1	U	ug/L	P436384	
		Fluoranthene	0.053	U	ug/L	P436384	
		Fluorene	0.027	U	ug/L	P436384	
		Hexachlorobenzene	0.053	U	ug/L	P436384	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444185	EPA 8270E	Hexachlorobutadiene	0.053	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.053	U	ug/L	P436384	
		Hexachloroethane	0.053	U	ug/L	P436384	
		Hexachloropropene	0.053	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.027	U	ug/L	P436384	
		Isophorone	0.053	U	ug/L	P436384	
		Isosafrole	0.053	U	ug/L	P436384	
		3-Methylcholanthrene	0.11	U	ug/L	P436384	
		2-Methylnaphthalene	0.11	U	ug/L	P436384	
		Naphthalene	0.11	U	ug/L	P436384	
		1-Naphthylamine	11	U	ug/L	P436384	
		2-Naphthylamine	11	U	ug/L	P436384	
		2-Nitroaniline	0.053	U	ug/L	P436384	
		Nitrobenzene	0.053	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.11	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.053	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.1	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.1	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.053	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.1	U	ug/L	P436384	
		N-Nitrosomorpholine	0.053	U	ug/L	P436384	
		N-Nitrosopiperidine	0.053	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.11	U	ug/L	P436384	
		Pentachlorobenzene	0.053	U	ug/L	P436384	
		Pentachloroethane	0.053	U	ug/L	P436384	
		Pentachloronitrobenzene	0.053	U	ug/L	P436384	
		Phenacetin	1.1	U	ug/L	P436384	
		Phenanthrene	0.11	U	ug/L	P436384	
		2-Picoline	1.1	U	ug/L	P436384	
		Pyrene	0.11	U	ug/L	P436384	
		Pyridine	4.3	U	ug/L	P436384	
		Safrole	0.053	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.053	U	ug/L	P436384	
		o-Toluidine	0.11	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.053	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.21	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.053	U	ug/L	P436384	
		2-Chlorophenol	0.053	U	ug/L	P436384	
		2,4-Dichlorophenol	0.053	U	ug/L	P436384	
		2,6-Dichlorophenol	0.053	U	ug/L	P436384	
		2,4-Dimethylphenol	0.053	U	ug/L	P436384	
		2,4-Dinitrophenol	11	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.2	U	ug/L	P436384	
		2-Nitrophenol	0.053	U	ug/L	P436384	
		4-Nitrophenol	11	U	ug/L	P436384	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444185	EPA 8270E	Pentachlorophenol	0.53	U	ug/L	P436384	
		Phenol	0.053	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.11	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.053	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.053	U	ug/L	P436384	
		1-Methylnaphthalene	0.11	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.11	U	ug/L	P436384	
2444191	FL-PRO 2018	TRPH	0.61	U	mg/L	P436467	
2444229	EPA 8270E	Aldrin	0.68	U	ng/L	P436476	
		Alpha-BHC	0.10	U	ng/L	P436476	
		Alpha-Chlordane	0.21	U	ng/L	P436476	
		Beta-BHC	0.10	U	ng/L	P436476	
		Beta-Cyfluthrin	1.3	U	ng/L	P436476	
		Bifenthrin	0.52	U	ng/L	P436476	
		Chlorothalonil	3.8	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.21	U	ng/L	P436476	
		Cypermethrin	1.6	U	ng/L	P436476	
		Dacthal	0.16	U	ng/L	P436476	
		DDD-p,p'	0.26	U	ng/L	P436476	
		DDE-p,p'	0.21	U	ng/L	P436476	
		DDT-p,p'	0.84	U	ng/L	P436476	
		Delta-BHC	0.42	U	ng/L	P436476	
		Deltamethrin	1.3	U	ng/L	P436476	
		Dichlobenil	0.26	U	ng/L	P436476	
		Dicofol	1.3	U	ng/L	P436476	
		Dieldrin	0.42	U	ng/L	P436476	
		Endosulfan I	0.42	U	ng/L	P436476	
		Endosulfan II	0.94	U	ng/L	P436476	
		Endosulfan Sulfate	0.31	U	ng/L	P436476	
		Endrin	0.94	U	ng/L	P436476	
		Endrin Aldehyde	0.78	U	ng/L	P436476	
		Endrin Ketone	0.42	U	ng/L	P436476	
		Esfenvalerate	0.78	U	ng/L	P436476	
		Ethalfuralin	0.16	U	ng/L	P436476	
		Fenpropathrin	0.26	U	ng/L	P436476	
		Gamma-BHC	0.13	U	ng/L	P436476	
		Gamma-Chlordane	0.21	U	ng/L	P436476	
		Heptachlor	0.21	U	ng/L	P436476	
		Heptachlor Epoxide	0.26	U	ng/L	P436476	
		Hexachlorobenzene**	1.0	U	ng/L	P436476	
		Kepone	14	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.78	U	ng/L	P436476	
		Methoprene	0.78	U	ng/L	P436476	
		Methoxychlor	0.31	U	ng/L	P436476	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444229	EPA 8270E	MGK-264	0.21	U	ng/L	P436476	
		Mirex	0.37	U	ng/L	P436476	
		Oxychlordane	0.31	U	ng/L	P436476	
		Permethrin	1.7	U	ng/L	P436476	
		Phenothrin	0.94	U	ng/L	P436476	
		Piperonyl Butoxide	0.16	U	ng/L	P436476	
		Prallethrin	2.1	U	ng/L	P436476	
		Tau-Fluvalinate	0.26	U	ng/L	P436476	
		Tetramethrin	0.78	U	ng/L	P436476	
		Trans-Nonachlor	0.21	U	ng/L	P436476	
		Triclosan Methyl	0.16	U	ng/L	P436476	
		Trifluralin	0.21	U	ng/L	P436476	
		Chlordane	2.1	U	ng/L	P436476	
		Toxaphene	16	U	ng/L	P436476	
2444235	EPA 8270E	Acetochlor	0.21	U	ng/L	P436252	
		Alachlor	0.42	U	ng/L	P436252	
		Ametryn	1.2	U	ng/L	P436252	
		Atrazine	1.7		ng/L	P436252	
		Atrazine Desethyl	4.3	I	ng/L	P436252	
		Azinphos Methyl	3.2	U	ng/L	P436252	
		Azoxystrobin	0.42	U	ng/L	P436252	
		Bromacil	0.64	U	ng/L	P436252	
		Butylate	0.48	U	ng/L	P436252	
		Caffeine**	16	I	ng/L	P436252	
		Carbophenothion	0.53	U	ng/L	P436252	
		Carfentrazone Ethyl	0.16	U	ng/L	P436252	
		Chlorfenapyr	0.32	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.32	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.11	U	ng/L	P436252	
		Coumaphos	1.1	U	ng/L	P436252	
		Cyanazine	5.3	U	ng/L	P436252	
		Cyprodinil	0.21	U	ng/L	P436252	
		Demeton	3.7	U	ng/L	P436252	
		Diazinon	0.13	U	ng/L	P436252	
		Difenoconazole	0.64	UJ	ng/L	P436252	CCV
		Dimethenamid	0.11	U	ng/L	P436252	
		Dimethomorph	0.32	U	ng/L	P436252	
		Disulfoton	0.64	U	ng/L	P436252	
		Dithiopyr	1.1	U	ng/L	P436252	
		EPTC	0.53	U	ng/L	P436252	
		Ethion	0.32	U	ng/L	P436252	
		Ethoprop	0.13	U	ng/L	P436252	
		Etridiazole	0.11	U	ng/L	P436252	
		Fenamiphos	0.48	U	ng/L	P436252	
		Fenbuconazole	0.53	U	ng/L	P436252	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444235	EPA 8270E	Fipronil	0.21	U	ng/L	P436252	MS, RPD
		Fipronil Desulfinyl**	0.53	I	ng/L	P436252	MS, RPD
		Fipronil Sulfide	0.91		ng/L	P436252	MS, RPD
		Fipronil Sulfone	3.6		ng/L	P436252	RPD
		Fluazifop-P-butyl	0.11	U	ng/L	P436252	RPD
		Fludioxonil	0.11	U	ng/L	P436252	
		Flumioxazin	3.2	U	ng/L	P436252	
		Flutolanil	0.11	U	ng/L	P436252	RPD
		Fluxapyroxad	0.27	U	ng/L	P436252	
		Fonofos	0.16	U	ng/L	P436252	
		Hexazinone	0.53	U	ng/L	P436252	
		Imazalil	0.69	U	ng/L	P436252	
		Iprodione	0.53	U	ng/L	P436252	
		Loratadine**	0.32	U	ng/L	P436252	
		Malathion	0.37	U	ng/L	P436252	
		Metalaxyl	0.57	I	ng/L	P436252	
		Metolachlor	0.80	U	ng/L	P436252	
		Metribuzin	0.42	U	ng/L	P436252	
		Mevinphos	1.1	U	ng/L	P436252	
		Molinate	0.27	U	ng/L	P436252	
		Myclobutanil	2.7		ng/L	P436252	
		Naled	2.7	U	ng/L	P436252	
		Napropamide	0.74	U	ng/L	P436252	
		Norflurazon	1.1	U	ng/L	P436252	
		Oxadiazon	6.9		ng/L	P436252	
		Oxyfluorfen	0.21	U	ng/L	P436252	
		Parathion Ethyl	0.16	U	ng/L	P436252	
		Parathion Methyl	0.21	U	ng/L	P436252	
		Pendimethalin	0.80	U	ng/L	P436252	
		Phenytion**	5.6	U	ng/L	P436252	
		Phorate	0.27	U	ng/L	P436252	
		Prodiamine	0.21	U	ng/L	P436252	
		Prometon	3.2	U	ng/L	P436252	
		Prometryn	0.37	U	ng/L	P436252	
		Pronamide	0.11	U	ng/L	P436252	
		Propanil	0.11	U	ng/L	P436252	
		Propargite	0.85	U	ng/L	P436252	
		Propiconazole	0.64	U	ng/L	P436252	
		Pyraflufen Ethyl	0.32	U	ng/L	P436252	
		Pyridaben	1.5	U	ng/L	P436252	
		Pyriproxyfen	0.27	U	ng/L	P436252	
		Simazine	0.27	U	ng/L	P436252	
		Stirophos	0.42	U	ng/L	P436252	
		Sulfentrazone	74		ng/L	P436252	
		Tebuconazole	2.2	I	ng/L	P436252	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444235	EPA 8270E	Terbufos	0.21	U	ng/L	P436252	
		Terbuthylazine	0.21	U	ng/L	P436252	
		Thiobencarb	0.53	U	ng/L	P436252	
		Triadimefon	0.16	U	ng/L	P436252	
2444265	EPA 200.7 Rev. 4.4	Calcium	19.3		mg/L	P436406	
		Iron	53	I	ug/L	P436406	
		Magnesium	10.1		mg/L	P436406	
		Potassium	4.6		mg/L	P436406	
		Sodium	74.5		mg/L	P436406	
		Strontium	160		ug/L	P436406	
		Tin	4.5	I	ug/L	P436406	
		Titanium	0.75	U	ug/L	P436406	
		Vanadium	2.0	U	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	25		ug/L	P436406	
		Antimony	0.067	I	ug/L	P436406	
		Arsenic	1.67		ug/L	P436406	
		Barium	9.89		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	72.8		ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.40	U	ug/L	P436406	
		Cobalt	0.036	I	ug/L	P436406	
		Copper	1.02		ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	6.58		ug/L	P436406	
2444271	EPA 8321B	Molybdenum	0.25	I	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.20	U	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
		Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 3

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444271	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Sharky's

Collection Date/Time: 10/10/2023 11:46

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444186	EPA 8270E	Acenaphthene	0.028	U	ug/L	P436384	
		Acenaphthylene	0.028	U	ug/L	P436384	
		Acetophenone	0.23	U	ug/L	P436384	
		2-Acetylaminofluorene	1.1	U	ug/L	P436384	
		4-Aminobiphenyl	4.5	U	ug/L	P436384	
		Aniline	1.1	U	ug/L	P436384	
		Anthracene	0.057	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.057	U	ug/L	P436384	
		Benzidine	11	U	ug/L	P436384	
		Benzo(a)anthracene	0.028	U	ug/L	P436384	
		Benzo(a)pyrene	0.028	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.028	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.028	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.028	U	ug/L	P436384	
		Benzyl alcohol	0.23	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.057	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.057	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.057	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.7	U	ug/L	P436384	
		Butyl benzyl phthalate	1.1	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.057	U	ug/L	P436384	
		2-Chloronaphthalene	0.057	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.057	U	ug/L	P436384	
		Carbazole	0.057	U	ug/L	P436384	
		Chrysene	0.028	U	ug/L	P436384	
		m,p-Cresols	0.057	U	ug/L	P436384	
		o-Cresol	0.057	U	ug/L	P436384	
		Di-n-butyl phthalate	2.3	U	ug/L	P436384	
		Di-n-octyl phthalate	0.057	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.028	U	ug/L	P436384	
		Dibenzofuran	0.057	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	11	U	ug/L	P436384	
		Diethyl phthalate	2.3	U	ug/L	P436384	
		Dimethyl phthalate	0.23	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.057	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.11	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.23	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.057	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.057	U	ug/L	P436384	
		Dinoseb	4.5	U	ug/L	P436384	
		Ethyl methanesulfonate	1.1	U	ug/L	P436384	
		Fluoranthene	0.057	U	ug/L	P436384	
		Fluorene	0.028	U	ug/L	P436384	
		Hexachlorobenzene	0.057	U	ug/L	P436384	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444186	EPA 8270E	Hexachlorobutadiene	0.057	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.057	U	ug/L	P436384	
		Hexachloroethane	0.057	U	ug/L	P436384	
		Hexachloropropene	0.057	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.028	U	ug/L	P436384	
		Isophorone	0.057	U	ug/L	P436384	
		Isosafrole	0.057	U	ug/L	P436384	
		3-Methylcholanthrene	0.11	U	ug/L	P436384	
		2-Methylnaphthalene	0.11	U	ug/L	P436384	
		Naphthalene	0.11	U	ug/L	P436384	
		1-Naphthylamine	11	U	ug/L	P436384	
		2-Naphthylamine	11	U	ug/L	P436384	
		2-Nitroaniline	0.057	U	ug/L	P436384	
		Nitrobenzene	0.057	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.11	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.057	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.1	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.3	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.057	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.3	U	ug/L	P436384	
		N-Nitrosomorpholine	0.057	U	ug/L	P436384	
		N-Nitrosopiperidine	0.057	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.11	U	ug/L	P436384	
		Pentachlorobenzene	0.057	U	ug/L	P436384	
		Pentachloroethane	0.057	U	ug/L	P436384	
		Pentachloronitrobenzene	0.057	U	ug/L	P436384	
		Phenacetin	1.1	U	ug/L	P436384	
		Phenanthrene	0.11	U	ug/L	P436384	
		2-Picoline	1.1	U	ug/L	P436384	
		Pyrene	0.11	U	ug/L	P436384	
		Pyridine	4.5	U	ug/L	P436384	
		Safrole	0.057	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.057	U	ug/L	P436384	
		o-Toluidine	0.11	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.057	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.23	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.057	U	ug/L	P436384	
		2-Chlorophenol	0.057	U	ug/L	P436384	
		2,4-Dichlorophenol	0.057	U	ug/L	P436384	
		2,6-Dichlorophenol	0.057	U	ug/L	P436384	
		2,4-Dimethylphenol	0.057	U	ug/L	P436384	
		2,4-Dinitrophenol	11	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.4	U	ug/L	P436384	
		2-Nitrophenol	0.057	U	ug/L	P436384	
		4-Nitrophenol	11	U	ug/L	P436384	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444186	EPA 8270E	Pentachlorophenol	0.57	U	ug/L	P436384	
		Phenol	0.057	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.11	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.057	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.057	U	ug/L	P436384	
		1-Methylnaphthalene	0.11	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.11	U	ug/L	P436384	
2444192	FL-PRO 2018	TRPH	0.64	U	mg/L	P436467	
2444230	EPA 8270E	Aldrin	0.71	U	ng/L	P436476	
		Alpha-BHC	0.11	U	ng/L	P436476	
		Alpha-Chlordane	0.22	U	ng/L	P436476	
		Beta-BHC	0.11	U	ng/L	P436476	
		Beta-Cyfluthrin	1.4	U	ng/L	P436476	
		Bifenthrin	0.55	U	ng/L	P436476	
		Chlorothalonil	3.9	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.22	U	ng/L	P436476	
		Cypermethrin	1.6	U	ng/L	P436476	
		Dacthal	0.16	U	ng/L	P436476	
		DDD-p,p'	0.28	I	ng/L	P436476	
		DDE-p,p'	0.22	U	ng/L	P436476	
		DDT-p,p'	0.87	U	ng/L	P436476	
		Delta-BHC	0.44	U	ng/L	P436476	
		Deltamethrin	1.4	U	ng/L	P436476	
		Dichlobenil	0.27	U	ng/L	P436476	
		Dicofol	1.4	U	ng/L	P436476	
		Dieldrin	0.44	U	ng/L	P436476	
		Endosulfan I	0.44	U	ng/L	P436476	
		Endosulfan II	0.98	U	ng/L	P436476	
		Endosulfan Sulfate	0.33	U	ng/L	P436476	
		Endrin	0.98	U	ng/L	P436476	
		Endrin Aldehyde	0.82	U	ng/L	P436476	
		Endrin Ketone	0.44	U	ng/L	P436476	
		Esfenvalerate	0.82	U	ng/L	P436476	
		Ethalfuralin	0.16	U	ng/L	P436476	
		Fenpropathrin	0.27	U	ng/L	P436476	
		Gamma-BHC	0.14	U	ng/L	P436476	
		Gamma-Chlordane	0.22	U	ng/L	P436476	
		Heptachlor	0.22	U	ng/L	P436476	
		Heptachlor Epoxide	0.27	U	ng/L	P436476	
		Hexachlorobenzene**	1.1	U	ng/L	P436476	
		Kepone	15	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.82	U	ng/L	P436476	
		Methoprene	0.82	U	ng/L	P436476	
		Methoxychlor	0.33	U	ng/L	P436476	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444230	EPA 8270E	MGK-264	0.22	U	ng/L	P436476	
		Mirex	0.38	U	ng/L	P436476	
		Oxychlordane	0.33	U	ng/L	P436476	
		Permethrin	1.7	U	ng/L	P436476	
		Phenothrin	0.98	U	ng/L	P436476	
		Piperonyl Butoxide	0.16	U	ng/L	P436476	
		Prallethrin	2.2	U	ng/L	P436476	
		Tau-Fluvalinate	0.27	U	ng/L	P436476	
		Tetramethrin	0.82	U	ng/L	P436476	
		Trans-Nonachlor	0.22	U	ng/L	P436476	
		Triclosan Methyl	0.16	U	ng/L	P436476	
		Trifluralin	0.22	U	ng/L	P436476	
		Chlordane	2.2	U	ng/L	P436476	
		Toxaphene	16	U	ng/L	P436476	
2444236	EPA 8270E	Acetochlor	0.23	U	ng/L	P436252	
		Alachlor	0.46	U	ng/L	P436252	
		Ametryn	1.3	U	ng/L	P436252	
		Atrazine	0.23	U	ng/L	P436252	
		Atrazine Desethyl	1.5	U	ng/L	P436252	
		Azinphos Methyl	3.4	U	ng/L	P436252	
		Azoxystrobin	0.46	U	ng/L	P436252	
		Bromacil	0.68	U	ng/L	P436252	
		Butylate	0.51	U	ng/L	P436252	
		Caffeine**	8.6	U	ng/L	P436252	
		Carbophenothion	0.57	U	ng/L	P436252	
		Carfentrazone Ethyl	0.17	U	ng/L	P436252	
		Chlorfenapyr	0.34	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.34	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.11	U	ng/L	P436252	
		Coumaphos	1.2	U	ng/L	P436252	
		Cyanazine	5.7	U	ng/L	P436252	
		Cyprodinil	0.23	U	ng/L	P436252	
		Demeton	4.0	U	ng/L	P436252	
		Diazinon	0.14	U	ng/L	P436252	
		Difenoconazole	0.68	UJ	ng/L	P436252	CCV
		Dimethenamid	0.11	U	ng/L	P436252	
		Dimethomorph	0.34	U	ng/L	P436252	
		Disulfoton	0.68	U	ng/L	P436252	
		Dithiopyr	1.1	U	ng/L	P436252	
		EPTC	0.57	U	ng/L	P436252	
		Ethion	0.34	U	ng/L	P436252	
		Ethoprop	0.14	U	ng/L	P436252	
		Etridiazole	0.11	U	ng/L	P436252	
		Fenamiphos	0.51	U	ng/L	P436252	
		Fenbuconazole	0.57	U	ng/L	P436252	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444236	EPA 8270E	Fipronil	0.23	U	ng/L	P436252	MS, RPD
		Fipronil Desulfinyl**	0.11	U	ng/L	P436252	MS, RPD
		Fipronil Sulfide	2.5		ng/L	P436252	MS, RPD
		Fipronil Sulfone	5.5		ng/L	P436252	RPD
		Fluazifop-P-butyl	0.11	U	ng/L	P436252	RPD
		Fludioxonil	0.11	U	ng/L	P436252	
		Flumioxazin	3.4	U	ng/L	P436252	
		Flutolanil	0.11	U	ng/L	P436252	RPD
		Fluxapyroxad	0.29	U	ng/L	P436252	
		Fonofos	0.17	U	ng/L	P436252	
		Hexazinone	0.57	U	ng/L	P436252	
		Imazalil	0.74	U	ng/L	P436252	
		Iprodione	0.57	U	ng/L	P436252	
		Loratadine**	0.34	U	ng/L	P436252	
		Malathion	0.40	U	ng/L	P436252	
		Metalaxyl	0.57	U	ng/L	P436252	
		Metolachlor	0.86	U	ng/L	P436252	
		Metribuzin	0.46	U	ng/L	P436252	
		Mevinphos	1.1	U	ng/L	P436252	
		Molinate	0.29	U	ng/L	P436252	
		Myclobutanil	0.40	U	ng/L	P436252	
		Naled	2.9	U	ng/L	P436252	
		Napropamide	0.80	U	ng/L	P436252	
		Norflurazon	1.1	U	ng/L	P436252	
		Oxadiazon	0.40	U	ng/L	P436252	
		Oxyfluorfen	0.23	U	ng/L	P436252	
		Parathion Ethyl	0.17	U	ng/L	P436252	
		Parathion Methyl	0.23	U	ng/L	P436252	
		Pendimethalin	0.86	U	ng/L	P436252	
		Phenytion**	6.1	U	ng/L	P436252	
		Phorate	0.29	U	ng/L	P436252	
		Prodiamine	0.23	U	ng/L	P436252	
		Prometon	3.4	U	ng/L	P436252	
		Prometryn	0.40	U	ng/L	P436252	
		Pronamide	0.11	U	ng/L	P436252	
		Propanil	0.11	U	ng/L	P436252	
		Propargite	0.91	U	ng/L	P436252	
		Propiconazole	0.68	U	ng/L	P436252	
		Pyraflufen Ethyl	0.34	U	ng/L	P436252	
		Pyridaben	1.6	U	ng/L	P436252	
		Pyriproxyfen	0.29	U	ng/L	P436252	
		Simazine	0.29	U	ng/L	P436252	
		Stirophos	0.46	U	ng/L	P436252	
		Sulfentrazone	43		ng/L	P436252	
		Tebuconazole	1.6	U	ng/L	P436252	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444236	EPA 8270E	Terbufos	0.23	U	ng/L	P436252	
		Terbutylazine	0.23	U	ng/L	P436252	
		Thiobencarb	0.57	U	ng/L	P436252	
		Triadimefon	0.17	U	ng/L	P436252	
2444266	EPA 200.7 Rev. 4.4	Calcium	16.6		mg/L	P436406	
		Iron	280		ug/L	P436406	
		Magnesium	2.84		mg/L	P436406	
		Potassium	1.2		mg/L	P436406	
		Sodium	17.3		mg/L	P436406	
		Strontium	132		ug/L	P436406	
		Tin	3.8	I	ug/L	P436406	
		Titanium	0.76	I	ug/L	P436406	
		Vanadium	2.0	U	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	47		ug/L	P436406	
		Antimony	0.050	U	ug/L	P436406	
		Arsenic	0.20		ug/L	P436406	
		Barium	12.8		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	29.0		ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.40	U	ug/L	P436406	
		Cobalt	0.048	I	ug/L	P436406	
		Copper	0.40	U	ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	20.3		ug/L	P436406	
		Molybdenum	0.15	U	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.20	U	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
2444272	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 4

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444272	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: County Storm Drain (highest mortality)

Collection Date/Time: 10/10/2023 12:20

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444187	EPA 8270E	Acenaphthene	0.036	I	ug/L	P436384	
		Acenaphthylene	0.026	U	ug/L	P436384	
		Acetophenone	0.20	U	ug/L	P436384	
		2-Acetylaminofluorene	1.0	U	ug/L	P436384	
		4-Aminobiphenyl	4.1	U	ug/L	P436384	
		Aniline	1.0	U	ug/L	P436384	
		Anthracene	0.051	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.051	U	ug/L	P436384	
		Benzidine	10	U	ug/L	P436384	
		Benzo(a)anthracene	0.026	U	ug/L	P436384	
		Benzo(a)pyrene	0.026	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.026	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.026	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.026	U	ug/L	P436384	
		Benzyl alcohol	0.20	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.051	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.051	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.051	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.1	U	ug/L	P436384	
		Butyl benzyl phthalate	1.0	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.051	U	ug/L	P436384	
		2-Chloronaphthalene	0.051	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.051	U	ug/L	P436384	
		Carbazole	0.051	U	ug/L	P436384	
		Chrysene	0.026	U	ug/L	P436384	
		m,p-Cresols	0.051	U	ug/L	P436384	
		o-Cresol	0.051	U	ug/L	P436384	
		Di-n-butyl phthalate	2.0	U	ug/L	P436384	
		Di-n-octyl phthalate	0.051	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.026	U	ug/L	P436384	
		Dibenzofuran	0.051	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	10	U	ug/L	P436384	
		Diethyl phthalate	2.0	U	ug/L	P436384	
		Dimethyl phthalate	0.20	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.051	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.10	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.20	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.051	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.051	U	ug/L	P436384	
		Dinoseb	4.1	U	ug/L	P436384	
		Ethyl methanesulfonate	1.0	U	ug/L	P436384	
		Fluoranthene	0.051	U	ug/L	P436384	
		Fluorene	0.028	I	ug/L	P436384	
		Hexachlorobenzene	0.051	U	ug/L	P436384	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444187	EPA 8270E	Hexachlorobutadiene	0.051	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.051	U	ug/L	P436384	
		Hexachloroethane	0.051	U	ug/L	P436384	
		Hexachloropropene	0.051	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.026	U	ug/L	P436384	
		Isophorone	0.051	U	ug/L	P436384	
		Isosafrole	0.051	U	ug/L	P436384	
		3-Methylcholanthrene	0.10	U	ug/L	P436384	
		2-Methylnaphthalene	0.10	U	ug/L	P436384	
		Naphthalene	0.10	U	ug/L	P436384	
		1-Naphthylamine	10	U	ug/L	P436384	
		2-Naphthylamine	10	U	ug/L	P436384	
		2-Nitroaniline	0.051	U	ug/L	P436384	
		Nitrobenzene	0.051	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.10	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.051	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.0	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.0	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.051	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.0	U	ug/L	P436384	
		N-Nitrosomorpholine	0.051	U	ug/L	P436384	
		N-Nitrosopiperidine	0.051	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.10	U	ug/L	P436384	
		Pentachlorobenzene	0.051	U	ug/L	P436384	
		Pentachloroethane	0.051	U	ug/L	P436384	
		Pentachloronitrobenzene	0.051	U	ug/L	P436384	
		Phenacetin	1.0	U	ug/L	P436384	
		Phenanthrene	0.10	U	ug/L	P436384	
		2-Picoline	1.0	U	ug/L	P436384	
		Pyrene	0.10	U	ug/L	P436384	
		Pyridine	4.1	U	ug/L	P436384	
		Safrole	0.051	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.051	U	ug/L	P436384	
		o-Toluidine	0.10	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.051	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.20	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.051	U	ug/L	P436384	
		2-Chlorophenol	0.051	U	ug/L	P436384	
		2,4-Dichlorophenol	0.051	U	ug/L	P436384	
		2,6-Dichlorophenol	0.051	U	ug/L	P436384	
		2,4-Dimethylphenol	0.051	U	ug/L	P436384	
		2,4-Dinitrophenol	10	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.1	U	ug/L	P436384	
		2-Nitrophenol	0.051	U	ug/L	P436384	
		4-Nitrophenol	10	U	ug/L	P436384	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444187	EPA 8270E	Pentachlorophenol	0.51	U	ug/L	P436384	
		Phenol	0.051	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.10	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.051	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.051	U	ug/L	P436384	
		1-Methylnaphthalene	0.10	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.10	U	ug/L	P436384	
2444193	FL-PRO 2018	TRPH	0.62	U	mg/L	P436467	
2444231	EPA 8270E	Aldrin	0.71	U	ng/L	P436476	
		Alpha-BHC	0.11	U	ng/L	P436476	
		Alpha-Chlordane	0.22	U	ng/L	P436476	
		Beta-BHC	0.11	U	ng/L	P436476	
		Beta-Cyfluthrin	1.4	U	ng/L	P436476	
		Bifenthrin	0.55	U	ng/L	P436476	
		Chlorothalonil	3.9	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.22	U	ng/L	P436476	
		Cypermethrin	1.6	U	ng/L	P436476	
		Dacthal	0.16	U	ng/L	P436476	
		DDD-p,p'	0.27	U	ng/L	P436476	
		DDE-p,p'	0.22	U	ng/L	P436476	
		DDT-p,p'	0.88	U	ng/L	P436476	
		Delta-BHC	0.44	U	ng/L	P436476	
		Deltamethrin	1.4	U	ng/L	P436476	
		Dichlobenil	0.27	U	ng/L	P436476	
		Dicofol	1.4	U	ng/L	P436476	
		Dieldrin	0.44	U	ng/L	P436476	
		Endosulfan I	0.44	U	ng/L	P436476	
		Endosulfan II	0.98	U	ng/L	P436476	
		Endosulfan Sulfate	0.33	U	ng/L	P436476	
		Endrin	0.98	U	ng/L	P436476	
		Endrin Aldehyde	0.82	U	ng/L	P436476	
		Endrin Ketone	0.44	U	ng/L	P436476	
		Esfenvalerate	0.82	U	ng/L	P436476	
		Ethalfuralin	0.16	U	ng/L	P436476	
		Fenpropathrin	0.27	U	ng/L	P436476	
		Gamma-BHC	0.14	U	ng/L	P436476	
		Gamma-Chlordane	0.22	U	ng/L	P436476	
		Heptachlor	0.22	U	ng/L	P436476	
		Heptachlor Epoxide	0.27	U	ng/L	P436476	
		Hexachlorobenzene**	1.1	U	ng/L	P436476	
		Kepone	15	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.82	U	ng/L	P436476	
		Methoprene	0.82	U	ng/L	P436476	
		Methoxychlor	0.33	U	ng/L	P436476	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444231	EPA 8270E	MGK-264	0.22	U	ng/L	P436476	
		Mirex	0.38	U	ng/L	P436476	
		Oxychlordane	0.33	U	ng/L	P436476	
		Permethrin	1.8	U	ng/L	P436476	
		Phenothrin	0.98	U	ng/L	P436476	
		Piperonyl Butoxide	1.7		ng/L	P436476	
		Prallethrin	2.2	U	ng/L	P436476	
		Tau-Fluvalinate	0.27	U	ng/L	P436476	
		Tetramethrin	0.82	U	ng/L	P436476	
		Trans-Nonachlor	0.22	U	ng/L	P436476	
		Triclosan Methyl	0.16	U	ng/L	P436476	
		Trifluralin	0.22	U	ng/L	P436476	
		Chlordane	2.2	U	ng/L	P436476	
		Toxaphene	16	U	ng/L	P436476	
2444237	EPA 8270E						
		Acetochlor	0.21	U	ng/L	P436252	
		Alachlor	0.41	U	ng/L	P436252	
		Ametryn	1.1	U	ng/L	P436252	
		Atrazine	0.76	I	ng/L	P436252	
		Atrazine Desethyl	1.3	U	ng/L	P436252	
		Azinphos Methyl	3.1	U	ng/L	P436252	
		Azoxystrobin	0.41	U	ng/L	P436252	
		Bromacil	0.62	U	ng/L	P436252	
		Butylate	0.47	U	ng/L	P436252	
		Caffeine**	7.8	U	ng/L	P436252	
		Carbophenothion	0.52	U	ng/L	P436252	
		Carfentrazone Ethyl	0.16	U	ng/L	P436252	
		Chlorfenapyr	0.31	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.31	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.10	U	ng/L	P436252	
		Coumaphos	1.1	U	ng/L	P436252	
		Cyanazine	5.2	U	ng/L	P436252	
		Cyprodinil	0.21	U	ng/L	P436252	
		Demeton	3.6	U	ng/L	P436252	
		Diazinon	0.13	U	ng/L	P436252	
		Difenoconazole	0.62	UJ	ng/L	P436252	CCV
		Dimethenamid	0.10	U	ng/L	P436252	
		Dimethomorph	0.31	U	ng/L	P436252	
		Disulfoton	0.62	U	ng/L	P436252	
		Dithiopyr	1.0	U	ng/L	P436252	
		EPTC	0.52	U	ng/L	P436252	
		Ethion	0.31	U	ng/L	P436252	
		Ethoprop	0.13	U	ng/L	P436252	
		Etridiazole	0.10	U	ng/L	P436252	
		Fenamiphos	0.47	U	ng/L	P436252	
		Fenbuconazole	0.52	U	ng/L	P436252	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444237	EPA 8270E	Fipronil	0.21	U	ng/L	P436252	MS, RPD
		Fipronil Desulfinyl**	0.10	U	ng/L	P436252	MS, RPD
		Fipronil Sulfide	0.28	I	ng/L	P436252	MS, RPD
		Fipronil Sulfone	0.10	U	ng/L	P436252	RPD
		Fluazifop-P-butyl	0.10	U	ng/L	P436252	RPD
		Fludioxonil	0.10	U	ng/L	P436252	
		Flumioxazin	3.1	U	ng/L	P436252	
		Flutolanil	0.10	U	ng/L	P436252	RPD
		Fluxapyroxad	0.26	U	ng/L	P436252	
		Fonofos	0.16	U	ng/L	P436252	
		Hexazinone	0.52	U	ng/L	P436252	
		Imazalil	0.67	U	ng/L	P436252	
		Iprodione	0.52	U	ng/L	P436252	
		Loratadine**	0.31	U	ng/L	P436252	
		Malathion	0.36	U	ng/L	P436252	
		Metalaxyl	0.52	U	ng/L	P436252	
		Metolachlor	0.78	U	ng/L	P436252	
		Metribuzin	0.41	U	ng/L	P436252	
		Mevinphos	1.0	U	ng/L	P436252	
		Molinate	0.26	U	ng/L	P436252	
		Myclobutanil	0.36	U	ng/L	P436252	
		Naled	2.6	U	ng/L	P436252	
		Napropamide	0.72	U	ng/L	P436252	
		Norflurazon	1.0	U	ng/L	P436252	
		Oxadiazon	0.64	I	ng/L	P436252	
		Oxyfluorfen	0.21	U	ng/L	P436252	
		Parathion Ethyl	0.16	U	ng/L	P436252	
		Parathion Methyl	0.21	U	ng/L	P436252	
		Pendimethalin	0.78	U	ng/L	P436252	
		Phenytol**	5.5	U	ng/L	P436252	
		Phorate	0.26	U	ng/L	P436252	
		Prodiamine	0.21	U	ng/L	P436252	
		Prometon	3.1	U	ng/L	P436252	
		Prometryn	0.36	U	ng/L	P436252	
		Pronamide	0.10	U	ng/L	P436252	
		Propanil	0.10	U	ng/L	P436252	
		Propargite	0.83	U	ng/L	P436252	
		Propiconazole	0.62	U	ng/L	P436252	
		Pyraflufen Ethyl	0.31	U	ng/L	P436252	
		Pyridaben	1.4	U	ng/L	P436252	
		Pyriproxyfen	0.26	U	ng/L	P436252	
		Simazine	0.26	U	ng/L	P436252	
		Stirophos	0.41	U	ng/L	P436252	
		Sulfentrazone	57		ng/L	P436252	
		Tebuconazole	1.4	U	ng/L	P436252	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444237	EPA 8270E	Terbufos	0.21	U	ng/L	P436252	
		Terbuthylazine	0.21	U	ng/L	P436252	
		Thiobencarb	0.52	U	ng/L	P436252	
		Triadimefon	0.16	U	ng/L	P436252	
2444267	EPA 200.7 Rev. 4.4	Calcium	25.6		mg/L	P436406	
		Iron	350		ug/L	P436406	
		Magnesium	8.56		mg/L	P436406	
		Potassium	4.6		mg/L	P436406	
		Sodium	64.0		mg/L	P436406	
		Strontium	397		ug/L	P436406	
		Tin	5.7	I	ug/L	P436406	
		Titanium	2.7	I	ug/L	P436406	
		Vanadium	2.4	I	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	219		ug/L	P436406	
		Antimony	0.10	I	ug/L	P436406	
		Arsenic	1.38		ug/L	P436406	
		Barium	11.1		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	61.4		ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.70	I	ug/L	P436406	
		Cobalt	0.062	I	ug/L	P436406	
		Copper	0.50	I	ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	11.3		ug/L	P436406	
		Molybdenum	0.39	I	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.31	I	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
2444273	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 5

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444273	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.

Sample Location: Edge Water Access 41

Collection Date/Time: 10/10/2023 13:00

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444188	EPA 8270E	Acenaphthene	0.027	U	ug/L	P436384	
		Acenaphthylene	0.027	U	ug/L	P436384	
		Acetophenone	0.21	U	ug/L	P436384	
		2-Acetylaminofluorene	1.1	U	ug/L	P436384	
		4-Aminobiphenyl	4.3	U	ug/L	P436384	
		Aniline	1.1	U	ug/L	P436384	
		Anthracene	0.053	U	ug/L	P436384	
		Azobenzene/1,2-Diphenylhydrazine	0.053	U	ug/L	P436384	
		Benzidine	11	U	ug/L	P436384	
		Benzo(a)anthracene	0.027	U	ug/L	P436384	
		Benzo(a)pyrene	0.027	U	ug/L	P436384	
		Benzo(b)fluoranthene	0.027	U	ug/L	P436384	
		Benzo(k)fluoranthene	0.027	U	ug/L	P436384	
		Benzo(g,h,i)perylene	0.027	U	ug/L	P436384	
		Benzyl alcohol	0.21	U	ug/L	P436384	
		Bis(2-chloroethoxy)methane	0.053	U	ug/L	P436384	
		Bis(2-chloroethyl)ether	0.053	U	ug/L	P436384	
		Bis(2-chloroisopropyl)ether	0.053	U	ug/L	P436384	
		Bis(2-ethylhexyl)phthalate	5.3	U	ug/L	P436384	
		Butyl benzyl phthalate	1.1	U	ug/L	P436384	
		4-Bromophenyl phenyl ether	0.053	U	ug/L	P436384	
		2-Chloronaphthalene	0.053	U	ug/L	P436384	
		4-Chlorophenyl phenyl ether	0.053	U	ug/L	P436384	
		Carbazole	0.053	U	ug/L	P436384	
		Chrysene	0.027	U	ug/L	P436384	
		m,p-Cresols	0.053	U	ug/L	P436384	
		o-Cresol	0.053	U	ug/L	P436384	
		Di-n-butyl phthalate	2.1	U	ug/L	P436384	
		Di-n-octyl phthalate	0.053	U	ug/L	P436384	
		Dibenzo(a,h)anthracene	0.027	U	ug/L	P436384	
		Dibenzofuran	0.053	U	ug/L	P436384	
		3,3'-Dichlorobenzidine	11	U	ug/L	P436384	
		Diethyl phthalate	2.1	U	ug/L	P436384	
		Dimethyl phthalate	0.21	U	ug/L	P436384	
		Dimethylaminoazobenzene	0.053	U	ug/L	P436384	
		7,12-Dimethylbenz(a)anthracene	0.11	U	ug/L	P436384	
		1,3-Dinitrobenzene	0.21	U	ug/L	P436384	
		2,4-Dinitrotoluene	0.053	U	ug/L	P436384	
		2,6-Dinitrotoluene	0.053	U	ug/L	P436384	
		Dinoseb	4.3	U	ug/L	P436384	
		Ethyl methanesulfonate	1.1	U	ug/L	P436384	
		Fluoranthene	0.053	U	ug/L	P436384	
		Fluorene	0.027	U	ug/L	P436384	
		Hexachlorobenzene	0.053	U	ug/L	P436384	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444188	EPA 8270E	Hexachlorobutadiene	0.053	U	ug/L	P436384	
		Hexachlorocyclopentadiene	0.053	U	ug/L	P436384	
		Hexachloroethane	0.053	U	ug/L	P436384	
		Hexachloropropene	0.053	U	ug/L	P436384	
		Indeno(1,2,3-cd)pyrene	0.027	U	ug/L	P436384	
		Isophorone	0.053	U	ug/L	P436384	
		Isosafrole	0.053	U	ug/L	P436384	
		3-Methylcholanthrene	0.11	U	ug/L	P436384	
		2-Methylnaphthalene	0.11	U	ug/L	P436384	
		Naphthalene	0.11	U	ug/L	P436384	
		1-Naphthylamine	11	U	ug/L	P436384	
		2-Naphthylamine	11	U	ug/L	P436384	
		2-Nitroaniline	0.053	U	ug/L	P436384	
		Nitrobenzene	0.053	U	ug/L	P436384	
		5-Nitro-o-toluidine	0.11	U	ug/L	P436384	
		N-Nitrosodi-n-butylamine	0.053	U	ug/L	P436384	
		N-Nitrosodiethylamine	1.1	U	ug/L	P436384	
		N-Nitrosodimethylamine	2.1	U	ug/L	P436384	
		N-Nitrosodi-n-propylamine	0.053	U	ug/L	P436384	
		N-Nitrosomethylethylamine	2.1	U	ug/L	P436384	
		N-Nitrosomorpholine	0.053	U	ug/L	P436384	
		N-Nitrosopiperidine	0.053	U	ug/L	P436384	
		N-Nitrosopyrrolidine	0.11	U	ug/L	P436384	
		Pentachlorobenzene	0.053	U	ug/L	P436384	
		Pentachloroethane	0.053	U	ug/L	P436384	
		Pentachloronitrobenzene	0.053	U	ug/L	P436384	
		Phenacetin	1.1	U	ug/L	P436384	
		Phenanthrene	0.11	U	ug/L	P436384	
		2-Picoline	1.1	U	ug/L	P436384	
		Pyrene	0.11	U	ug/L	P436384	
		Pyridine	4.3	U	ug/L	P436384	
		Safrole	0.053	U	ug/L	P436384	
		1,2,4,5-Tetrachlorobenzene	0.053	U	ug/L	P436384	
		o-Toluidine	0.11	U	ug/L	P436384	
		1,2,4-Trichlorobenzene	0.053	U	ug/L	P436384	
		1,3,5-Trinitrobenzene	0.21	U	ug/L	P436384	
		4-Chloro-3-methylphenol	0.053	U	ug/L	P436384	
		2-Chlorophenol	0.053	U	ug/L	P436384	
		2,4-Dichlorophenol	0.053	U	ug/L	P436384	
		2,6-Dichlorophenol	0.053	U	ug/L	P436384	
		2,4-Dimethylphenol	0.053	U	ug/L	P436384	
		2,4-Dinitrophenol	11	U	ug/L	P436384	
		2-Methyl-4,6-dinitrophenol	3.2	U	ug/L	P436384	
		2-Nitrophenol	0.053	U	ug/L	P436384	
		4-Nitrophenol	11	U	ug/L	P436384	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444188	EPA 8270E	Pentachlorophenol	0.53	U	ug/L	P436384	
		Phenol	0.053	U	ug/L	P436384	
		2,3,4,6-Tetrachlorophenol	0.11	U	ug/L	P436384	
		2,4,5-Trichlorophenol	0.053	U	ug/L	P436384	
		2,4,6-Trichlorophenol	0.053	U	ug/L	P436384	
		1-Methylnaphthalene	0.11	U	ug/L	P436384	
		N-Nitrosodiphenylamine/ Diphenylamine	0.11	U	ug/L	P436384	
2444194	FL-PRO 2018	TRPH	0.61	U	mg/L	P436467	
2444232	EPA 8270E	Aldrin	0.68	U	ng/L	P436476	
		Alpha-BHC	0.10	U	ng/L	P436476	
		Alpha-Chlordane	0.49	I	ng/L	P436476	
		Beta-BHC	0.10	U	ng/L	P436476	
		Beta-Cyfluthrin	1.3	U	ng/L	P436476	
		Bifenthrin	0.52	U	ng/L	P436476	
		Chlorothalonil	3.7	UJ	ng/L	P436476	CCV
		Cis-Nonachlor	0.21	U	ng/L	P436476	
		Cypermethrin	1.6	U	ng/L	P436476	
		Dacthal	0.16	U	ng/L	P436476	
		DDD-p,p'	0.26	U	ng/L	P436476	
		DDE-p,p'	0.21	U	ng/L	P436476	
		DDT-p,p'	0.83	U	ng/L	P436476	
		Delta-BHC	0.42	U	ng/L	P436476	
		Deltamethrin	1.3	U	ng/L	P436476	
		Dichlobenil	0.26	U	ng/L	P436476	
		Dicofol	1.3	U	ng/L	P436476	
		Dieldrin	0.42	U	ng/L	P436476	
		Endosulfan I	0.42	U	ng/L	P436476	
		Endosulfan II	0.94	U	ng/L	P436476	
		Endosulfan Sulfate	0.31	U	ng/L	P436476	
		Endrin	0.94	U	ng/L	P436476	
		Endrin Aldehyde	0.78	U	ng/L	P436476	
		Endrin Ketone	0.42	U	ng/L	P436476	
		Esfenvalerate	0.78	U	ng/L	P436476	
		Ethalfuralin	0.16	U	ng/L	P436476	
		Fenpropathrin	0.26	U	ng/L	P436476	
		Gamma-BHC	0.13	U	ng/L	P436476	
		Gamma-Chlordane	1.4		ng/L	P436476	
		Heptachlor	0.21	U	ng/L	P436476	
		Heptachlor Epoxide	1.6		ng/L	P436476	
		Hexachlorobenzene**	1.0	U	ng/L	P436476	
		Kepone	14	UJ	ng/L	P436476	CCV
		Lambda-Cyhalothrin	0.78	U	ng/L	P436476	
		Methoprene	0.78	U	ng/L	P436476	
		Methoxychlor	0.31	U	ng/L	P436476	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444232	EPA 8270E	MGK-264	0.21	U	ng/L	P436476	
		Mirex	0.36	U	ng/L	P436476	
		Oxychlordane	0.31	U	ng/L	P436476	
		Permethrin	1.7	U	ng/L	P436476	
		Phenothrin	0.94	U	ng/L	P436476	
		Piperonyl Butoxide	0.77	I	ng/L	P436476	
		Prallethrin	2.1	U	ng/L	P436476	
		Tau-Fluvalinate	0.26	U	ng/L	P436476	
		Tetramethrin	0.78	U	ng/L	P436476	
		Trans-Nonachlor	0.21	U	ng/L	P436476	
		Triclosan Methyl	0.16	U	ng/L	P436476	
		Trifluralin	0.21	U	ng/L	P436476	
	EPA 8276	Chlordane	3.9	I J	ng/L	P436476	SUR
		Toxaphene	16	UJ	ng/L	P436476	SUR
2444238	EPA 8270E	Acetochlor	0.21	U	ng/L	P436252	
		Alachlor	0.41	U	ng/L	P436252	
		Ametryn	1.1	U	ng/L	P436252	
		Atrazine	0.44	I	ng/L	P436252	
		Atrazine Desethyl	1.3	U	ng/L	P436252	
		Azinphos Methyl	3.1	U	ng/L	P436252	
		Azoxystrobin	0.41	U	ng/L	P436252	
		Bromacil	0.62	U	ng/L	P436252	
		Butylate	0.46	U	ng/L	P436252	
		Caffeine**	790		ng/L	P436252	
		Carbophenothion	0.52	U	ng/L	P436252	
		Carfentrazone Ethyl	0.15	U	ng/L	P436252	
		Chlorfenapyr	0.31	U	ng/L	P436252	
		Chlorpyrifos Ethyl	0.31	U	ng/L	P436252	
		Chlorpyrifos Methyl	0.10	U	ng/L	P436252	
		Coumaphos	1.1	U	ng/L	P436252	
		Cyanazine	5.2	U	ng/L	P436252	
		Cyprodinil	0.21	U	ng/L	P436252	
		Demeton	3.6	U	ng/L	P436252	
		Diazinon	0.13	U	ng/L	P436252	
		Difenoconazole	0.62	UJ	ng/L	P436252	CCV
		Dimethenamid	0.10	U	ng/L	P436252	
		Dimethomorph	0.31	U	ng/L	P436252	
		Disulfoton	0.62	U	ng/L	P436252	
		Dithiopyr	1.0	U	ng/L	P436252	
		EPTC	0.52	U	ng/L	P436252	
		Ethion	0.31	U	ng/L	P436252	
		Ethoprop	0.13	U	ng/L	P436252	
		Etridiazole	0.10	U	ng/L	P436252	
		Fenamiphos	0.46	U	ng/L	P436252	
		Fenbuconazole	0.52	U	ng/L	P436252	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444238	EPA 8270E	Fipronil	0.25	I	ng/L	P436252	MS, RPD
		Fipronil DesulfinyI**	0.51	I	ng/L	P436252	MS, RPD
		Fipronil Sulfide	10		ng/L	P436252	MS, RPD
		Fipronil Sulfone	12		ng/L	P436252	RPD
		Fluazifop-P-butyl	0.10	U	ng/L	P436252	RPD
		Fludioxonil	0.10	U	ng/L	P436252	
		Flumioxazin	3.1	U	ng/L	P436252	
		Flutolanil	1.8		ng/L	P436252	RPD
		Fluxapyroxad	0.40	I	ng/L	P436252	
		Fonofos	0.15	U	ng/L	P436252	
		Hexazinone	0.52	U	ng/L	P436252	
		Imazalil	0.67	U	ng/L	P436252	
		Iprodione	0.52	U	ng/L	P436252	
		Loratadine**	0.31	U	ng/L	P436252	
		Malathion	0.36	U	ng/L	P436252	
		Metalaxyl	0.52	U	ng/L	P436252	
		Metolachlor	0.77	U	ng/L	P436252	
		Metribuzin	0.41	U	ng/L	P436252	
		Mevinphos	1.0	U	ng/L	P436252	
		Molinate	0.26	U	ng/L	P436252	
		Myclobutanil	0.36	U	ng/L	P436252	
		Naled	2.6	U	ng/L	P436252	
		Napropamide	0.72	U	ng/L	P436252	
		Norflurazon	1.0	U	ng/L	P436252	
		Oxadiazon	7.7		ng/L	P436252	
		Oxyfluorfen	0.21	U	ng/L	P436252	
		Parathion Ethyl	0.15	U	ng/L	P436252	
		Parathion Methyl	0.21	U	ng/L	P436252	
		Pendimethalin	0.77	U	ng/L	P436252	
		Phenytain**	5.5	U	ng/L	P436252	
		Phorate	0.26	U	ng/L	P436252	
		Prodiamine	0.21	U	ng/L	P436252	
		Prometon	3.1	U	ng/L	P436252	
		Prometryn	0.36	U	ng/L	P436252	
		Pronamide	0.10	U	ng/L	P436252	
		Propanil	0.10	U	ng/L	P436252	
		Propargite	0.83	U	ng/L	P436252	
		Propiconazole	0.62	U	ng/L	P436252	
		Pyraflufen Ethyl	0.31	U	ng/L	P436252	
		Pyridaben	1.4	U	ng/L	P436252	
		Pyriproxyfen	0.26	U	ng/L	P436252	
		Simazine	0.26	U	ng/L	P436252	
		Stirophos	0.41	U	ng/L	P436252	
		Sulfentrazone	93		ng/L	P436252	
		Tebuconazole	2.4	I	ng/L	P436252	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444238	EPA 8270E	Terbufos	0.21	U	ng/L	P436252	
		Terbuthylazine	0.21	U	ng/L	P436252	
		Thiobencarb	0.52	U	ng/L	P436252	
		Triadimefon	0.15	U	ng/L	P436252	
2444268	EPA 200.7 Rev. 4.4	Calcium	23.4		mg/L	P436406	
		Iron	350		ug/L	P436406	
		Magnesium	4.55		mg/L	P436406	
		Potassium	2.3		mg/L	P436406	
		Sodium	20.0		mg/L	P436406	
		Strontium	241		ug/L	P436406	
		Tin	4.7	I	ug/L	P436406	
		Titanium	2.9	I	ug/L	P436406	
		Vanadium	2.0	U	ug/L	P436406	
		Zinc	5.0	U	ug/L	P436406	
	EPA 200.8 Rev. 5.4	Aluminum	121		ug/L	P436406	
		Antimony	0.11	I	ug/L	P436406	
		Arsenic	2.19		ug/L	P436406	
		Barium	10.3		ug/L	P436406	
		Beryllium	0.010	U	ug/L	P436406	
		Boron	39.3	Y	ug/L	P436406	
		Cadmium	0.020	U	ug/L	P436406	
		Chromium	0.40	U	ug/L	P436406	
		Cobalt	0.053	I	ug/L	P436406	
		Copper	0.47	I	ug/L	P436406	
		Lead	0.20	U	ug/L	P436406	
		Manganese	13.1		ug/L	P436406	
		Molybdenum	0.25	I	ug/L	P436406	
		Nickel	0.50	U	ug/L	P436406	
		Selenium	0.20	U	ug/L	P436406	
		Silver	0.010	U	ug/L	P436406	
		Thallium	0.10	U	ug/L	P436406	
2444274	EPA 8321B	Anatoxin-a	0.25	U	ug/L	P436079	
		Cylindrospermopsin	0.10	U	ug/L	P436078	
		Desmethyl microcystin LR	0.25	U	ug/L	P436078	
		Microcystin HilR	0.25	U	ug/L	P436078	
		Microcystin HtyR	0.25	U	ug/L	P436078	
		Microcystin LA	0.10	U	ug/L	P436078	
		Microcystin LF	0.10	U	ug/L	P436078	
		Microcystin LR	0.25	U	ug/L	P436078	
		Microcystin LW	0.25	U	ug/L	P436078	
		Microcystin LY	0.10	U	ug/L	P436078	
		Microcystin RR	0.10	U	ug/L	P436078	
		Microcystin WR	0.50	U	ug/L	P436078	
		Neosaxitoxin	0.50	U	ug/L	P436079	
		Microcystin YR	0.25	U	ug/L	P436078	

Field ID: Storm Drain # 6

Matrix: W-SURF-FRH

Sample ID	Ref. Method	Component	Result	Code	Units	Batch ID	QC Codes
2444274	EPA 8321B	Saxitoxin	0.50	U	ug/L	P436079	
		Nodularin-R	0.10	U	ug/L	P436078	

Ref. Method and Comment:
EPA 8270E: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8276: Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 8270E: MS accuracy for atrazine not assessed due to high content of this parameter in the sample spiked. Refer to the Lab Analysis Report for an explanation of QC Codes.
EPA 200.8 Rev. 5.4: The sample was preserved improperly for boron. The sample was preserved upon being received in the laboratory.

Non-Conformance Report

NCR ID: 10114

Event(s)

NW-DIST-2023-10-11-01

Job(s)

TLH-2023-10-11-27

Sample(s)

2444268

Test(s)

NCR Type: SHIPPING/RECEIVING

NCR Category: Preservation Not Intact

Observation: Sample not preserved to pH < 2.
Sampler indicated on the submittal form not enough HNO3 acid in bottle).

Resolution: Sample preserved in lab on 10/11/2023 at 10:30
HNO3 Lot# NA3123030 | Expiration Date: 05/10/2024

Authorized by/Date: Chris Bowen 10/17/2023

The Non-Conformance Report details exceptions or problems encountered with the events/jobs/samples/test.
Please address questions to:

Chemistry	Colin Wright	(850) 245-8085
Biology	Cheryl Swanson	(850) 245-8177

Quality Assurance Report

Method Blank Results

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P436406

Component	Result	Code	Units
Calcium	0.075	U	mg/L
Iron	30	U	ug/L
Magnesium	0.040	U	mg/L
Potassium	0.30	U	mg/L
Sodium	0.50	U	mg/L
Strontium	2.0	U	ug/L
Tin	3.0	U	ug/L
Titanium	0.75	U	ug/L
Vanadium	2.0	U	ug/L
Zinc	5.0	U	ug/L

Reference Method: EPA 200.8 Rev. 5.4

Batch ID: P436406

Component	Result	Code	Units
Aluminum	5.0	U	ug/L
Antimony	0.050	U	ug/L
Arsenic	0.050	U	ug/L
Barium	0.20	U	ug/L
Beryllium	0.010	U	ug/L
Boron	2.0	U	ug/L
Cadmium	0.020	U	ug/L
Chromium	0.40	U	ug/L
Cobalt	0.020	U	ug/L
Copper	0.40	U	ug/L
Lead	0.20	U	ug/L
Manganese	0.10	U	ug/L
Molybdenum	0.15	U	ug/L
Nickel	0.50	U	ug/L
Selenium	0.20	U	ug/L
Silver	0.010	U	ug/L
Thallium	0.10	U	ug/L

Reference Method: EPA 8270E

Batch ID: P436252

Component	Result	Code	Units
Acetochlor	0.20	U	ng/L
Alachlor	0.40	U	ng/L
Ametryn	1.1	U	ng/L
Atrazine	0.20	U	ng/L
Atrazine Desethyl	1.3	U	ng/L
Azinphos Methyl	3.0	U	ng/L
Azoxystrobin	0.40	U	ng/L
Bromacil	0.60	U	ng/L
Butylate	0.45	U	ng/L
Caffeine	7.5	U	ng/L
Carbophenothion	0.50	U	ng/L
Carfentrazone Ethyl	0.15	U	ng/L
Chlorfenapyr	0.30	U	ng/L
Chlorpyrifos Ethyl	0.30	U	ng/L
Chlorpyrifos Methyl	0.10	U	ng/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P436252

Component	Result	Code	Units
Coumaphos	1.0	U	ng/L
Cyanazine	5.0	U	ng/L
Cyprodinil	0.20	U	ng/L
Demeton	3.5	U	ng/L
Diazinon	0.12	U	ng/L
Difenoconazole	0.60	U	ng/L
Dimethenamid	0.10	U	ng/L
Dimethomorph	0.30	U	ng/L
Disulfoton	0.60	U	ng/L
Dithiopyr	1.0	U	ng/L
EPTC	0.50	U	ng/L
Ethion	0.30	U	ng/L
Ethoprop	0.12	U	ng/L
Etridiazole	0.10	U	ng/L
Fenamiphos	0.45	U	ng/L
Fenbuconazole	0.50	U	ng/L
Fipronil	0.20	U	ng/L
Fipronil Desulfinyl	0.10	U	ng/L
Fipronil Sulfide	0.10	U	ng/L
Fipronil Sulfone	0.10	U	ng/L
Fluazifop-P-butyl	0.10	U	ng/L
Fludioxonil	0.10	U	ng/L
Flumioxazin	3.0	U	ng/L
Flutolanil	0.10	U	ng/L
Fluxapyroxad	0.25	U	ng/L
Fonofos	0.15	U	ng/L
Hexazinone	0.50	U	ng/L
Imazalil	0.65	U	ng/L
Iprodione	0.50	U	ng/L
Loratadine	0.30	U	ng/L
Malathion	0.35	U	ng/L
Metaxyl	0.50	U	ng/L
Metolachlor	0.75	U	ng/L
Metribuzin	0.40	U	ng/L
Mevinphos	1.0	U	ng/L
Molinate	0.25	U	ng/L
Myclobutanil	0.35	U	ng/L
Naled	2.5	U	ng/L
Napropamide	0.70	U	ng/L
Norflurazon	1.0	U	ng/L
Oxadiazon	0.35	U	ng/L
Oxyfluorfen	0.20	U	ng/L
Parathion Ethyl	0.15	U	ng/L
Parathion Methyl	0.20	U	ng/L
Pendimethalin	0.75	U	ng/L
Phenytol	5.3	U	ng/L
Phorate	0.25	U	ng/L
Prodiamine	0.20	U	ng/L
Prometon	3.0	U	ng/L
Prometryn	0.35	U	ng/L
Pronamide	0.10	U	ng/L
Propanil	0.10	U	ng/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P436252

Component	Result	Code	Units
Propargite	0.80	U	ng/L
Propiconazole	0.60	U	ng/L
Pyraflufen Ethyl	0.30	U	ng/L
Pyridaben	1.4	U	ng/L
Pyriproxyfen	0.25	U	ng/L
Simazine	0.25	U	ng/L
Stirophos	0.40	U	ng/L
Sulfentrazone	1.4	U	ng/L
Tebuconazole	1.4	U	ng/L
Terbufos	0.20	U	ng/L
Terbuthylazine	0.20	U	ng/L
Thiobencarb	0.50	U	ng/L
Triadimefon	0.15	U	ng/L

Reference Method: EPA 8270E

Batch ID: P436384

Component	Result	Code	Units
1-Methylnaphthalene	0.10	U	ug/L
1-Naphthylamine	10	U	ug/L
1,2,4-Trichlorobenzene	0.050	U	ug/L
1,2,4,5-Tetrachlorobenzene	0.050	U	ug/L
1,3-Dinitrobenzene	0.20	U	ug/L
1,3,5-Trinitrobenzene	0.20	U	ug/L
2-Acetylaminofluorene	1.0	U	ug/L
2-Chloronaphthalene	0.050	U	ug/L
2-Chlorophenol	0.050	U	ug/L
2-Methyl-4,6-dinitrophenol	3.0	U	ug/L
2-Methylnaphthalene	0.10	U	ug/L
2-Naphthylamine	10	U	ug/L
2-Nitroaniline	0.050	U	ug/L
2-Nitrophenol	0.050	U	ug/L
2-Picoline	1.0	U	ug/L
2,3,4,6-Tetrachlorophenol	0.10	U	ug/L
2,4-Dichlorophenol	0.050	U	ug/L
2,4-Dimethylphenol	0.050	U	ug/L
2,4-Dinitrophenol	10	U	ug/L
2,4-Dinitrotoluene	0.050	U	ug/L
2,4,5-Trichlorophenol	0.050	U	ug/L
2,4,6-Trichlorophenol	0.050	U	ug/L
2,6-Dichlorophenol	0.050	U	ug/L
2,6-Dinitrotoluene	0.050	U	ug/L
3-Methylcholanthrene	0.10	U	ug/L
3,3'-Dichlorobenzidine	10	U	ug/L
4-Aminobiphenyl	4.0	U	ug/L
4-Bromophenyl phenyl ether	0.050	U	ug/L
4-Chloro-3-methylphenol	0.050	U	ug/L
4-Chlorophenyl phenyl ether	0.050	U	ug/L
4-Nitrophenol	10	U	ug/L
5-Nitro-o-toluidine	0.10	U	ug/L
7,12-Dimethylbenz(a)anthracene	0.10	U	ug/L
Acenaphthene	0.025	U	ug/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P436384

Component	Result	Code	Units
Acenaphthylene	0.025	U	ug/L
Acetophenone	0.20	U	ug/L
Aniline	1.0	U	ug/L
Anthracene	0.050	U	ug/L
Azobenzene/1,2-Diphenylhydrazine	0.050	U	ug/L
Benzidine	10	U	ug/L
Benzo(a)anthracene	0.025	U	ug/L
Benzo(a)pyrene	0.025	U	ug/L
Benzo(b)fluoranthene	0.025	U	ug/L
Benzo(g,h,i)perylene	0.025	U	ug/L
Benzo(k)fluoranthene	0.025	U	ug/L
Benzyl alcohol	0.20	U	ug/L
Bis(2-chloroethoxy)methane	0.050	U	ug/L
Bis(2-chloroethyl)ether	0.050	U	ug/L
Bis(2-chloroisopropyl)ether	0.050	U	ug/L
Bis(2-ethylhexyl)phthalate	5.0	U	ug/L
Butyl benzyl phthalate	1.0	U	ug/L
Carbazole	0.050	U	ug/L
Chrysene	0.025	U	ug/L
Di-n-butyl phthalate	2.0	U	ug/L
Di-n-octyl phthalate	0.050	U	ug/L
Dibenzo(a,h)anthracene	0.025	U	ug/L
Dibenzofuran	0.050	U	ug/L
Diethyl phthalate	2.0	U	ug/L
Dimethyl phthalate	0.20	U	ug/L
Dimethylaminoazobenzene	0.050	U	ug/L
Dinoseb	4.0	U	ug/L
Ethyl methanesulfonate	1.0	U	ug/L
Fluoranthene	0.050	U	ug/L
Fluorene	0.025	U	ug/L
Hexachlorobenzene	0.050	U	ug/L
Hexachlorobutadiene	0.050	U	ug/L
Hexachlorocyclopentadiene	0.050	U	ug/L
Hexachloroethane	0.050	U	ug/L
Hexachloropropene	0.050	U	ug/L
Indeno(1,2,3-cd)pyrene	0.025	U	ug/L
Isophorone	0.050	U	ug/L
Isosafrole	0.050	U	ug/L
m,p-Cresols	0.050	U	ug/L
N-Nitrosodi-n-butylamine	0.050	U	ug/L
N-Nitrosodi-n-propylamine	0.050	U	ug/L
N-Nitrosodiethylamine	1.0	U	ug/L
N-Nitrosodimethylamine	2.0	U	ug/L
N-Nitrosodiphenylamine/ Diphenylamine	0.10	U	ug/L
N-Nitrosomethylethylamine	2.0	U	ug/L
N-Nitrosomorpholine	0.050	U	ug/L
N-Nitrosopiperidine	0.050	U	ug/L
N-Nitrosopyrrolidine	0.10	U	ug/L
Naphthalene	0.10	U	ug/L
Nitrobenzene	0.050	U	ug/L
o-Cresol	0.050	U	ug/L
o-Toluidine	0.10	U	ug/L

Quality Assurance Report Method Blank Results

Reference Method: EPA 8270E

Batch ID: P436384

Component	Result	Code	Units
Pentachlorobenzene	0.050	U	ug/L
Pentachloroethane	0.050	U	ug/L
Pentachloronitrobenzene	0.050	U	ug/L
Pentachlorophenol	0.50	U	ug/L
Phenacetin	1.0	U	ug/L
Phenanthrene	0.10	U	ug/L
Phenol	0.050	U	ug/L
Pyrene	0.10	U	ug/L
Pyridine	4.0	U	ug/L
Safrole	0.050	U	ug/L

Reference Method: EPA 8270E

Batch ID: P436476

Component	Result	Code	Units
Aldrin	0.65	U	ng/L
Alpha-BHC	0.10	U	ng/L
Alpha-Chlordane	0.20	U	ng/L
Beta-BHC	0.10	U	ng/L
Beta-Cyfluthrin	1.2	U	ng/L
Bifenthrin	0.50	U	ng/L
Chlorothalonil	3.6	U	ng/L
Cis-Nonachlor	0.20	U	ng/L
Cypermethrin	1.5	U	ng/L
Dacthal	0.15	U	ng/L
DDD-p,p'	0.25	U	ng/L
DDE-p,p'	0.20	U	ng/L
DDT-p,p'	0.80	U	ng/L
Delta-BHC	0.40	U	ng/L
Deltamethrin	1.2	U	ng/L
Dichlobenil	0.25	U	ng/L
Dicofol	1.2	U	ng/L
Dieldrin	0.40	U	ng/L
Endosulfan I	0.40	U	ng/L
Endosulfan II	0.90	U	ng/L
Endosulfan Sulfate	0.30	U	ng/L
Endrin	0.90	U	ng/L
Endrin Aldehyde	0.75	U	ng/L
Endrin Ketone	0.40	U	ng/L
Esfenvalerate	0.75	U	ng/L
Ethalfuralin	0.15	U	ng/L
Fenpropathrin	0.25	U	ng/L
Gamma-BHC	0.12	U	ng/L
Gamma-Chlordane	0.20	U	ng/L
Heptachlor	0.20	U	ng/L
Heptachlor Epoxide	0.25	U	ng/L
Hexachlorobenzene	1.0	U	ng/L
Kepone	14	U	ng/L
Lambda-Cyhalothrin	0.75	U	ng/L
Methoprene	0.75	U	ng/L
Methoxychlor	0.30	U	ng/L
MGK-264	0.20	U	ng/L

Quality Assurance Report

Method Blank Results

Reference Method: EPA 8270E

Batch ID: P436476

Component	Result	Code	Units
Mirex	0.35	U	ng/L
Oxychlordane	0.30	U	ng/L
Permethrin	1.6	U	ng/L
Phenothrin	0.90	U	ng/L
Piperonyl Butoxide	0.15	U	ng/L
Prallethrin	2.0	U	ng/L
Tau-Fluvalinate	0.25	U	ng/L
Tetramethrin	0.75	U	ng/L
Trans-Nonachlor	0.20	U	ng/L
Triclosan Methyl	0.15	U	ng/L
Trifluralin	0.20	U	ng/L

Reference Method: EPA 8276

Batch ID: P436476

Component	Result	Code	Units
Chlordane	2.0	U	ng/L
Toxaphene	15	U	ng/L

Reference Method: EPA 8321B

Batch ID: P436078

Component	Result	Code	Units
Cylindrospermopsin	0.10	U	ug/L
Desmethyl microcystin LR	0.25	U	ug/L
Microcystin H1LR	0.25	U	ug/L
Microcystin HtyR	0.25	U	ug/L
Microcystin LA	0.10	U	ug/L
Microcystin LF	0.10	U	ug/L
Microcystin LR	0.25	U	ug/L
Microcystin LW	0.25	U	ug/L
Microcystin LY	0.10	U	ug/L
Microcystin RR	0.10	U	ug/L
Microcystin WR	0.50	U	ug/L
Microcystin YR	0.25	U	ug/L
Nodularin-R	0.10	U	ug/L

Reference Method: EPA 8321B

Batch ID: P436079

Component	Result	Code	Units
Anatoxin-a	0.25	U	ug/L
Neosaxitoxin	0.50	U	ug/L
Saxitoxin	0.50	U	ug/L

Reference Method: FL-PRO 2018

Batch ID: P436467

Component	Result	Code	Units
TRPH	0.60	U	mg/L

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P436406

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Calcium	101		P	85 - 115
Iron	105		P	85 - 115
Magnesium	107		P	85 - 115
Potassium	98.0		P	85 - 115
Sodium	100		P	85 - 115
Strontium	101		P	85 - 115
Tin	106		P	85 - 115
Titanium	101		P	85 - 115
Vanadium	103		P	85 - 115
Zinc	105		P	85 - 115

Reference Method: EPA 200.8 Rev. 5.4

Batch ID: P436406

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Aluminum	95.6		P	85 - 115
Antimony	96.1		P	85 - 115
Arsenic	96.7		P	85 - 115
Barium	99.1		P	85 - 115
Beryllium	93.0		P	85 - 115
Boron	98.2		P	85 - 115
Cadmium	98.4		P	85 - 115
Chromium	96.1		P	85 - 115
Cobalt	96.4		P	85 - 115
Copper	94.7		P	85 - 115
Lead	92.8		P	85 - 115
Manganese	96.0		P	85 - 115
Molybdenum	95.8		P	85 - 115
Nickel	95.2		P	85 - 115
Selenium	95.2		P	85 - 115
Silver	107		P	85 - 115
Thallium	98.0		P	85 - 115

Reference Method: EPA 8270E

Batch ID: P436252

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acetochlor	90.1		P	64 - 124
Alachlor	87.9		P	61 - 118
Ametryn	138		P	47 - 158
Atrazine	99.6		P	68 - 121
Atrazine Desethyl	110		P	30 - 119
Azinphos Methyl	88.7		P	30 - 194
Azoxystrobin	103		P	58 - 154
Bromacil	113		P	47 - 126
Butylate	69.0		P	31 - 83.0
Caffeine	75.9		P	10 - 180
Carbophenothion	95.1		P	59 - 133
Carfentrazone Ethyl	110		P	59 - 147
Chlorfenapyr	98.0		P	52 - 118
Chlorpyrifos Ethyl	100		P	59 - 119
Chlorpyrifos Methyl	102		P	65 - 123

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P436252

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Coumaphos	92.3		P	11 - 223
Cyanazine	232		P	63 - 250
Cyprodinil	117		P	52 - 143
Demeton	95.3		P	42 - 119
Diazinon	112		P	67 - 132
Difenoconazole	79.0		P	12 - 204
Dimethenamid	97.8		P	53 - 113
Dimethomorph	225		P	13 - 238
Disulfoton	123		P	56 - 126
Dithiopyr	97.7		P	58 - 127
EPTC	58.5		P	31 - 78.0
Ethion	53.8		P	24 - 127
Ethoprop	103		P	60 - 118
Etridiazole	77.0		P	32 - 91.0
Fenamiphos	97.6		P	54 - 129
Fenbuconazole	66.1		P	31 - 162
Fipronil	86.1		P	56 - 131
Fipronil Desulfinyl	115		P	58 - 132
Fipronil Sulfide	104		P	51 - 123
Fipronil Sulfone	87.1		P	50 - 125
Fluazifop-P-butyl	108		P	52 - 132
Fludioxonil	91.6		P	52 - 129
Flumioxazin	126		P	34 - 250
Flutolanil	88.0		P	45 - 128
Fluxapyroxad	95.2		P	31 - 150
Fonofos	108		P	60 - 116
Hexazinone	105		P	59 - 120
Imazalil	75.6		P	39 - 134
Iprodione	109		P	39 - 243
Loratadine	170		P	10 - 240
Malathion	118		P	53 - 145
Metalaxyl	113		P	59 - 120
Metolachlor	105		P	64 - 122
Metribuzin	115		P	33 - 128
Mevinphos	114		P	48 - 119
Molinate	61.5		P	42 - 89.0
Myclobutanil	108		P	54 - 129
Naled	55.3		P	10 - 138
Napropamide	90.5		P	40 - 122
Norflurazon	110		P	49 - 132
Oxadiazon	91.0		P	50 - 115
Oxyfluorfen	125		P	62 - 149
Parathion Ethyl	107		P	68 - 119
Parathion Methyl	132		P	68 - 147
Pendimethalin	116		P	59 - 158
Phenytol	53.8		P	10 - 151
Phorate	122		P	44 - 124
Prodiamine	50.7		P	10 - 136
Prometon	121		P	45 - 131
Prometryn	127		P	52 - 140
Pronamide	110		P	70 - 129
Propanil	127		P	54 - 144

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P436252

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Propargite	74.3		P	10 - 191
Propiconazole	106		P	49 - 128
Pyraflufen Ethyl	132		P	46 - 141
Pyridaben	88.2		P	29 - 198
Pyriproxyfen	76.4		P	33 - 221
Simazine	85.9		P	62 - 119
Stirophos	62.6		P	13 - 144
Sulfentrazone	83.9		P	12 - 152
Tebuconazole	68.8		P	10 - 135
Terbufos	127		P	67 - 136
Terbuthylazine	86.9		P	66 - 113
Thiobencarb	112		P	51 - 125
Triadimefon	100		P	57 - 118

Reference Method: EPA 8270E

Batch ID: P436384

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
1-Methylnaphthalene	100		P	50 - 130
1-Naphthylamine	28.7		P	20 - 130
1,2,4-Trichlorobenzene	96.0		P	50 - 130
1,2,4,5-Tetrachlorobenzene	105		P	50 - 130
1,3-Dinitrobenzene	114		P	50 - 130
1,3,5-Trinitrobenzene	82.6		P	50 - 150
2-Acetylaminofluorene	119		P	50 - 130
2-Chloronaphthalene	99.6		P	50 - 130
2-Chlorophenol	95.1		P	50 - 130
2-Methyl-4,6-dinitrophenol	53.4		P	50 - 150
2-Methylnaphthalene	96.8		P	50 - 130
2-Naphthylamine	54.9		P	20 - 130
2-Nitroaniline	104		P	50 - 130
2-Nitrophenol	104		P	50 - 130
2-Picoline	101		P	40 - 130
2,3,4,6-Tetrachlorophenol	113		P	50 - 130
2,4-Dichlorophenol	102		P	50 - 130
2,4-Dimethylphenol	111		P	50 - 130
2,4-Dinitrophenol	94.6		P	30 - 160
2,4-Dinitrotoluene	107		P	50 - 130
2,4,5-Trichlorophenol	109		P	50 - 130
2,4,6-Trichlorophenol	102		P	50 - 130
2,6-Dichlorophenol	115		P	50 - 130
2,6-Dinitrotoluene	115		P	50 - 130
3-Methylcholanthrene	119		P	50 - 130
3,3'-Dichlorobenzidine	141		P	0.0 - 200
4-Aminobiphenyl	64.7		P	20 - 130
4-Bromophenyl phenyl ether	106		P	50 - 130
4-Chloro-3-methylphenol	103		P	50 - 130
4-Chlorophenyl phenyl ether	107		P	50 - 130
4-Nitrophenol	99.9		P	15 - 120
5-Nitro-o-toluidine	105		P	50 - 130
7,12-Dimethylbenz(a)anthracene	116		P	50 - 130
Acenaphthene	103		P	50 - 130

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P436384

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Acenaphthylene	98.7		P	50 - 130
Acetophenone	110		P	50 - 130
Aniline	76.6		P	30 - 130
Anthracene	108		P	50 - 130
Azobenzene/1,2-Diphenylhydrazine	104		P	50 - 130
Benzidine	68.2		P	0.0 - 240
Benzo(a)anthracene	111		P	50 - 130
Benzo(a)pyrene	108		P	50 - 130
Benzo(b)fluoranthene	113		P	50 - 130
Benzo(g,h,i)perylene	119		P	50 - 130
Benzo(k)fluoranthene	127		P	50 - 130
Benzyl alcohol	98.0		P	50 - 130
Bis(2-chloroethoxy)methane	103		P	50 - 130
Bis(2-chloroethyl)ether	98.0		P	50 - 160
Bis(2-chloroisopropyl)ether	98.0		P	50 - 130
Bis(2-ethylhexyl)phthalate	121		P	50 - 160
Butyl benzyl phthalate	116		P	50 - 160
Carbazole	77.4		P	50 - 130
Chrysene	111		P	50 - 130
Di-n-butyl phthalate	118		P	50 - 160
Di-n-octyl phthalate	124		P	50 - 130
Dibenzo(a,h)anthracene	117		P	50 - 130
Dibenzofuran	98.3		P	50 - 130
Diethyl phthalate	112		P	50 - 130
Dimethyl phthalate	106		P	50 - 130
Dimethylaminoazobenzene	121		P	50 - 130
Dinoseb	103		P	50 - 150
Ethyl methanesulfonate	106		P	50 - 130
Fluoranthene	111		P	50 - 130
Fluorene	106		P	50 - 130
Hexachlorobenzene	108		P	50 - 130
Hexachlorobutadiene	91.1		P	20 - 130
Hexachlorocyclopentadiene	64.4		P	20 - 130
Hexachloroethane	88.3		P	40 - 130
Hexachloropropene	77.7		P	50 - 130
Indeno(1,2,3-cd)pyrene	114		P	50 - 130
Isophorone	102		P	50 - 130
Isosafrole	112		P	50 - 130
m,p-Cresols	84.9		P	50 - 130
N-Nitrosodi-n-butylamine	113		P	50 - 130
N-Nitrosodi-n-propylamine	102		P	50 - 130
N-Nitrosodiethylamine	108		P	50 - 130
N-Nitrosodimethylamine	93.1		P	30 - 130
N-Nitrosodiphenylamine/ Diphenylamine	90.0		P	50 - 150
N-Nitrosomethylethylamine	107		P	50 - 130
N-Nitrosomorpholine	114		P	50 - 150
N-Nitrosopiperidine	110		P	50 - 130
N-Nitrosopyrrolidine	108		P	50 - 130
Naphthalene	97.2		P	50 - 130
Nitrobenzene	99.3		P	50 - 130
o-Cresol	94.9		P	50 - 130
o-Toluidine	103		P	50 - 130

Quality Assurance Report Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P436384

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Pentachlorobenzene	109		P	50 - 130
Pentachloroethane	92.3		P	50 - 130
Pentachloronitrobenzene	112		P	50 - 130
Pentachlorophenol	93.7		P	50 - 130
Phenacetin	120		P	50 - 130
Phenanthrene	109		P	50 - 130
Phenol	66.8		P	15 - 110
Pyrene	114		P	50 - 130
Pyridine	72.9		P	20 - 130
Safrole	110		P	50 - 130

Reference Method: EPA 8270E

Batch ID: P436476

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Aldrin	55.7		P	30 - 96.0
Alpha-BHC	90.4		P	70 - 109
Alpha-Chlordane	73.1		P	45 - 107
Beta-BHC	84.0		P	64 - 138
Beta-Cyfluthrin	75.3		P	17 - 141
Bifenthrin	58.2		P	10 - 113
Chlorothalonil	37.6		P	26 - 180
Cis-Nonachlor	67.0		P	37 - 102
Cypermethrin	70.0		P	20 - 133
Dacthal	83.8		P	69 - 114
DDD-p,p'	85.1		P	42 - 105
DDE-p,p'	75.6		P	42 - 106
DDT-p,p'	71.8		P	42 - 107
Delta-BHC	76.7		P	67 - 144
Deltamethrin	69.3		P	15 - 149
Dichlobenil	77.7		P	46 - 117
Dicofol	77.2		P	34 - 114
Dieldrin	73.8		P	50 - 108
Endosulfan I	79.3		P	55 - 104
Endosulfan II	83.0		P	51 - 111
Endosulfan Sulfate	82.8		P	56 - 121
Endrin	76.4		P	10 - 106
Endrin Aldehyde	76.0		P	34 - 114
Endrin Ketone	95.3		P	63 - 177
Esfenvalerate	68.8		P	29 - 143
Ethalfuralin	73.7		P	46 - 96.0
Fenpropathrin	72.0		P	28 - 115
Gamma-BHC	91.6		P	65 - 121
Gamma-Chlordane	74.1		P	39 - 103
Heptachlor	63.4		P	39 - 94.0
Heptachlor Epoxide	76.4		P	54 - 104
Hexachlorobenzene	60.4		P	36 - 100
Kepone	49.5		P	10 - 225
Lambda-Cyhalothrin	67.2		P	10 - 135
Methoprene	61.8		P	10 - 109
Methoxychlor	82.0		P	52 - 112
MGK-264	90.0		P	44 - 117

Quality Assurance Report

Laboratory Control Sample Accuracy

Reference Method: EPA 8270E

Batch ID: P436476

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Mirex	59.9		P	20 - 90.0
Oxychlordane	72.7		P	44 - 102
Permethrin	72.4		P	18 - 135
Phenothrin	57.4		P	10 - 102
Piperonyl Butoxide	105		P	28 - 156
Prallethrin	79.4		P	28 - 113
Tau-Fluvalinate	68.2		P	10 - 123
Tetramethrin	90.6		P	18 - 158
Trans-Nonachlor	73.1		P	39 - 104
Triclosan Methyl	78.2		P	54 - 108
Trifluralin	77.3		P	46 - 97.0

Reference Method: EPA 8276

Batch ID: P436476

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Chlordane	78.1		P	52 - 117
Toxaphene	86.0		P	44 - 125

Reference Method: EPA 8321B

Batch ID: P436078

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Cylindrospermopsin	109		P	40 - 160
Desmethyl microcystin LR	103		P	40 - 160
Microcystin HILR	91.9		P	40 - 160
Microcystin HtyR	96.9		P	40 - 160
Microcystin LA	93.8		P	40 - 160
Microcystin LF	95.3		P	40 - 160
Microcystin LR	97.1		P	40 - 160
Microcystin LW	91.3		P	40 - 160
Microcystin LY	93.4		P	40 - 160
Microcystin RR	102		P	40 - 160
Microcystin WR	95.8		P	40 - 160
Microcystin YR	92.4		P	40 - 160
Nodularin-R	96.6		P	40 - 160

Reference Method: EPA 8321B

Batch ID: P436079

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
Anatoxin-a	111		P	40 - 150
Neosaxitoxin	99.5		P	40 - 150
Saxitoxin	97.1		P	40 - 150

Reference Method: FL-PRO 2018

Batch ID: P436467

Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
TRPH	95.6		P	66 - 116

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P436406

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444081	Calcium	103		P	80 - 120
2444081	Iron	104	105	P/P	80 - 120
2444081	Magnesium	105	107	P/P	80 - 120
2444081	Potassium	98.3	103	P/P	80 - 120
2444081	Sodium	100	106	P/P	80 - 120
2444081	Strontium	101	103	P/P	80 - 120
2444081	Tin	102	102	P/P	80 - 120
2444081	Titanium	104	104	P/P	80 - 120
2444081	Vanadium	103	104	P/P	80 - 120
2444081	Zinc	104	105	P/P	80 - 120
2444455	Calcium	101		P	80 - 120
2444455	Iron	103		P	80 - 120
2444455	Magnesium	103		P	80 - 120
2444455	Potassium	106		P	80 - 120
2444455	Sodium	98.9		P	80 - 120
2444455	Strontium	102		P	80 - 120
2444455	Tin	104		P	80 - 120
2444455	Titanium	104		P	80 - 120
2444455	Vanadium	103		P	80 - 120
2444455	Zinc	106		P	80 - 120

Reference Method: EPA 200.8 Rev. 5.4

Batch ID: P436406

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444081	Aluminum	97.4	97.4	P/P	80 - 120
2444081	Antimony	100	103	P/P	80 - 120
2444081	Arsenic	97.5	98.2	P/P	80 - 120
2444081	Barium	102	104	P/P	80 - 120
2444081	Beryllium	94.2	94.5	P/P	80 - 120
2444081	Boron	107	107	P/P	80 - 120
2444081	Cadmium	103	103	P/P	80 - 120
2444081	Chromium	102	101	P/P	80 - 120
2444081	Cobalt	95.9	95.6	P/P	80 - 120
2444081	Copper	93.3	93.0	P/P	80 - 120
2444081	Lead	95.2	96.4	P/P	80 - 120
2444081	Manganese	100	103	P/P	80 - 120
2444081	Molybdenum	102	102	P/P	80 - 120
2444081	Nickel	92.6	92.1	P/P	80 - 120
2444081	Selenium	94.3	94.3	P/P	80 - 120
2444081	Silver	108	109	P/P	80 - 120
2444081	Thallium	103	104	P/P	80 - 120
2444455	Aluminum	97.9		P	80 - 120
2444455	Antimony	103		P	80 - 120
2444455	Arsenic	96.9		P	80 - 120
2444455	Barium	102		P	80 - 120
2444455	Beryllium	93.8		P	80 - 120
2444455	Boron	109		P	80 - 120
2444455	Cadmium	102		P	80 - 120
2444455	Chromium	104		P	80 - 120
2444455	Cobalt	95.0		P	80 - 120
2444455	Copper	90.7		P	80 - 120

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 200.8 Rev. 5.4

Batch ID: P436406

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444455	Lead	95.4		P	80 - 120
2444455	Manganese	103		P	80 - 120
2444455	Molybdenum	100		P	80 - 120
2444455	Nickel	91.8		P	80 - 120
2444455	Selenium	91.6		P	80 - 120
2444455	Silver	110		P	80 - 120
2444455	Thallium	102		P	80 - 120

Reference Method: EPA 8270E

Batch ID: P436252

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2443920	Acetochlor	75.4	96.1	P/P	60 - 124
2443920	Alachlor	74.4	73.2	P/P	54 - 122
2443920	Ametryn	127	137	P/P	51 - 208
2443920	Atrazine Desethyl	77.9	77.7	P/P	13 - 124
2443920	Azinphos Methyl	75.1	76.0	P/P	43 - 276
2443920	Azoxystrobin	84.8	95.9	P/P	52 - 300
2443920	Bromacil	110	91.2	P/P	44 - 134
2443920	Butylate	72.3	79.9	P/P	23 - 82.0
2443920	Caffeine	92.6	96.8	P/P	10 - 277
2443920	Carbophenothion	104	82.6	P/P	47 - 135
2443920	Carfentrazone Ethyl	119	90.4	P/P	46 - 147
2443920	Chlorfenapyr	106	102	P/P	43 - 114
2443920	Chlorpyrifos Ethyl	90.4	93.6	P/P	47 - 124
2443920	Chlorpyrifos Methyl	128	123	P/P	60 - 135
2443920	Coumaphos	97.7	92.3	P/P	10 - 222
2443920	Cyanazine	228	242	P/P	10 - 257
2443920	Cyprodinil	135	116	P/P	42 - 148
2443920	Demeton	99.3	95.3	P/P	41 - 137
2443920	Diazinon	128	124	P/P	64 - 139
2443920	Difenoconazole	80.3	70.0	P/P	46 - 254
2443920	Dimethenamid	85.6	114	P/P	47 - 117
2443920	Dimethomorph	218	198	P/P	14 - 255
2443920	Disulfoton	116	127	P/P	52 - 130
2443920	Dithiopyr	106	112	P/P	40 - 121
2443920	EPTC	69.7	70.8	P/P	19 - 78.0
2443920	Ethion	47.8	87.2	P/P	12 - 124
2443920	Ethoprop	113	102	P/P	68 - 144
2443920	Etridiazole	95.1	93.6	P/P	26 - 96.0
2443920	Fenamiphos	63.7	62.3	P/P	41 - 129
2443920	Fenbuconazole	69.3	86.9	P/P	26 - 169
2443920	Fipronil	97.1	30.0	P/F	46 - 145
2443920	Fipronil Desulfinyl	140	77.4	F/P	47 - 136
2443920	Fipronil Sulfide	139	59.7	F/P	41 - 127
2443920	Fipronil Sulfone	95.4	56.2	P/P	35 - 133
2443920	Fluazifop-P-butyl	115	74.2	P/P	46 - 131
2443920	Fludioxonil	104	92.9	P/P	51 - 124
2443920	Flumioxazin	102	104	P/P	10 - 289
2443920	Flutolanil	111	66.3	P/P	34 - 130
2443920	Fluxapyroxad	95.6	97.8	P/P	10 - 197
2443920	Fonofos	110	125	P/P	42 - 131

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E
Batch ID: P436252

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2443920	Hexazinone	106	99.2	P/P	64 - 125
2443920	Imazalil	95.5	90.2	P/P	37 - 252
2443920	Iprodione	99.9	89.8	P/P	34 - 265
2443920	Loratadine	141	114	P/P	20 - 231
2443920	Malathion	116	91.6	P/P	34 - 164
2443920	Metalaxyl	98.5	117	P/P	49 - 125
2443920	Metolachlor	98.5	83.2	P/P	54 - 125
2443920	Metribuzin	115	109	P/P	51 - 139
2443920	Mevinphos	130	127	P/P	46 - 130
2443920	Molinate	73.5	67.7	P/P	39 - 93.0
2443920	Myclobutanil	125	107	P/P	50 - 130
2443920	Naled	62.8	73.9	P/P	10 - 150
2443920	Napropamide	86.7	80.2	P/P	10 - 109
2443920	Norflurazon	110	82.5	P/P	36 - 134
2443920	Oxadiazon	84.5	95.5	P/P	43 - 112
2443920	Oxyfluorfen	127	115	P/P	62 - 154
2443920	Parathion Ethyl	85.1	109	P/P	65 - 120
2443920	Parathion Methyl	178	140	P/P	77 - 185
2443920	Pendimethalin	114	124	P/P	50 - 146
2443920	Phenytol	74.8	149	P/P	10 - 157
2443920	Phorate	136	134	P/P	54 - 161
2443920	Prodiamine	54.7	46.0	P/P	29 - 160
2443920	Prometon	89.2	86.8	P/P	38 - 145
2443920	Prometryn	118	110	P/P	32 - 151
2443920	Pronamide	99.7	100	P/P	61 - 140
2443920	Propanil	130	130	P/P	50 - 147
2443920	Propargite	69.9	101	P/P	10 - 190
2443920	Propiconazole	131	114	P/P	30 - 146
2443920	Pyraflufen Ethyl	130	99.6	P/P	30 - 147
2443920	Pyridaben	97.3	123	P/P	15 - 195
2443920	Pyriproxyfen	69.1	81.7	P/P	31 - 218
2443920	Simazine	88.7	91.3	P/P	45 - 139
2443920	Stiropfos	50.3	40.9	P/P	10 - 134
2443920	Sulfentrazone	73.5	69.0	P/P	53 - 186
2443920	Tebuconazole	79.1	114	P/P	10 - 133
2443920	Terbufos	141	141	P/P	65 - 151
2443920	Terbuthylazine	82.4	90.3	P/P	62 - 117
2443920	Thiobencarb	103	90.2	P/P	48 - 122
2443920	Triadimefon	76.2	84.8	P/P	46 - 124

Reference Method: EPA 8270E
Batch ID: P436384

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444187	1-Methylnaphthalene	97.4	103	P/P	50 - 130
2444187	1-Naphthylamine	28.5	28.7	P/P	20 - 130
2444187	1,2,4-Trichlorobenzene	92.2	102	P/P	50 - 130
2444187	1,2,4,5-Tetrachlorobenzene	116	103	P/P	50 - 130
2444187	1,3-Dinitrobenzene	121	114	P/P	50 - 130
2444187	1,3,5-Trinitrobenzene	89.8	79.8	P/P	50 - 150
2444187	2-Acetylaminofluorene	128	119	P/P	50 - 130
2444187	2-Chloronaphthalene	96.3	102	P/P	50 - 130

Quality Assurance Report

Matrix Spike Accuracy

Reference Method: EPA 8270E

Batch ID: P436384

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444187	2-Chlorophenol	94.5	102	P/P	50 - 130
2444187	2-Methyl-4,6-dinitrophenol	98.2	106	P/P	50 - 150
2444187	2-Methylnaphthalene	94.3	101	P/P	50 - 130
2444187	2-Naphthylamine	47.2	40.2	P/P	20 - 130
2444187	2-Nitroaniline	99.3	108	P/P	50 - 130
2444187	2-Nitrophenol	101	110	P/P	50 - 130
2444187	2-Picoline	109	100	P/P	40 - 130
2444187	2,3,4,6-Tetrachlorophenol	118	114	P/P	50 - 130
2444187	2,4-Dichlorophenol	100	109	P/P	50 - 130
2444187	2,4-Dimethylphenol	108	117	P/P	50 - 130
2444187	2,4-Dinitrophenol	82.4	87.6	P/P	30 - 160
2444187	2,4-Dinitrotoluene	103	112	P/P	50 - 130
2444187	2,4,5-Trichlorophenol	107	113	P/P	50 - 130
2444187	2,4,6-Trichlorophenol	102	110	P/P	50 - 130
2444187	2,6-Dichlorophenol	124	113	P/P	50 - 130
2444187	2,6-Dinitrotoluene	112	120	P/P	50 - 130
2444187	3-Methylcholanthrene	122	112	P/P	50 - 130
2444187	3,3'-Dichlorobenzidine	135	133	P/P	0.0 - 200
2444187	4-Aminobiphenyl	71.5	68.5	P/P	20 - 130
2444187	4-Bromophenyl phenyl ether	103	108	P/P	50 - 130
2444187	4-Chloro-3-methylphenol	102	113	P/P	50 - 130
2444187	4-Chlorophenyl phenyl ether	104	113	P/P	50 - 130
2444187	4-Nitrophenol	98.7	106	P/P	15 - 120
2444187	5-Nitro-o-toluidine	113	102	P/P	50 - 130
2444187	7,12-Dimethylbenz(a)anthracene	91.4	93.0	P/P	50 - 130
2444187	Acenaphthene	99.0	106	P/P	50 - 130
2444187	Acenaphthylene	95.6	103	P/P	50 - 130
2444187	Acetophenone	122	111	P/P	50 - 130
2444187	Aniline	68.4	83.5	P/P	30 - 130
2444187	Anthracene	103	109	P/P	50 - 130
2444187	Azobenzene/1,2-Diphenylhydrazine	100	107	P/P	50 - 130
2444187	Benzidine	24.9	32.0	P/P	0.0 - 240
2444187	Benzo(a)anthracene	107	114	P/P	50 - 130
2444187	Benzo(a)pyrene	101	109	P/P	50 - 130
2444187	Benzo(b)fluoranthene	103	114	P/P	50 - 130
2444187	Benzo(g,h,i)perylene	110	116	P/P	50 - 130
2444187	Benzo(k)fluoranthene	115	128	P/P	50 - 130
2444187	Benzyl alcohol	96.9	105	P/P	50 - 130
2444187	Bis(2-chloroethoxy)methane	100	110	P/P	50 - 130
2444187	Bis(2-chloroethyl)ether	96.4	103	P/P	50 - 160
2444187	Bis(2-chloroisopropyl)ether	96.5	104	P/P	50 - 130
2444187	Bis(2-ethylhexyl)phthalate	117	124	P/P	50 - 160
2444187	Butyl benzyl phthalate	112	119	P/P	50 - 160
2444187	Carbazole	96.9	93.8	P/P	50 - 130
2444187	Chrysene	108	115	P/P	50 - 130
2444187	Di-n-butyl phthalate	113	118	P/P	50 - 160
2444187	Di-n-octyl phthalate	107	115	P/P	50 - 130
2444187	Dibenzo(a,h)anthracene	112	117	P/P	50 - 130
2444187	Dibenzofuran	95.2	103	P/P	50 - 130
2444187	Diethyl phthalate	108	117	P/P	50 - 130
2444187	Dimethyl phthalate	102	111	P/P	50 - 130
2444187	Dimethylaminoazobenzene	127	118	P/P	50 - 130

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E

Batch ID: P436384

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444187	Dinoseb	156	149	P/P	50 - 160
2444187	Ethyl methanesulfonate	115	106	P/P	50 - 130
2444187	Fluoranthene	106	112	P/P	50 - 130
2444187	Fluorene	102	112	P/P	50 - 130
2444187	Hexachlorobenzene	105	110	P/P	50 - 130
2444187	Hexachlorobutadiene	89.6	98.5	P/P	20 - 130
2444187	Hexachlorocyclopentadiene	53.7	51.4	P/P	20 - 130
2444187	Hexachloroethane	85.0	90.5	P/P	40 - 130
2444187	Hexachloropropene	69.4	65.3	P/P	50 - 130
2444187	Indeno(1,2,3-cd)pyrene	105	114	P/P	50 - 130
2444187	Isophorone	98.6	108	P/P	50 - 130
2444187	Isosafrole	122	109	P/P	50 - 130
2444187	m,p-Cresols	82.8	90.3	P/P	50 - 130
2444187	N-Nitrosodi-n-butylamine	121	109	P/P	50 - 130
2444187	N-Nitrosodi-n-propylamine	98.5	108	P/P	50 - 130
2444187	N-Nitrosodiethylamine	115	108	P/P	50 - 130
2444187	N-Nitrosodimethylamine	94.0	100	P/P	30 - 130
2444187	N-Nitrosodiphenylamine/ Diphenylamine	88.8	93.1	P/P	50 - 150
2444187	N-Nitrosomethylethylamine	113	108	P/P	50 - 130
2444187	N-Nitrosomorpholine	124	112	P/P	50 - 150
2444187	N-Nitrosopiperidine	122	111	P/P	50 - 130
2444187	N-Nitrosopyrrolidine	118	107	P/P	50 - 130
2444187	Naphthalene	96.0	106	P/P	50 - 130
2444187	Nitrobenzene	96.8	106	P/P	50 - 130
2444187	o-Cresol	93.0	101	P/P	50 - 130
2444187	o-Toluidine	111	94.1	P/P	50 - 130
2444187	Pentachlorobenzene	115	106	P/P	50 - 130
2444187	Pentachloroethane	101	92.1	P/P	50 - 130
2444187	Pentachloronitrobenzene	119	111	P/P	50 - 130
2444187	Pentachlorophenol	116	119	P/P	50 - 130
2444187	Phenacetin	125	118	P/P	50 - 130
2444187	Phenanthrene	106	112	P/P	50 - 130
2444187	Phenol	65.0	70.2	P/P	15 - 110
2444187	Pyrene	108	116	P/P	50 - 130
2444187	Pyridine	68.6	74.9	P/P	20 - 130
2444187	Safrole	122	109	P/P	50 - 130

Reference Method: EPA 8270E

Batch ID: P436476

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444320	Aldrin	63.2	54.0	P/P	24 - 81.0
2444320	Alpha-BHC	93.2	87.3	P/P	65 - 110
2444320	Alpha-Chlordane	82.8	80.4	P/P	43 - 119
2444320	Beta-BHC	88.6	76.7	P/P	54 - 165
2444320	Beta-Cyfluthrin	89.9	81.3	P/P	27 - 165
2444320	Bifenthrin	77.5	54.3	P/P	17 - 117
2444320	Chlorothalonil	82.3	55.4	P/P	10 - 255
2444320	Cis-Nonachlor	79.2	72.5	P/P	34 - 98.0
2444320	Cypermethrin	105	90.1	P/P	25 - 143
2444320	Dacthal	98.0	89.2	P/P	55 - 139
2444320	DDD-p,p'	88.8	86.6	P/P	30 - 109

Quality Assurance Report Matrix Spike Accuracy

Reference Method: EPA 8270E

Batch ID: P436476

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444320	DDE-p,p'	77.6	77.7	P/P	35 - 106
2444320	DDT-p,p'	85.3	79.7	P/P	41 - 101
2444320	Delta-BHC	100	82.2	P/P	58 - 165
2444320	Deltamethrin	110	102	P/P	10 - 194
2444320	Dichlobenil	68.5	59.3	P/P	22 - 114
2444320	Dicofol	73.8	76.8	P/P	17 - 133
2444320	Dieldrin	79.7	77.9	P/P	45 - 129
2444320	Endosulfan I	93.1	93.3	P/P	49 - 104
2444320	Endosulfan II	91.4	85.9	P/P	37 - 117
2444320	Endosulfan Sulfate	76.6	75.9	P/P	38 - 128
2444320	Endrin	85.3	76.9	P/P	35 - 116
2444320	Endrin Aldehyde	54.5	41.3	P/P	19 - 108
2444320	Endrin Ketone	83.3	90.0	P/P	44 - 134
2444320	Esfenvalerate	101	83.3	P/P	27 - 176
2444320	Ethalfuralin	70.4	78.5	P/P	49 - 100
2444320	Fenpropathrin	83.3	75.2	P/P	34 - 117
2444320	Gamma-BHC	98.4	86.3	P/P	59 - 129
2444320	Gamma-Chlordane	84.1	76.4	P/P	33 - 107
2444320	Heptachlor	75.6	68.6	P/P	37 - 94.0
2444320	Heptachlor Epoxide	90.2	84.4	P/P	38 - 118
2444320	Hexachlorobenzene	64.8	59.9	P/P	35 - 97.0
2444320	Kepone	46.2	47.2	P/P	10 - 221
2444320	Lambda-Cyhalothrin	95.6	75.6	P/P	23 - 190
2444320	Methoprene	66.0	57.5	P/P	21 - 109
2444320	Methoxychlor	91.0	88.3	P/P	46 - 118
2444320	MGK-264	99.2	91.6	P/P	39 - 122
2444320	Mirex	63.7	54.2	P/P	25 - 90.0
2444320	Oxychlordane	82.4	78.7	P/P	42 - 100
2444320	Permethrin	92.0	77.5	P/P	33 - 181
2444320	Phenothrin	74.1	57.9	P/P	12 - 125
2444320	Piperonyl Butoxide	99.6	93.8	P/P	10 - 178
2444320	Prallethrin	85.2	78.8	P/P	24 - 122
2444320	Tau-Fluvalinate	81.9	76.3	P/P	13 - 151
2444320	Tetramethrin	111	93.1	P/P	16 - 172
2444320	Trans-Nonachlor	79.5	73.4	P/P	39 - 100
2444320	Triclosan Methyl	89.4	92.0	P/P	43 - 110
2444320	Trifluralin	70.9	70.1	P/P	45 - 94.0

Reference Method: EPA 8276

Batch ID: P436476

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444327	Chlordane	81.3	96.0	P/P	43 - 123
2444327	Toxaphene	77.7	94.7	P/P	27 - 156

Reference Method: EPA 8321B

Batch ID: P436078

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2443336	Cylindrospermopsin	105	93.1	P/P	40 - 160
2443336	Desmethyl microcystin LR	82.2	90.9	P/P	40 - 160
2443336	Microcystin HiLR	95.2	91.2	P/P	40 - 160

Quality Assurance Report

Matrix Spike Accuracy

Reference Method: EPA 8321B
Batch ID: P436078

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2443336	Microcystin HtyR	91.5	83.1	P/P	40 - 160
2443336	Microcystin LA	87.4	93.9	P/P	40 - 160
2443336	Microcystin LF	90.7	98.3	P/P	40 - 160
2443336	Microcystin LR	93.6	90.7	P/P	40 - 160
2443336	Microcystin LW	89.9	90.1	P/P	40 - 160
2443336	Microcystin LY	98.7	84.2	P/P	40 - 160
2443336	Microcystin RR	93.8	94.0	P/P	40 - 160
2443336	Microcystin WR	88.7	87.4	P/P	40 - 160
2443336	Microcystin YR	83.0	96.2	P/P	40 - 160
2443336	Nodularin-R	80.1	88.1	P/P	40 - 160

Reference Method: EPA 8321B
Batch ID: P436079

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2443336	Anatoxin-a	113	116	P/P	40 - 150
2443336	Neosaxitoxin	103	108	P/P	40 - 150
2443336	Saxitoxin	104	109	P/P	40 - 150

Reference Method: FL-PRO 2018
Batch ID: P436467

Spiked Sample	Component	% Rec.1	% Rec.2	Pass/Fail	Control Limits
2444193	TRPH	93.9	98.9	P/P	65 - 112

Quality Assurance Report Precision

Reference Method: EPA 200.7 Rev. 4.4

Batch ID: P436406

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444081	Calcium	1.98	Spike	P	0 - 20
2444081	Iron	0.778	Spike	P	0 - 20
2444081	Magnesium	1.62	Spike	P	0 - 20
2444081	Potassium	3.05	Spike	P	0 - 20
2444081	Sodium	2.99	Spike	P	0 - 20
2444081	Strontium	1.67	Spike	P	0 - 20
2444081	Tin	0.489	Spike	P	0 - 20
2444081	Titanium	0.0434	Spike	P	0 - 20
2444081	Vanadium	0.317	Spike	P	0 - 20
2444081	Zinc	1.32	Spike	P	0 - 20

Reference Method: EPA 200.8 Rev. 5.4

Batch ID: P436406

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444081	Aluminum	0.0135	Spike	P	0 - 20
2444081	Antimony	2.45	Spike	P	0 - 20
2444081	Arsenic	0.701	Spike	P	0 - 20
2444081	Barium	1.26	Spike	P	0 - 20
2444081	Beryllium	0.390	Spike	P	0 - 20
2444081	Boron	0.173	Spike	P	0 - 20
2444081	Cadmium	0.0364	Spike	P	0 - 20
2444081	Chromium	0.563	Spike	P	0 - 20
2444081	Cobalt	0.299	Spike	P	0 - 20
2444081	Copper	0.313	Spike	P	0 - 20
2444081	Lead	1.32	Spike	P	0 - 20
2444081	Manganese	1.15	Spike	P	0 - 20
2444081	Molybdenum	0.0603	Spike	P	0 - 20
2444081	Nickel	0.468	Spike	P	0 - 20
2444081	Selenium	0.0270	Spike	P	0 - 20
2444081	Silver	1.22	Spike	P	0 - 20
2444081	Thallium	1.38	Spike	P	0 - 20

Reference Method: EPA 8270E

Batch ID: P436252

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2443920	Acetochlor	24.1	Spike	P	0 - 28
2443920	Alachlor	1.56	Spike	P	0 - 30
2443920	Ametryn	7.07	Spike	P	0 - 32
2443920	Atrazine	3.08	Spike	P	0 - 33
2443920	Atrazine Desethyl	0.196	Spike	P	0 - 36
2443920	Azinphos Methyl	1.16	Spike	P	0 - 62
2443920	Azoxystrobin	11.8	Spike	P	0 - 39
2443920	Bromacil	18.4	Spike	P	0 - 33
2443920	Butylate	10.0	Spike	P	0 - 51
2443920	Caffeine	4.39	Spike	P	0 - 100
2443920	Carbophenothion	22.6	Spike	P	0 - 34
2443920	Carfentrazone Ethyl	27.6	Spike	P	0 - 33

Quality Assurance Report Precision

Reference Method: EPA 8270E
Batch ID: P436252

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2443920	Chlorfenapyr	3.25	Spike	P	0 - 28
2443920	Chlorpyrifos Ethyl	3.56	Spike	P	0 - 31
2443920	Chlorpyrifos Methyl	4.26	Spike	P	0 - 27
2443920	Coumaphos	5.63	Spike	P	0 - 62
2443920	Cyanazine	5.97	Spike	P	0 - 48
2443920	Cyprodinil	15.3	Spike	P	0 - 29
2443920	Demeton	4.08	Spike	P	0 - 33
2443920	Diazinon	3.16	Spike	P	0 - 32
2443920	Difenoconazole	13.7	Spike	P	0 - 71
2443920	Dimethenamid	28.5	Spike	P	0 - 60
2443920	Dimethomorph	8.77	Spike	P	0 - 61
2443920	Disulfoton	8.56	Spike	P	0 - 30
2443920	Dithiopyr	5.68	Spike	P	0 - 28
2443920	EPTC	1.54	Spike	P	0 - 56
2443920	Ethion	58.4	Spike	P	0 - 79
2443920	Ethoprop	9.93	Spike	P	0 - 31
2443920	Etridiazole	1.62	Spike	P	0 - 43
2443920	Fenamiphos	2.24	Spike	P	0 - 43
2443920	Fenbuconazole	22.6	Spike	P	0 - 79
2443920	Fipronil	106	Spike	F	0 - 46
2443920	Fipronil Desulfinyl	57.4	Spike	F	0 - 36
2443920	Fipronil Sulfide	79.6	Spike	F	0 - 34
2443920	Fipronil Sulfone	51.7	Spike	F	0 - 47
2443920	Fluazifop-P-butyl	43.1	Spike	F	0 - 38
2443920	Fludioxonil	11.4	Spike	P	0 - 29
2443920	Flumioxazin	2.55	Spike	P	0 - 63
2443920	Flutolanil	50.0	Spike	F	0 - 36
2443920	Fluxapyroxad	2.23	Spike	P	0 - 65
2443920	Fonofos	12.7	Spike	P	0 - 35
2443920	Hexazinone	6.54	Spike	P	0 - 31
2443920	Imazalil	5.69	Spike	P	0 - 52
2443920	Iprodione	10.8	Spike	P	0 - 49
2443920	Loratadine	21.0	Spike	P	0 - 59
2443920	Malathion	23.7	Spike	P	0 - 77
2443920	Metalaxyl	9.12	Spike	P	0 - 76
2443920	Metolachlor	13.7	Spike	P	0 - 29
2443920	Metribuzin	5.12	Spike	P	0 - 51
2443920	Mevinphos	2.40	Spike	P	0 - 31
2443920	Molinate	8.21	Spike	P	0 - 39
2443920	Myclobutanil	15.7	Spike	P	0 - 34
2443920	Naled	16.2	Spike	P	0 - 37
2443920	Napropamide	7.84	Spike	P	0 - 100
2443920	Norflurazon	18.9	Spike	P	0 - 54
2443920	Oxadiazon	12.2	Spike	P	0 - 34
2443920	Oxyfluorfen	9.20	Spike	P	0 - 28
2443920	Parathion Ethyl	24.3	Spike	P	0 - 31
2443920	Parathion Methyl	23.7	Spike	P	0 - 29
2443920	Pendimethalin	7.75	Spike	P	0 - 31
2443920	Phenytion	66.5	Spike	P	0 - 100
2443920	Phorate	1.43	Spike	P	0 - 36
2443920	Prodiamine	17.2	Spike	P	0 - 68

Quality Assurance Report Precision

Reference Method: EPA 8270E
Batch ID: P436252

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2443920	Prometon	1.53	Spike	P	0 - 35
2443920	Prometryn	7.63	Spike	P	0 - 33
2443920	Pronamide	0.415	Spike	P	0 - 24
2443920	Propanil	0.0830	Spike	P	0 - 28
2443920	Propargite	36.6	Spike	P	0 - 53
2443920	Propiconazole	13.4	Spike	P	0 - 44
2443920	Pyraflufen Ethyl	26.4	Spike	P	0 - 61
2443920	Pyridaben	23.5	Spike	P	0 - 43
2443920	Pyriproxyfen	16.6	Spike	P	0 - 82
2443920	Simazine	1.74	Spike	P	0 - 29
2443920	Stiropfos	20.7	Spike	P	0 - 100
2443920	Sulfentrazone	6.26	Spike	P	0 - 64
2443920	Tebuconazole	35.7	Spike	P	0 - 76
2443920	Terbufos	0.246	Spike	P	0 - 29
2443920	Terbuthylazine	9.12	Spike	P	0 - 28
2443920	Thiobencarb	13.4	Spike	P	0 - 26
2443920	Triadimefon	10.6	Spike	P	0 - 40

Reference Method: EPA 8270E
Batch ID: P436384

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444187	1-Methylnaphthalene	5.49	Spike	P	0 - 40
2444187	1-Naphthylamine	0.699	Spike	P	0 - 40
2444187	1,2,4-Trichlorobenzene	9.99	Spike	P	0 - 40
2444187	1,2,4,5-Tetrachlorobenzene	11.4	Spike	P	0 - 40
2444187	1,3-Dinitrobenzene	5.92	Spike	P	0 - 40
2444187	1,3,5-Trinitrobenzene	11.8	Spike	P	0 - 40
2444187	2-Acetylaminofluorene	7.52	Spike	P	0 - 40
2444187	2-Chloronaphthalene	6.24	Spike	P	0 - 40
2444187	2-Chlorophenol	7.44	Spike	P	0 - 40
2444187	2-Methyl-4,6-dinitrophenol	7.36	Spike	P	0 - 40
2444187	2-Methylnaphthalene	6.86	Spike	P	0 - 40
2444187	2-Naphthylamine	16.0	Spike	P	0 - 40
2444187	2-Nitroaniline	8.39	Spike	P	0 - 40
2444187	2-Nitrophenol	8.47	Spike	P	0 - 40
2444187	2-Picoline	8.42	Spike	P	0 - 40
2444187	2,3,4,6-Tetrachlorophenol	3.52	Spike	P	0 - 40
2444187	2,4-Dichlorophenol	8.15	Spike	P	0 - 40
2444187	2,4-Dimethylphenol	8.02	Spike	P	0 - 40
2444187	2,4-Dinitrophenol	6.12	Spike	P	0 - 40
2444187	2,4-Dinitrotoluene	8.44	Spike	P	0 - 40
2444187	2,4,5-Trichlorophenol	5.46	Spike	P	0 - 40
2444187	2,4,6-Trichlorophenol	7.58	Spike	P	0 - 40
2444187	2,6-Dichlorophenol	9.51	Spike	P	0 - 40
2444187	2,6-Dinitrotoluene	7.42	Spike	P	0 - 40
2444187	3-Methylcholanthrene	9.24	Spike	P	0 - 40
2444187	3,3'-Dichlorobenzidine	1.73	Spike	P	0 - 40
2444187	4-Aminobiphenyl	4.29	Spike	P	0 - 40
2444187	4-Bromophenyl phenyl ether	4.44	Spike	P	0 - 40

Quality Assurance Report Precision

Reference Method: EPA 8270E

Batch ID: P436384

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444187	4-Chloro-3-methylphenol	9.67	Spike	P	0 - 40
2444187	4-Chlorophenyl phenyl ether	8.12	Spike	P	0 - 40
2444187	4-Nitrophenol	7.13	Spike	P	0 - 40
2444187	5-Nitro-o-toluidine	9.86	Spike	P	0 - 40
2444187	7,12-Dimethylbenz(a)anthracene	1.74	Spike	P	0 - 40
2444187	Acenaphthene	6.99	Spike	P	0 - 40
2444187	Acenaphthylene	7.26	Spike	P	0 - 40
2444187	Acetophenone	8.67	Spike	P	0 - 40
2444187	Aniline	19.9	Spike	P	0 - 40
2444187	Anthracene	5.65	Spike	P	0 - 40
2444187	Azobenzene/1,2-Diphenylhydrazine	6.65	Spike	P	0 - 40
2444187	Benzydine	25.0	Spike	P	0 - 40
2444187	Benzo(a)anthracene	6.80	Spike	P	0 - 40
2444187	Benzo(a)pyrene	7.83	Spike	P	0 - 40
2444187	Benzo(b)fluoranthene	10.2	Spike	P	0 - 40
2444187	Benzo(g,h,i)perylene	5.74	Spike	P	0 - 40
2444187	Benzo(k)fluoranthene	10.3	Spike	P	0 - 40
2444187	Benzyl alcohol	7.93	Spike	P	0 - 40
2444187	Bis(2-chloroethoxy)methane	8.85	Spike	P	0 - 40
2444187	Bis(2-chloroethyl)ether	6.23	Spike	P	0 - 40
2444187	Bis(2-chloroisopropyl)ether	7.58	Spike	P	0 - 40
2444187	Bis(2-ethylhexyl)phthalate	5.71	Spike	P	0 - 40
2444187	Butyl benzyl phthalate	6.13	Spike	P	0 - 40
2444187	Carbazole	3.25	Spike	P	0 - 40
2444187	Chrysene	6.17	Spike	P	0 - 40
2444187	Di-n-butyl phthalate	4.68	Spike	P	0 - 40
2444187	Di-n-octyl phthalate	7.23	Spike	P	0 - 40
2444187	Dibenzo(a,h)anthracene	4.55	Spike	P	0 - 40
2444187	Dibenzofuran	8.26	Spike	P	0 - 40
2444187	Diethyl phthalate	7.64	Spike	P	0 - 40
2444187	Dimethyl phthalate	8.15	Spike	P	0 - 40
2444187	Dimethylaminoazobenzene	7.41	Spike	P	0 - 40
2444187	Dinoseb	4.53	Spike	P	0 - 40
2444187	Ethyl methanesulfonate	7.59	Spike	P	0 - 40
2444187	Fluoranthene	6.04	Spike	P	0 - 40
2444187	Fluorene	8.78	Spike	P	0 - 40
2444187	Hexachlorobenzene	4.37	Spike	P	0 - 40
2444187	Hexachlorobutadiene	9.46	Spike	P	0 - 40
2444187	Hexachlorocyclopentadiene	4.38	Spike	P	0 - 40
2444187	Hexachloroethane	6.27	Spike	P	0 - 40
2444187	Hexachloropropene	6.09	Spike	P	0 - 40
2444187	Indeno(1,2,3-cd)pyrene	8.01	Spike	P	0 - 40
2444187	Isophorone	9.47	Spike	P	0 - 40
2444187	Isosafrole	10.8	Spike	P	0 - 40
2444187	m,p-Cresols	8.67	Spike	P	0 - 40
2444187	N-Nitrosodi-n-butylamine	10.2	Spike	P	0 - 40
2444187	N-Nitrosodi-n-propylamine	9.48	Spike	P	0 - 40
2444187	N-Nitrosodiethylamine	6.01	Spike	P	0 - 40
2444187	N-Nitrosodimethylamine	6.58	Spike	P	0 - 40
2444187	N-Nitrosodiphenylamine/ Diphenylamine	4.73	Spike	P	0 - 40
2444187	N-Nitrosomethylethylamine	4.26	Spike	P	0 - 40

Quality Assurance Report Precision

Reference Method: EPA 8270E

Batch ID: P436384

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444187	N-Nitrosomorpholine	9.89	Spike	P	0 - 40
2444187	N-Nitrosopiperidine	9.69	Spike	P	0 - 40
2444187	N-Nitrosopyrrolidine	10.3	Spike	P	0 - 40
2444187	Naphthalene	9.52	Spike	P	0 - 40
2444187	Nitrobenzene	9.54	Spike	P	0 - 40
2444187	o-Cresol	8.25	Spike	P	0 - 40
2444187	o-Toluidine	16.7	Spike	P	0 - 40
2444187	Pentachlorobenzene	8.40	Spike	P	0 - 40
2444187	Pentachloroethane	9.42	Spike	P	0 - 40
2444187	Pentachloronitrobenzene	7.04	Spike	P	0 - 40
2444187	Pentachlorophenol	2.39	Spike	P	0 - 40
2444187	Phenacetin	6.18	Spike	P	0 - 40
2444187	Phenanthrene	5.69	Spike	P	0 - 40
2444187	Phenol	7.69	Spike	P	0 - 40
2444187	Pyrene	6.78	Spike	P	0 - 40
2444187	Pyridine	8.78	Spike	P	0 - 40
2444187	Safrole	11.2	Spike	P	0 - 40

Reference Method: EPA 8270E

Batch ID: P436476

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444320	Aldrin	15.7	Spike	P	0 - 41
2444320	Alpha-BHC	6.56	Spike	P	0 - 25
2444320	Alpha-Chlordane	2.96	Spike	P	0 - 32
2444320	Beta-BHC	14.5	Spike	P	0 - 33
2444320	Beta-Cyfluthrin	10.0	Spike	P	0 - 43
2444320	Bifenthrin	35.3	Spike	P	0 - 52
2444320	Chlorothalonil	39.1	Spike	P	0 - 82
2444320	Cis-Nonachlor	8.82	Spike	P	0 - 33
2444320	Cypermethrin	15.4	Spike	P	0 - 51
2444320	Dacthal	9.37	Spike	P	0 - 27
2444320	DDD-p,p'	2.43	Spike	P	0 - 39
2444320	DDE-p,p'	0.113	Spike	P	0 - 31
2444320	DDT-p,p'	6.72	Spike	P	0 - 29
2444320	Delta-BHC	19.9	Spike	P	0 - 35
2444320	Deltamethrin	7.29	Spike	P	0 - 100
2444320	Dichlobenil	14.4	Spike	P	0 - 40
2444320	Dicofol	4.00	Spike	P	0 - 37
2444320	Dieldrin	2.28	Spike	P	0 - 27
2444320	Endosulfan I	0.167	Spike	P	0 - 23
2444320	Endosulfan II	6.27	Spike	P	0 - 34
2444320	Endosulfan Sulfate	0.893	Spike	P	0 - 36
2444320	Endrin	10.4	Spike	P	0 - 45
2444320	Endrin Aldehyde	27.7	Spike	P	0 - 76
2444320	Endrin Ketone	7.76	Spike	P	0 - 43
2444320	Esfenvalerate	18.9	Spike	P	0 - 51
2444320	Ethalfuralin	10.8	Spike	P	0 - 22
2444320	Fenpropathrin	10.2	Spike	P	0 - 49
2444320	Gamma-BHC	13.1	Spike	P	0 - 28

Quality Assurance Report Precision

Reference Method: EPA 8270E
Batch ID: P436476

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444320	Gamma-Chlordane	9.56	Spike	P	0 - 40
2444320	Heptachlor	9.78	Spike	P	0 - 29
2444320	Heptachlor Epoxide	6.63	Spike	P	0 - 33
2444320	Hexachlorobenzene	7.99	Spike	P	0 - 36
2444320	Kepone	2.01	Spike	P	0 - 85
2444320	Lambda-Cyhalothrin	23.3	Spike	P	0 - 55
2444320	Methoprene	13.7	Spike	P	0 - 53
2444320	Methoxychlor	3.04	Spike	P	0 - 50
2444320	MGK-264	7.97	Spike	P	0 - 43
2444320	Mirex	16.0	Spike	P	0 - 40
2444320	Oxychlordane	4.63	Spike	P	0 - 31
2444320	Permethrin	17.1	Spike	P	0 - 50
2444320	Phenothrin	24.5	Spike	P	0 - 58
2444320	Piperonyl Butoxide	5.96	Spike	P	0 - 100
2444320	Prallethrin	7.85	Spike	P	0 - 39
2444320	Tau-Fluvalinate	7.03	Spike	P	0 - 54
2444320	Tetramethrin	17.6	Spike	P	0 - 51
2444320	Trans-Nonachlor	7.93	Spike	P	0 - 39
2444320	Triclosan Methyl	2.92	Spike	P	0 - 31
2444320	Trifluralin	1.09	Spike	P	0 - 22

Reference Method: EPA 8276
Batch ID: P436476

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444327	Chlordane	16.6	Spike	P	0 - 28
2444327	Toxaphene	16.9	Spike	P	0 - 27

Reference Method: EPA 8321B
Batch ID: P436078

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2443336	Cylindrospermopsin	11.7	Spike	P	0 - 30
2443336	Desmethyl microcystin LR	9.50	Spike	P	0 - 30
2443336	Microcystin HILR	4.26	Spike	P	0 - 30
2443336	Microcystin HtyR	9.55	Spike	P	0 - 30
2443336	Microcystin LA	5.11	Spike	P	0 - 30
2443336	Microcystin LF	8.04	Spike	P	0 - 30
2443336	Microcystin LR	2.92	Spike	P	0 - 30
2443336	Microcystin LW	0.267	Spike	P	0 - 30
2443336	Microcystin LY	15.8	Spike	P	0 - 30
2443336	Microcystin RR	0.142	Spike	P	0 - 30
2443336	Microcystin WR	1.45	Spike	P	0 - 30
2443336	Microcystin YR	14.7	Spike	P	0 - 30
2443336	Nodularin-R	9.60	Spike	P	0 - 30

Quality Assurance Report Precision

Reference Method: EPA 8321B
Batch ID: P436079

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2443336	Anatoxin-a	2.87	Spike	P	0 - 30
2443336	Neosaxitoxin	4.72	Spike	P	0 - 30
2443336	Saxitoxin	4.68	Spike	P	0 - 30

Reference Method: FL-PRO 2018
Batch ID: P436467

Replicated Lab Sample	Component	% RSD/RPD	Sample/Spike/LCS*	Pass/Fail	Control Limits
2444193	TRPH	5.09	Spike	P	0 - 20

* Sample, spike and/or laboratory control sample precision (LCS) is reported.

Quality Assurance Report Surrogates

Lab Sample ID: 2444183

Field Sample ID: Storm Drain # 1

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	93.4	P	30 - 150
EPA 8270E	2-Fluorophenol	63.0	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	111	P	30 - 150
EPA 8270E	Nitrobenzene-d5	94.7	P	30 - 150
EPA 8270E	Phenol-d5	47.3	P	20 - 150
EPA 8270E	Terphenyl-d14	108	P	30 - 150

Lab Sample ID: 2444184

Field Sample ID: Storm Drain # 2

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	114	P	30 - 150
EPA 8270E	2-Fluorophenol	81.3	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	129	P	30 - 150
EPA 8270E	Nitrobenzene-d5	120	P	30 - 150
EPA 8270E	Phenol-d5	58.4	P	20 - 150
EPA 8270E	Terphenyl-d14	123	P	30 - 150

Lab Sample ID: 2444185

Field Sample ID: Storm Drain # 3

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	102	P	30 - 150
EPA 8270E	2-Fluorophenol	78.0	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	122	P	30 - 150
EPA 8270E	Nitrobenzene-d5	105	P	30 - 150
EPA 8270E	Phenol-d5	58.3	P	20 - 150
EPA 8270E	Terphenyl-d14	112	P	30 - 150

Lab Sample ID: 2444186

Field Sample ID: Storm Drain # 4

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	108	P	30 - 150
EPA 8270E	2-Fluorophenol	81.4	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	121	P	30 - 150
EPA 8270E	Nitrobenzene-d5	114	P	30 - 150
EPA 8270E	Phenol-d5	60.9	P	20 - 150
EPA 8270E	Terphenyl-d14	118	P	30 - 150

Lab Sample ID: 2444187

Field Sample ID: Storm Drain # 5

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	99.9	P	30 - 150
EPA 8270E	2-Fluorophenol	71.3	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	115	P	30 - 150
EPA 8270E	Nitrobenzene-d5	105	P	30 - 150
EPA 8270E	Phenol-d5	51.4	P	20 - 150
EPA 8270E	Terphenyl-d14	105	P	30 - 150

Quality Assurance Report Surrogates

Lab Sample ID: 2444188

Field Sample ID: Storm Drain # 6

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	2-Fluorobiphenyl	92.6	P	30 - 150
EPA 8270E	2-Fluorophenol	69.0	P	20 - 150
EPA 8270E	2,4,6-Tribromophenol	106	P	30 - 150
EPA 8270E	Nitrobenzene-d5	99.1	P	30 - 150
EPA 8270E	Phenol-d5	50.0	P	20 - 150
EPA 8270E	Terphenyl-d14	105	P	30 - 150

Lab Sample ID: 2444189

Field Sample ID: Storm Drain # 1

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	78.9	P	36 - 132
FL-PRO 2018	o-Terphenyl	89.6	P	66 - 136

Lab Sample ID: 2444190

Field Sample ID: Storm Drain # 2

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	76.4	P	36 - 132
FL-PRO 2018	o-Terphenyl	90.9	P	66 - 136

Lab Sample ID: 2444191

Field Sample ID: Storm Drain # 3

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	84.0	P	36 - 132
FL-PRO 2018	o-Terphenyl	95.3	P	66 - 136

Lab Sample ID: 2444192

Field Sample ID: Storm Drain # 4

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	79.2	P	36 - 132
FL-PRO 2018	o-Terphenyl	91.0	P	66 - 136

Lab Sample ID: 2444193

Field Sample ID: Storm Drain # 5

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	73.8	P	36 - 132
FL-PRO 2018	o-Terphenyl	83.8	P	66 - 136

Lab Sample ID: 2444194

Field Sample ID: Storm Drain # 6

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
FL-PRO 2018	Nonatriacontane(C39)	77.7	P	36 - 132
FL-PRO 2018	o-Terphenyl	86.2	P	66 - 136

Quality Assurance Report Surrogates

Lab Sample ID: 2444227

Field Sample ID: Storm Drain # 1

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	100	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	59.9	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	72.1	P	28 - 102
EPA 8276	PCNB	119	F	49 - 115

Lab Sample ID: 2444228

Field Sample ID: Storm Drain # 2

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	80.8	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	36.0	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	49.0	P	28 - 102
EPA 8276	PCNB	88.7	P	49 - 115

Lab Sample ID: 2444229

Field Sample ID: Storm Drain # 3

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	52.5	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	29.7	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	50.3	P	28 - 102
EPA 8276	PCNB	74.9	P	49 - 115

Lab Sample ID: 2444230

Field Sample ID: Storm Drain # 4

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	67.7	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	30.6	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	53.6	P	28 - 102
EPA 8276	PCNB	86.1	P	49 - 115

Lab Sample ID: 2444231

Field Sample ID: Storm Drain # 5

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	110	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	73.3	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	74.1	P	28 - 102
EPA 8276	PCNB	82.5	P	49 - 115

Lab Sample ID: 2444232

Field Sample ID: Storm Drain # 6

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Decachlorobiphenyl	106	P	26 - 115
EPA 8270E	Tetrachloro-m-xylene	67.7	P	29 - 95.0
EPA 8276	Decachlorobiphenyl	55.6	P	28 - 102
EPA 8276	PCNB	123	F	49 - 115

Quality Assurance Report Surrogates

Lab Sample ID: 2444233

Field Sample ID: Storm Drain # 1

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	96.3	P	20 - 200
EPA 8270E	Simazine-d10	128	P	58 - 137
EPA 8270E	Terbufos-d10	111	P	50 - 134

Lab Sample ID: 2444234

Field Sample ID: Storm Drain # 2

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	117	P	20 - 200
EPA 8270E	Simazine-d10	92.8	P	58 - 137
EPA 8270E	Terbufos-d10	111	P	50 - 134

Lab Sample ID: 2444235

Field Sample ID: Storm Drain # 3

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	133	P	20 - 200
EPA 8270E	Simazine-d10	105	P	58 - 137
EPA 8270E	Terbufos-d10	111	P	50 - 134

Lab Sample ID: 2444236

Field Sample ID: Storm Drain # 4

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	127	P	20 - 200
EPA 8270E	Simazine-d10	76.9	P	58 - 137
EPA 8270E	Terbufos-d10	89.6	P	50 - 134

Lab Sample ID: 2444237

Field Sample ID: Storm Drain # 5

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	128	P	20 - 200
EPA 8270E	Simazine-d10	99.1	P	58 - 137
EPA 8270E	Terbufos-d10	112	P	50 - 134

Lab Sample ID: 2444238

Field Sample ID: Storm Drain # 6

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8270E	Caffeine-d9	89.8	P	20 - 200
EPA 8270E	Simazine-d10	81.1	P	58 - 137
EPA 8270E	Terbufos-d10	95.9	P	50 - 134

Lab Sample ID: 2444269

Field Sample ID: Storm Drain # 1

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	97.4	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	115	P	30 - 160

Quality Assurance Report Surrogates

Lab Sample ID: 2444270
Field Sample ID: Storm Drain # 2

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	96.8	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	105	P	30 - 160

Lab Sample ID: 2444271
Field Sample ID: Storm Drain # 3

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	94.8	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	117	P	30 - 160

Lab Sample ID: 2444272
Field Sample ID: Storm Drain # 4

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	95.5	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	97.2	P	30 - 160

Lab Sample ID: 2444273
Field Sample ID: Storm Drain # 5

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	91.7	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	111	P	30 - 160

Lab Sample ID: 2444274
Field Sample ID: Storm Drain # 6

Reference Method	Surrogate	% Rec.	Pass/Fail	Control Limits
EPA 8321B	Anatoxin-a 13C4	95.4	P	30 - 160
EPA 8321B	Microcystin LR ethyl-d5	105	P	30 - 160

Quality Assurance Report Calibration Verification

Reference Method: EPA 8321B

Run ID: A122102

Included Lab Sample IDs: 2444269, 2444270, 2444271, 2444272, 2444273, 2444274

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Anatoxin-a	108	129	P/P	50 - 160
Anatoxin-a	129	131	P/P	50 - 160
Neosaxitoxin	105	134	P/P	50 - 160
Neosaxitoxin	134	137	P/P	50 - 160
Saxitoxin	109	130	P/P	50 - 160
Saxitoxin	130	130	P/P	50 - 160

Reference Method: EPA 8321B

Run ID: A122104

Included Lab Sample IDs: 2444269, 2444270, 2444271, 2444272, 2444273, 2444274

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Cylindrospermopsin	107	118	P/P	60 - 160
Cylindrospermopsin	108	107	P/P	60 - 160
Desmethyl microcystin LR	106	109	P/P	50 - 160
Desmethyl microcystin LR	110	106	P/P	50 - 160
Microcystin HiiR	106	106	P/P	60 - 160
Microcystin HiiR	116	106	P/P	60 - 160
Microcystin HtyR	105	107	P/P	60 - 160
Microcystin HtyR	107	105	P/P	60 - 160
Microcystin LA	106	96.8	P/P	50 - 160
Microcystin LA	115	106	P/P	50 - 160
Microcystin LF	118	116	P/P	60 - 160
Microcystin LF	119	118	P/P	60 - 160
Microcystin LR	109	111	P/P	60 - 160
Microcystin LR	111	105	P/P	60 - 160
Microcystin LW	103	106	P/P	60 - 160
Microcystin LW	106	106	P/P	60 - 160
Microcystin LY	102	99.9	P/P	60 - 160
Microcystin LY	99.9	97.2	P/P	60 - 160
Microcystin RR	111	118	P/P	60 - 160
Microcystin RR	119	111	P/P	60 - 160
Microcystin WR	103	105	P/P	60 - 160
Microcystin WR	105	109	P/P	60 - 160
Microcystin YR	105	95.6	P/P	60 - 160
Microcystin YR	95.6	105	P/P	60 - 160
Nodularin-R	105	106	P/P	60 - 160
Nodularin-R	106	107	P/P	60 - 160

Reference Method: FL-PRO 2018

Run ID: A122152

Included Lab Sample IDs: 2444189, 2444190, 2444191, 2444192, 2444193, 2444194

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
TRPH	118	115	P/P	75 - 125

Reference Method: EPA 8270E

Run ID: A122178

Included Lab Sample IDs: 2444233, 2444234, 2444235, 2444236, 2444237, 2444238

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
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Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A122178

Included Lab Sample IDs: 2444233, 2444234, 2444235, 2444236, 2444237, 2444238

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Acetochlor	86.6		P	80 - 120
Alachlor	88.6		P	80 - 120
Ametryn	98.8		P	80 - 120
Atrazine	91.8		P	80 - 120
Atrazine Desethyl	97.1		P	80 - 120
Azinphos Methyl	88.5		P	80 - 120
Azoxystrobin	98.1		P	80 - 120
Bromacil	101		P	80 - 120
Butylate	102		P	80 - 120
Caffeine	84.1		P	80 - 120
Carbophenothion	96.5		P	80 - 120
Carfentrazone Ethyl	104		P	80 - 120
Chlorfenapyr	83.1		P	80 - 120
Chlorpyrifos Ethyl	86.0		P	80 - 120
Chlorpyrifos Methyl	99.0		P	80 - 120
Coumaphos	93.9		P	80 - 120
Cyanazine	96.8		P	80 - 120
Cyprodinil	107		P	80 - 120
Demeton	100		P	80 - 120
Diazinon	102		P	80 - 120
Difenoconazole	80.0*		F	80 - 120
Dimethenamid	99.2		P	80 - 120
Dimethomorph	97.2		P	80 - 120
Disulfoton	100		P	80 - 120
Dithiopyr	97.3		P	80 - 120
EPTC	99.7		P	80 - 120
Ethion	89.8		P	80 - 120
Ethoprop	98.2		P	80 - 120
Etridiazole	97.8		P	80 - 120
Fenamiphos	88.6		P	80 - 120
Fenbuconazole	87.2		P	80 - 120
Fipronil	89.3		P	80 - 120
Fipronil Desulfinyl	99.5		P	80 - 120
Fipronil Sulfide	106		P	80 - 120
Fipronil Sulfone	101		P	80 - 120
Fluazifop-P-butyl	107		P	80 - 120
Fludioxonil	104		P	80 - 120
Flumioxazin	97.1		P	80 - 120
Flutolanil	102		P	80 - 120
Fluxapyroxad	102		P	80 - 120
Fonofos	95.4		P	80 - 120
Hexazinone	101		P	80 - 120
Imazalil	116		P	80 - 120
Iprodione	90.0		P	80 - 120
Loratadine	85.7		P	80 - 120
Malathion	80.2		P	80 - 120
Metalaxyl	91.0		P	80 - 120
Metolachlor	101		P	80 - 120
Metribuzin	104		P	80 - 120
Mevinphos	98.4		P	80 - 120
Molinate	85.3		P	80 - 120

Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A122178

Included Lab Sample IDs: 2444233, 2444234, 2444235, 2444236, 2444237, 2444238

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Myclobutanil	93.6		P	80 - 120
Naled	109		P	80 - 120
Napropamide	102		P	80 - 120
Norflurazon	106		P	80 - 120
Oxadiazon	103		P	80 - 120
Oxyfluorfen	93.8		P	80 - 120
Parathion Ethyl	95.8		P	80 - 120
Parathion Methyl	82.4		P	80 - 120
Pendimethalin	97.6		P	80 - 120
Phenytol	98.5		P	80 - 120
Phorate	104		P	80 - 120
Prodiamine	92.8		P	80 - 120
Prometon	109		P	80 - 120
Prometryn	99.1		P	80 - 120
Pronamide	100		P	80 - 120
Propanil	114		P	80 - 120
Propargite	96.9		P	80 - 120
Propiconazole	88.5		P	80 - 120
Pyraflufen Ethyl	103		P	80 - 120
Pyridaben	103		P	80 - 120
Pyriproxyfen	103		P	80 - 120
Simazine	88.3		P	80 - 120
Stiophos	82.6		P	80 - 120
Sulfentrazone	105		P	80 - 120
Tebuconazole	102		P	80 - 120
Terbufos	101		P	80 - 120
Terbutylazine	88.0		P	80 - 120
Thiobencarb	103		P	80 - 120
Triadimefon	101		P	80 - 120

Reference Method: EPA 200.8 Rev. 5.4

Run ID: A122183

Included Lab Sample IDs: 2444263, 2444264, 2444265, 2444266, 2444267, 2444268

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Aluminum	99.0	98.4	P/P	90 - 110
Antimony	99.5	101	P/P	90 - 110
Arsenic	95.5	93.6	P/P	90 - 110
Barium	99.0	99.0	P/P	90 - 110
Beryllium	95.8	95.2	P/P	90 - 110
Boron	105	104	P/P	90 - 110
Cadmium	102	103	P/P	90 - 110
Chromium	106	105	P/P	90 - 110
Cobalt	96.8	94.5	P/P	90 - 110
Copper	93.6	91.3	P/P	90 - 110
Lead	94.8	94.8	P/P	90 - 110
Manganese	103	103	P/P	90 - 110
Molybdenum	98.6	98.3	P/P	90 - 110
Nickel	94.6	92.1	P/P	90 - 110
Selenium	97.8	97.6	P/P	90 - 110
Silver	102	102	P/P	90 - 110

Quality Assurance Report Calibration Verification

Reference Method: EPA 200.8 Rev. 5.4

Run ID: A122183

Included Lab Sample IDs: 2444263, 2444264, 2444265, 2444266, 2444267, 2444268

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Thallium	98.3	98.8	P/P	90 - 110

Reference Method: EPA 8276

Run ID: A122185

Included Lab Sample IDs: 2444227, 2444228, 2444229, 2444230, 2444231, 2444232

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Chlordane	105		P	80 - 120
Chlordane	105		P	80 - 120
Toxaphene	104		P	80 - 120
Toxaphene	99.3		P	80 - 120

Reference Method: EPA 200.7 Rev. 4.4

Run ID: A122190

Included Lab Sample IDs: 2444263, 2444264, 2444265, 2444266, 2444267, 2444268

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Calcium	100	99.5	P/P	90 - 110
Calcium	99.5	100	P/P	90 - 110
Iron	100	101	P/P	90 - 110
Iron	101	100	P/P	90 - 110
Magnesium	101	99.8	P/P	90 - 110
Magnesium	99.7	101	P/P	90 - 110
Potassium	96.6	97.8	P/P	90 - 110
Potassium	97.8	95.4	P/P	90 - 110
Sodium	96.5	96.5	P/P	90 - 110
Sodium	96.5	92.9	P/P	90 - 110
Strontium	103	102	P/P	90 - 110
Strontium	103	103	P/P	90 - 110
Tin	105	105	P/P	90 - 110
Tin	105	105	P/P	90 - 110
Titanium	104	104	P/P	90 - 110
Titanium	105	104	P/P	90 - 110
Vanadium	103	103	P/P	90 - 110
Vanadium	104	103	P/P	90 - 110
Zinc	106	105	P/P	90 - 110
Zinc	106	106	P/P	90 - 110

Reference Method: EPA 8270E

Run ID: A122191

Included Lab Sample IDs: 2444227, 2444228, 2444229, 2444230, 2444231, 2444232

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Aldrin	102		P	80 - 120
Alpha-BHC	105		P	80 - 120
Alpha-Chlordane	114		P	80 - 120
Beta-BHC	96.7		P	80 - 120
Beta-Cyfluthrin	103		P	80 - 120
Bifenthrin	114		P	80 - 120
Chlorothalonil	134*		F	80 - 120
Cis-Nonachlor	96.4		P	80 - 120

Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A122191

Included Lab Sample IDs: 2444227, 2444228, 2444229, 2444230, 2444231, 2444232

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Cypermethrin	115		P	80 - 120
Dacthal	97.1		P	80 - 120
DDD-p,p'	105		P	80 - 120
DDE-p,p'	99.3		P	80 - 120
DDT-p,p'	115		P	80 - 120
Delta-BHC	117		P	80 - 120
Deltamethrin	103		P	80 - 120
Dichlobenil	103		P	80 - 120
Dicofol	99.3		P	80 - 120
Dieldrin	108		P	80 - 120
Endosulfan I	114		P	80 - 120
Endosulfan II	106		P	80 - 120
Endosulfan Sulfate	103		P	80 - 120
Endrin	106		P	80 - 120
Endrin Aldehyde	107		P	80 - 120
Endrin Ketone	99.7		P	80 - 120
Esfenvalerate	118		P	80 - 120
Ethalfuralin	108		P	80 - 120
Fenpropathrin	113		P	80 - 120
Gamma-BHC	99.1		P	80 - 120
Gamma-Chlordane	112		P	80 - 120
Heptachlor	110		P	80 - 120
Heptachlor Epoxide	103		P	80 - 120
Hexachlorobenzene	104		P	80 - 120
Kepone	134*		F	80 - 120
Lambda-Cyhalothrin	114		P	80 - 120
Methoprene	106		P	80 - 120
Methoxychlor	118		P	80 - 120
MGK-264	105		P	80 - 120
Mirex	101		P	80 - 120
Oxychlordane	107		P	80 - 120
Permethrin	116		P	80 - 120
Phenothrin	109		P	80 - 120
Piperonyl Butoxide	110		P	80 - 120
Prallethrin	112		P	80 - 120
Tau-Fluvalinate	105		P	80 - 120
Tetramethrin	114		P	80 - 120
Trans-Nonachlor	106		P	80 - 120
Triclosan Methyl	103		P	80 - 120
Trifluralin	105		P	80 - 120

Reference Method: EPA 8270E

Run ID: A122202

Included Lab Sample IDs: 2444183, 2444184, 2444185, 2444186, 2444187, 2444188

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
1-Naphthylamine	71.7		P	60 - 130
2-Acetylaminofluorene	104		P	70 - 150
2-Methyl-4,6-dinitrophenol	77.9		P	70 - 130
2-Naphthylamine	84.9		P	60 - 130
2-Picoline	112		P	70 - 130

Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A122202

Included Lab Sample IDs: 2444183, 2444184, 2444185, 2444186, 2444187, 2444188

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
2,4-Dinitrophenol	80.4		P	70 - 130
3,3'-Dichlorobenzidine	76.4		P	50 - 130
4-Aminobiphenyl	82.0		P	70 - 130
4-Nitrophenol	98.4		P	70 - 130
Aniline	70.2		P	70 - 130
Benzidine	80.5		P	50 - 130
Bis(2-ethylhexyl)phthalate	94.4		P	70 - 130
Butyl benzyl phthalate	94.4		P	70 - 130
Di-n-butyl phthalate	95.9		P	70 - 130
Diethyl phthalate	97.6		P	70 - 130
Dinoseb	86.6		P	70 - 130
Ethyl methanesulfonate	102		P	70 - 130
N-Nitrosodiethylamine	103		P	70 - 130
N-Nitrosodimethylamine	114		P	70 - 130
N-Nitrosomethylethylamine	107		P	70 - 130
Pentachlorophenol	86.2		P	70 - 130
Phenacetin	104		P	70 - 130
Pyridine	104		P	70 - 130

Reference Method: EPA 8270E

Run ID: A122216

Included Lab Sample IDs: 2444183, 2444184, 2444185, 2444186, 2444187, 2444188

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
1-Methylnaphthalene	90.8		P	70 - 130
1,2,4-Trichlorobenzene	103		P	70 - 130
1,2,4,5-Tetrachlorobenzene	93.4		P	70 - 130
1,3-Dinitrobenzene	95.9		P	70 - 130
1,3,5-Trinitrobenzene	105		P	70 - 130
2-Chloronaphthalene	105		P	70 - 130
2-Chlorophenol	98.5		P	70 - 130
2-Methylnaphthalene	118		P	70 - 130
2-Nitroaniline	77.0		P	70 - 130
2-Nitrophenol	95.3		P	70 - 130
2,3,4,6-Tetrachlorophenol	74.1		P	70 - 130
2,4-Dichlorophenol	91.8		P	70 - 130
2,4-Dimethylphenol	99.1		P	70 - 130
2,4-Dinitrotoluene	93.9		P	70 - 130
2,4,5-Trichlorophenol	95.8		P	70 - 130
2,4,6-Trichlorophenol	95.0		P	70 - 130
2,6-Dichlorophenol	95.6		P	70 - 130
2,6-Dinitrotoluene	123		P	70 - 130
3-Methylcholanthrene	94.5		P	70 - 130
4-Bromophenyl phenyl ether	106		P	70 - 130
4-Chloro-3-methylphenol	86.1		P	70 - 130
4-Chlorophenyl phenyl ether	105		P	70 - 130
5-Nitro-o-toluidine	99.0		P	70 - 130
7,12-Dimethylbenz(a)anthracene	74.5		P	70 - 130
Acenaphthene	104		P	70 - 130
Acenaphthylene	106		P	70 - 130
Acetophenone	78.7		P	70 - 130

Quality Assurance Report Calibration Verification

Reference Method: EPA 8270E

Run ID: A122216

Included Lab Sample IDs: 2444183, 2444184, 2444185, 2444186, 2444187, 2444188

Component	% Rec.1	% Rec.2	Pass/Fail*	Control Limits
Anthracene	102		P	70 - 130
Azobenzene/1,2-Diphenylhydrazine	108		P	70 - 130
Benzo(a)anthracene	108		P	70 - 130
Benzo(a)pyrene	103		P	70 - 130
Benzo(b)fluoranthene	100		P	70 - 130
Benzo(g,h,i)perylene	95.6		P	70 - 130
Benzo(k)fluoranthene	110		P	70 - 130
Benzyl alcohol	87.3		P	70 - 130
Bis(2-chloroethoxy)methane	96.5		P	70 - 130
Bis(2-chloroethyl)ether	84.7		P	70 - 130
Bis(2-chloroisopropyl)ether	106		P	70 - 130
Carbazole	91.5		P	70 - 130
Chrysene	104		P	70 - 130
Di-n-octyl phthalate	97.7		P	70 - 130
Dibenzo(a,h)anthracene	93.0		P	70 - 130
Dibenzofuran	108		P	70 - 130
Dimethyl phthalate	104		P	70 - 130
Dimethylaminoazobenzene	97.5		P	70 - 130
Fluoranthene	105		P	70 - 130
Fluorene	107		P	70 - 130
Hexachlorobenzene	105		P	70 - 130
Hexachlorobutadiene	101		P	70 - 130
Hexachlorocyclopentadiene	105		P	70 - 130
Hexachloroethane	106		P	70 - 130
Hexachloropropene	103		P	70 - 130
Indeno(1,2,3-cd)pyrene	100		P	70 - 130
Isophorone	99.2		P	70 - 130
Isosafrole	83.3		P	70 - 130
m,p-Cresols	83.0		P	70 - 130
N-Nitrosodi-n-butylamine	86.5		P	70 - 130
N-Nitrosodi-n-propylamine	99.2		P	70 - 130
N-Nitrosodiphenylamine/ Diphenylamine	108		P	70 - 130
N-Nitrosomorpholine	106		P	70 - 130
N-Nitrosopiperidine	105		P	70 - 130
N-Nitrosopyrrolidine	96.5		P	70 - 130
Naphthalene	102		P	70 - 130
Nitrobenzene	98.7		P	70 - 130
o-Cresol	95.0		P	70 - 130
o-Toluidine	102		P	70 - 130
Pentachlorobenzene	94.1		P	70 - 130
Pentachloroethane	103		P	70 - 130
Pentachloronitrobenzene	100		P	70 - 130
Phenanthrene	104		P	70 - 130
Phenol	98.6		P	70 - 130
Pyrene	107		P	70 - 130
Safrole	94.5		P	70 - 130

* Pass/Fail determinations are made for each bracketing calibration verification check.

Control limits for initial calibration checks may be different from those for continuing checks, depending on method requirements.
Where they are different, both control limits are provided.

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery			Precision SMP	MS
			LCS				
EPA 200.7 Rev. 4.4	Calcium	101	103	101			1.98
	Iron	105	104	105	103		0.778
	Magnesium	107	105	107	103		1.62
	Potassium	98.0	98.3	103	106		3.05
	Sodium	100	100	106	98.9		2.99
	Strontium	101	101	103	102		1.67
	Tin	106	102	102	104		0.489
	Titanium	101	104	104	104		0.0434
	Vanadium	103	103	104	103		0.317
	Zinc	105	104	105	106		1.32
EPA 200.8 Rev. 5.4	Aluminum	95.6	97.4	97.4	97.9		0.0135
	Antimony	96.1	100	103	103		2.45
	Arsenic	96.7	97.5	98.2	96.9		0.701
	Barium	99.1	102	104	102		1.26
	Beryllium	93.0	94.2	94.5	93.8		0.390
	Boron	98.2	107	107	109		0.173
	Cadmium	98.4	103	103	102		0.0364
	Chromium	96.1	102	101	104		0.563
	Cobalt	96.4	95.9	95.6	95.0		0.299
	Copper	94.7	93.3	93.0	90.7		0.313
	Lead	92.8	95.2	96.4	95.4		1.32
	Manganese	96.0	100	103	103		1.15
	Molybdenum	95.8	102	102	100		0.0603
	Nickel	95.2	92.6	92.1	91.8		0.468
	Selenium	95.2	94.3	94.3	91.6		0.0270
	Silver	107	108	109	110		1.22
	Thallium	98.0	103	104	102		1.38
EPA 8270E	1-Methylnaphthalene	100	103	97.4			5.49
	1-Naphthylamine	28.7	28.7	28.5			0.699
	1,2,4-Trichlorobenzene	96.0	102	92.2			9.99
	1,2,4,5-Tetrachlorobenzene	105	103	116			11.4
	1,3-Dinitrobenzene	114	114	121			5.92
	1,3,5-Trinitrobenzene	82.6	79.8	89.8			11.8
	2-Acetylaminofluorene	119	119	128			7.52
	2-Chloronaphthalene	99.6	102	96.3			6.24
	2-Chlorophenol	95.1	102	94.5			7.44
	2-Methyl-4,6-dinitrophenol	53.4	106	98.2			7.36
	2-Methylnaphthalene	96.8	101	94.3			6.86
	2-Naphthylamine	54.9	40.2	47.2			16.0
	2-Nitroaniline	104	108	99.3			8.39
	2-Nitrophenol	104	110	101			8.47
	2-Picoline	101	100	109			8.42
	2,3,4,6-Tetrachlorophenol	113	114	118			3.52
	2,4-Dichlorophenol	102	109	100			8.15
	2,4-Dimethylphenol	111	117	108			8.02
	2,4-Dinitrophenol	94.6	87.6	82.4			6.12
	2,4-Dinitrotoluene	107	112	103			8.44
	2,4,5-Trichlorophenol	109	113	107			5.46
	2,4,6-Trichlorophenol	102	110	102			7.58
	2,6-Dichlorophenol	115	113	124			9.51
	2,6-Dinitrotoluene	115	120	112			7.42
	3-Methylcholanthrene	119	112	122			9.24
	3,3'-Dichlorobenzidine	141	135	133			1.73
	4-Aminobiphenyl	64.7	68.5	71.5			4.29

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		LCS	Precision	MS
						SMP	
EPA 8270E	4-Bromophenyl phenyl ether	106	103	108			4.44
	4-Chloro-3-methylphenol	103	113	102			9.67
	4-Chlorophenyl phenyl ether	107	113	104			8.12
	4-Nitrophenol	99.9	106	98.7			7.13
	5-Nitro-o-toluidine	105	102	113			9.86
	7,12-Dimethylbenz(a)anthracene	116	93.0	91.4			1.74
	Acenaphthene	103	106	99.0			6.99
	Acenaphthylene	98.7	103	95.6			7.26
	Acetochlor	90.1	96.1	75.4			24.1
	Acetophenone	110	111	122			8.67
	Alachlor	87.9	73.2	74.4			1.56
	Aldrin	55.7	63.2	54.0			15.7
	Alpha-BHC	90.4	93.2	87.3			6.56
	Alpha-Chlordane	73.1	82.8	80.4			2.96
	Ametryn	138	137	127			7.07
	Aniline	76.6	83.5	68.4			19.9
	Anthracene	108	103	109			5.65
	Atrazine	99.6					3.08
	Atrazine Desethyl	110	77.9	77.7			0.196
	Azinphos Methyl	88.7	75.1	76.0			1.16
	Azobenzene/1,2-Diphenylhydrazine	104	107	100			6.65
	Azoxystrobin	103	84.8	95.9			11.8
	Benzidine	68.2	24.9	32.0			25.0
	Benzo(a)anthracene	111	107	114			6.80
	Benzo(a)pyrene	108	101	109			7.83
	Benzo(b)fluoranthene	113	103	114			10.2
	Benzo(g,h,i)perylene	119	110	116			5.74
	Benzo(k)fluoranthene	127	115	128			10.3
	Benzyl alcohol	98.0	105	96.9			7.93
	Beta-BHC	84.0	88.6	76.7			14.5
	Beta-Cyfluthrin	75.3	89.9	81.3			10.0
	Bifenthrin	58.2	77.5	54.3			35.3
	Bis(2-chloroethoxy)methane	103	110	100			8.85
	Bis(2-chloroethyl)ether	98.0	103	96.4			6.23
	Bis(2-chloroisopropyl)ether	98.0	104	96.5			7.58
	Bis(2-ethylhexyl)phthalate	121	117	124			5.71
	Bromacil	113	110	91.2			18.4
	Butyl benzyl phthalate	116	112	119			6.13
	Butylate	69.0	72.3	79.9			10.0
	Caffeine	75.9	92.6	96.8			4.39
	Carbazole	77.4	96.9	93.8			3.25
	Carbophenothion	95.1	104	82.6			22.6
	Carfentrazone Ethyl	110	119	90.4			27.6
	Chlorfenapyr	98.0	106	102			3.25
	Chlorothalonil	37.6	82.3	55.4			39.1
	Chlorpyrifos Ethyl	100	90.4	93.6			3.56
	Chlorpyrifos Methyl	102	128	123			4.26
	Chrysene	111	108	115			6.17
	Cis-Nonachlor	67.0	79.2	72.5			8.82
	Coumaphos	92.3	97.7	92.3			5.63
	Cyanazine	232	228	242			5.97
	Cypermethrin	70.0	105	90.1			15.4
	Cyprodinil	117	135	116			15.3
	Dacthal	83.8	98.0	89.2			9.37

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		Precision SMP	MS
			LCS			
EPA 8270E	DDD-p,p'	85.1	88.8	86.6		2.43
	DDE-p,p'	75.6	77.6	77.7		0.113
	DDT-p,p'	71.8	85.3	79.7		6.72
	Delta-BHC	76.7	100	82.2		19.9
	Deltamethrin	69.3	110	102		7.29
	Demeton	95.3	99.3	95.3		4.08
	Di-n-butyl phthalate	118	113	118		4.68
	Di-n-octyl phthalate	124	107	115		7.23
	Diazinon	112	128	124		3.16
	Dibenzo(a,h)anthracene	117	112	117		4.55
	Dibenzofuran	98.3	103	95.2		8.26
	Dichlobenil	77.7	68.5	59.3		14.4
	Dicofol	77.2	73.8	76.8		4.00
	Dieldrin	73.8	79.7	77.9		2.28
	Diethyl phthalate	112	117	108		7.64
	Difenoconazole	79.0	80.3	70.0		13.7
	Dimethenamid	97.8	85.6	114		28.5
	Dimethomorph	225	218	198		8.77
	Dimethyl phthalate	106	111	102		8.15
	Dimethylaminoazobenzene	121	118	127		7.41
	Dinoseb	103	149	156		4.53
	Disulfoton	123	116	127		8.56
	Dithiopyr	97.7	106	112		5.68
	Endosulfan I	79.3	93.1	93.3		0.167
	Endosulfan II	83.0	91.4	85.9		6.27
	Endosulfan Sulfate	82.8	76.6	75.9		0.893
	Endrin	76.4	85.3	76.9		10.4
	Endrin Aldehyde	76.0	54.5	41.3		27.7
	Endrin Ketone	95.3	83.3	90.0		7.76
	EPTC	58.5	69.7	70.8		1.54
	Esfenvalerate	68.8	101	83.3		18.9
	Ethalfuralin	73.7	70.4	78.5		10.8
	Ethion	53.8	47.8	87.2		58.4
	Ethoprop	103	113	102		9.93
	Ethyl methanesulfonate	106	106	115		7.59
	Etridiazole	77.0	95.1	93.6		1.62
	Fenamiphos	97.6	63.7	62.3		2.24
	Fenbuconazole	66.1	69.3	86.9		22.6
	Fenpropathrin	72.0	83.3	75.2		10.2
	Fipronil	86.1	97.1	30.0		106
	Fipronil Desulfinyl	115	140	77.4		57.4
	Fipronil Sulfide	104	139	59.7		79.6
	Fipronil Sulfone	87.1	95.4	56.2		51.7
	Fluazifop-P-butyl	108	115	74.2		43.1
	Fludioxonil	91.6	104	92.9		11.4
	Flumioxazin	126	102	104		2.55
	Fluoranthene	111	106	112		6.04
	Fluorene	106	112	102		8.78
	Flutolanil	88.0	111	66.3		50.0
	Fluxapyroxad	95.2	95.6	97.8		2.23
	Fonofos	108	125	110		12.7
	Gamma-BHC	91.6	98.4	86.3		13.1
	Gamma-Chlordane	74.1	84.1	76.4		9.56
	Heptachlor	63.4	75.6	68.6		9.78

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		Precision SMP	MS
			LCS			
EPA 8270E	Heptachlor Epoxide	76.4	90.2	84.4		6.63
	Hexachlorobenzene	108	105	110		4.37
	Hexachlorobenzene	60.4	64.8	59.9		7.99
	Hexachlorobutadiene	91.1	98.5	89.6		9.46
	Hexachlorocyclopentadiene	64.4	51.4	53.7		4.38
	Hexachloroethane	88.3	90.5	85.0		6.27
	Hexachloropropene	77.7	65.3	69.4		6.09
	Hexazinone	105	99.2	106		6.54
	Imazalil	75.6	90.2	95.5		5.69
	Indeno(1,2,3-cd)pyrene	114	105	114		8.01
	Iprodione	109	89.8	99.9		10.8
	Isophorone	102	108	98.6		9.47
	Isosafrole	112	109	122		10.8
	Kepone	49.5	46.2	47.2		2.01
	Lambda-Cyhalothrin	67.2	95.6	75.6		23.3
	Loratadine	170	114	141		21.0
	m,p-Cresols	84.9	90.3	82.8		8.67
	Malathion	118	91.6	116		23.7
	Metalaxyl	113	117	98.5		9.12
	Methoprene	61.8	66.0	57.5		13.7
	Methoxychlor	82.0	91.0	88.3		3.04
	Metolachlor	105	83.2	98.5		13.7
	Metribuzin	115	109	115		5.12
	Mevinphos	114	127	130		2.40
	MGK-264	90.0	99.2	91.6		7.97
	Mirex	59.9	63.7	54.2		16.0
	Molinate	61.5	67.7	73.5		8.21
	Myclobutanil	108	107	125		15.7
	N-Nitrosodi-n-butylamine	113	109	121		10.2
	N-Nitrosodi-n-propylamine	102	108	98.5		9.48
	N-Nitrosodiethylamine	108	108	115		6.01
	N-Nitrosodimethylamine	93.1	100	94.0		6.58
	N-Nitrosodiphenylamine/ Diphenylamine	90.0	93.1	88.8		4.73
	N-Nitrosomethylethylamine	107	108	113		4.26
	N-Nitrosomorpholine	114	112	124		9.89
	N-Nitrosopiperidine	110	111	122		9.69
	N-Nitrosopyrrolidine	108	107	118		10.3
	Naled	55.3	73.9	62.8		16.2
	Naphthalene	97.2	106	96.0		9.52
	Napropamide	90.5	80.2	86.7		7.84
	Nitrobenzene	99.3	106	96.8		9.54
	Norflurazon	110	82.5	110		18.9
	o-Cresol	94.9	101	93.0		8.25
	o-Toluidine	103	94.1	111		16.7
	Oxadiazon	91.0	95.5	84.5		12.2
	Oxychlorthane	72.7	82.4	78.7		4.63
	Oxyfluorfen	125	115	127		9.20
	Parathion Ethyl	107	109	85.1		24.3
	Parathion Methyl	132	140	178		23.7
	Pendimethalin	116	124	114		7.75
	Pentachlorobenzene	109	106	115		8.40
	Pentachloroethane	92.3	92.1	101		9.42
	Pentachloronitrobenzene	112	111	119		7.04

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		LCS	Precision	MS
						SMP	
EPA 8270E	Pentachlorophenol	93.7	116	119			2.39
	Permethrin	72.4	92.0	77.5			17.1
	Phenacetin	120	118	125			6.18
	Phenanthrene	109	106	112			5.69
	Phenol	66.8	70.2	65.0			7.69
	Phenothrin	57.4	74.1	57.9			24.5
	Phenytol	53.8	149	74.8			66.5
	Phorate	122	134	136			1.43
	Piperonyl Butoxide	105	99.6	93.8			5.96
	Prallethrin	79.4	85.2	78.8			7.85
	Prodiamine	50.7	46.0	54.7			17.2
	Prometon	121	89.2	86.8			1.53
	Prometryn	127	110	118			7.63
	Pronamide	110	100	99.7			0.415
	Propanil	127	130	130			0.0830
	Propargite	74.3	101	69.9			36.6
	Propiconazole	106	114	131			13.4
	Pyraflufen Ethyl	132	99.6	130			26.4
	Pyrene	114	108	116			6.78
	Pyridaben	88.2	123	97.3			23.5
	Pyridine	72.9	74.9	68.6			8.78
	Pyriproxyfen	76.4	81.7	69.1			16.6
	Safrole	110	109	122			11.2
	Simazine	85.9	91.3	88.7			1.74
	Stirophos	62.6	40.9	50.3			20.7
	Sulfentrazone	83.9	73.5	69.0			6.26
	Tau-Fluvalinate	68.2	81.9	76.3			7.03
	Tebuconazole	68.8	79.1	114			35.7
	Terbufos	127	141	141			0.246
	Terbutylazine	86.9	82.4	90.3			9.12
	Tetramethrin	90.6	111	93.1			17.6
	Thiobencarb	112	103	90.2			13.4
	Trans-Nonachlor	73.1	79.5	73.4			7.93
	Triadimefon	100	76.2	84.8			10.6
	Triclosan Methyl	78.2	89.4	92.0			2.92
	Trifluralin	77.3	70.9	70.1			1.09
EPA 8276	Chlordane	78.1	81.3	96.0			16.6
	Toxaphene	86.0	77.7	94.7			16.9
EPA 8321B	Anatoxin-a	111	113	116			2.87
	Cylindrospermopsis	109	105	93.1			11.7
	Desmethyl microcystin LR	103	82.2	90.9			9.50
	Microcystin H1LR	91.9	95.2	91.2			4.26
	Microcystin HtyR	96.9	91.5	83.1			9.55
	Microcystin LA	93.8	87.4	93.9			5.11
	Microcystin LF	95.3	90.7	98.3			8.04
	Microcystin LR	97.1	93.6	90.7			2.92
	Microcystin LW	91.3	89.9	90.1			0.267
	Microcystin LY	93.4	98.7	84.2			15.8
	Microcystin RR	102	93.8	94.0			0.142
	Microcystin WR	95.8	88.7	87.4			1.45
	Microcystin YR	92.4	83.0	96.2			14.7
	Neosaxitoxin	99.5	103	108			4.72
	Nodularin-R	96.6	80.1	88.1			9.60
	Saxitoxin	97.1	104	109			4.68

Quality Assurance Report Summary

Ref. Method	Analyte	LCS % Recovery	MS % Recovery		Precision	
					LCS	MS
FL-PRO 2018	TRPH	95.6	93.9	98.9	SMP	5.09

Reference Method Descriptions

Method	Description	Associated Samples
EPA 200.7 Rev. 4.4	Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects	2444263, 2444264, 2444265, 2444266, 2444267, 2444268
EPA 200.8 Rev. 5.4	Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects	2444263, 2444264, 2444265, 2444266, 2444267, 2444268
EPA 8270E	EPA Method 8270, Semi-volatile organic pollutants including PAHs, excluding PCBs and Toxaphene, in water matrices by GC/MS.	2444183, 2444184, 2444185, 2444186, 2444187, 2444188
EPA 8270E	Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS	2444227, 2444228, 2444229, 2444230, 2444231, 2444232
EPA 8270E	Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS	2444233, 2444234, 2444235, 2444236, 2444237, 2444238
EPA 8276	Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization	2444227, 2444228, 2444229, 2444230, 2444231, 2444232
EPA 8321B	Microcystins in water matrices by HPLC/MS/MS	2444269, 2444270, 2444271, 2444272, 2444273, 2444274
EPA 8321B	Saxitoxin in water matrices by HPLC/MS/MS	2444269, 2444270, 2444271, 2444272, 2444273, 2444274
FL-PRO 2018	Total recoverable petroleum hydrocarbons in water samples by GC-FID.	2444189, 2444190, 2444191, 2444192, 2444193, 2444194

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 200.7 Rev. 4.4	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 19:02	McKinley C Carter	2444263
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 19:10	McKinley C Carter	2444264
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 19:18	McKinley C Carter	2444265
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 19:25	McKinley C Carter	2444266
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 20:00	McKinley C Carter	2444267
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 20:07	McKinley C Carter	2444268
EPA 200.8 Rev. 5.4	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 16:52	Conrad Hartmann	2444263
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 17:01	Conrad Hartmann	2444264
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 17:11	Conrad Hartmann	2444265
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 17:21	Conrad Hartmann	2444266
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 17:30	Conrad Hartmann	2444267
	10/11/2023	10/12/2023 11:50	George D Taylor	10/16/2023 17:40	Conrad Hartmann	2444268
EPA 8270E	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 19:19	Vandana T. Nagar	2444233
	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 19:46	Vandana T. Nagar	2444234
	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 20:13	Vandana T. Nagar	2444235
	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 20:40	Vandana T. Nagar	2444236
	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 21:07	Vandana T. Nagar	2444237
	10/11/2023	10/11/2023 13:30	Rasheda Ghaffari	10/13/2023 21:34	Vandana T. Nagar	2444238
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/16/2023 22:59	Julie Wi	2444227
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/16/2023 23:30	Julie Wi	2444228
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/17/2023 00:02	Julie Wi	2444229
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/17/2023 00:33	Julie Wi	2444230
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/17/2023 01:04	Julie Wi	2444231
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/17/2023 01:36	Julie Wi	2444232
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 12:12	Juyoung Kim	2444183
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 12:39	Juyoung Kim	2444184
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 13:06	Juyoung Kim	2444185
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 13:19	Juyoung Kim	2444187
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 13:33	Juyoung Kim	2444186
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 14:00	Juyoung Kim	2444187
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 14:27	Juyoung Kim	2444188
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 14:34	Juyoung Kim	2444183
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 15:03	Juyoung Kim	2444184
EPA 8276	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 15:28	Juyoung Kim	2444185
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 15:53	Juyoung Kim	2444186
	10/11/2023	10/16/2023 09:00	Hoor Shaik	10/17/2023 16:18	Juyoung Kim	2444188
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 10:22	Arthur Maknenko	2444227
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 11:19	Arthur Maknenko	2444228
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 12:16	Arthur Maknenko	2444229
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 13:14	Arthur Maknenko	2444230

Preparation and Analysis Log

Ref. Method	Received Date	Prep Date/Time	Prepared By	Analysis Date/Time	Analyzed By	Associated Samples
EPA 8276	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 15:08	Arthur Maknenko	2444231
	10/11/2023	10/12/2023 08:00	Fe-Val Siddell	10/15/2023 16:06	Arthur Maknenko	2444232
EPA 8321B	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 05:48	Tae K Lee	2444269
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 06:01	Tae K Lee	2444270
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 06:29	Tae K Lee	2444271
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 06:43	Tae K Lee	2444272
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 06:51	Tae K Lee	2444269
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 06:57	Tae K Lee	2444273
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 07:07	Tae K Lee	2444270
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 07:11	Tae K Lee	2444274
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 07:38	Tae K Lee	2444271
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 07:54	Tae K Lee	2444272
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 08:10	Tae K Lee	2444273
	10/11/2023	10/11/2023 12:00	Hana Lee	10/12/2023 08:25	Tae K Lee	2444274
	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 16:43	Lipi Saha	2444193
	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 18:01	Lipi Saha	2444189
FL-PRO 2018	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 18:39	Lipi Saha	2444190
	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 19:18	Lipi Saha	2444191
	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 19:57	Lipi Saha	2444192
	10/11/2023	10/12/2023 08:00	Lipi Saha	10/13/2023 20:36	Lipi Saha	2444194
	10/11/2023	10/12/2023 08:00	Lipi Saha			