Portland Harbor Sediment Data Summary

	4-FPV-CHG			4-FPV-CHM			4-FPV-CHP			4-FPV-HYG			4-FPV-HYM			4-FPV-HYP		
	L1	**L2**	**L3**	**L1**	**L2**	**L3**	**L1**	**L2**	**L3**	**L1**	**L2**	**L3**	**L1**	**L2**	**L3**	**L1**	**L2**	**L3**
Data Summary																		
No. of Chemicals: Total	17	17	17	13	13	13	14	14	14	7	7	7	13	13	13	11	11	11
Chem w/Adequate Data	17	17	17	13	13	13	14	14	14	7	7	7	13	13	13	11	11	11
Chem Screened as AET	0	8	11	0	6	7	0	5	8	0	1	1	0	6	6	0	0	1
Chem Calculated by FPM	17	9	6	13	7	6	14	9	6	7	6	6	13	7	7	11	11	10
No. of Data Points: Total	3145	3145	3145	2411	2411	2411	2644	2644	2644	1425	1425	1425	2411	2411	2411	2209	2209	2209
Chem w/Adequate Data	3145	3145	3145	2411	2411	2411	2644	2644	2644	1425	1425	1425	2411	2411	2411	2209	2209	2209
Number of Stations	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233	233
Number of Hits	29	24	17	47	34	25	56	42	32	139	98	46	30	20	18	158	116	64
Number of Indeterminates	18	6	6	11	0	0	16	0	0	22	4	4	3	0	0	16	0	0
Number of No-Hits	186	203	210	175	199	208	161	191	201	72	131	183	200	213	215	59	117	169

Note: Blue cells on the remaining pages indicate that the results for the specified chemical are all AETs.

CHG-L1

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Dieldrin	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Lead	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)	Zinc
						LWG Results																		
5	3	19	97	81	44	99	83	100	180	24.0	9.60	3.6	37	340	60	1330	0.30	2700	1.8	27	670	23000	3500	1940
10	10	17	90	83	45	98	84	100	180	24.0	9.60	3.6	37	340	65	1330	0.30	2700	1.8	32	670	1270000	3500	1940
15	14	14	86	86	49	98	86	100	180	24.0	9.60	3.6	37	340	420	1330	0.30	2700	1.8	32	670	1270000	3500	1940
20	21	12	79	88	50	96	87	100	180	24.0	9.60	3.6	37	390	420	1330	0.30	2700	1.8	32	670	1270000	3500	1940
25	24	10	76	90	54	96	88	100	280	24.0	9.60	3.6	37	390	420	1330	0.30	2700	1.8	32	670	1270000	3500	1940
						DEQ FPM7 Results																		
5	0	39	100	61	28	100	66	100	130	5.1	8.5	3.5	9	390	380	170	0.23	2,600	1.7	17	11	19,000	240	1,900
10	7	59	93	41	20	97	48	76	130	5	3.8	0.4	3	430	59	46	0.14	1,200	0.3	17	4	12,000	270	210
15	14	54	86	46	20	96	51	78	140	6	4.4	0.5	3	500	67	52	0.15	1,300	0.3	21	5	17,000	300	240
20	17	52	83	48	20	95	53	81	150	7	4.6	0.6	4	550	69	54	0.17	1,500	0.3	29	6	23,000	340	260
25	24	42	76	58	22	94	60	83	160	7	5.9	0.7	5	940	94	66	0.19	1,900	0.4	34	8	41,000	790	290

CHG-L2

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Dieldrin	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Lead	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)	Zinc
						LWG Results																		
5	4	13	96	87	46	99	88	100	180	24.0	9.60	3.6	37	340	420	1330	0.63	4500	1.8	29	673	1270000	3500	1940
10	8	12	92	88	47	99	88	100	180	24.0	9.60	3.6	37	340	420	1330	0.63	4500	1.8	32	673	1270000	3500	1940
15	17	11	83	89	48	98	89	100	180	24.0	9.60	3.6	37	390	420	1330	0.63	4500	1.8	32	673	1270000	3500	1940
20	21	11	79	89	45	97	88	100	180	24.0	9.60	3.6	37	400	420	1330	0.63	4500	1.8	32	673	1270000	3500	1940
25	25	9	75	91	49	97	89	100	180	24.0	9.60	3.6	37	520	420	1330	0.63	4500	1.8	32	673	1270000	3500	1940
						DEQ FPM7 Results																		
5	0	32	100	68	27	100	71	100	130	5.1	9.5	3.5	21	390	1,000	170	0.62	4,400	1.7	29	67	1,200,000	440	1,900
10	8	25	92	75	30	99	77	100	130	22	9.5	3.5	21	540	1,000	170	0.62	4,400	1.7	29	9	1,200,000	440	1,900
15	13	21	88	79	33	98	80	100	270	22	9.5	3.5	21	540	1,000	170	0.18	4,400	1.7	29	9	1,200,000	440	1,900
20	17	19	83	81	34	98	81	100	270	22	9.5	3.5	21	4,200	1,000	170	0.18	4,400	1.7	29	9	1,200,000	440	1,900
25	25	6	75	94	60	97	92	100	180	22	9.5	3.5	21	1,700	170	170	0.62	4,400	1.7	160	67	1,200,000	3,100	460

CHG-L3

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Dieldrin	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Lead	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)	Zinc
						LWG Results																		
5																								
10	6	12	94	88	39	99	89	100	280	34.0	9.60	3.6	37	340	1800	1330	0.63	4500	1.8	415	672	1270000	1650	1940
15	12	9	88	91	45	99	91	100	280	34.0	9.60	3.6	37	349	1800	1330	0.63	4500	1.8	415	672	1270000	3500	1940
20	24	7	76	93	48	98	92	100	280	34.0	9.60	3.6	37	390	1800	1330	0.63	4500	1.8	415	672	1270000	3500	1940
25																								
						DEQ FPM7 Results																		
5	0	31	100	69	21	100	71	100	130	5.1	9.5	3.5	21	390	1,800	1,200	0.62	4,400	1.7	160	67	1,200,000	3,300	460
10	0	31	100	69	21	100	71	100	130	5	9.5	3.5	21	390	1,800	1,200	0.62	4,400	1.7	160	67	1,200,000	3,300	460
15	12	21	88	79	25	99	79	100	130	34	9.5	3.5	21	500	1,800	1,200	0.62	4,400	1.7	160	9	1,200,000	3,300	460
20	18	10	82	90	41	98	90	100	270	34	9.5	3.5	21	500	1,800	1,200	0.62	4,400	1.7	160	9	1,200,000	3,300	460
25	24	10	76	90	39	98	89	100	270	34	9.5	3.5	21	4,200	1,800	1,200	0.62	4,400	1.7	38	9	1,200,000	3,300	460

CHM-L1

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	6	44	94	56	36	97	64	132	10	1.5	290.00	90.0	1	2700	2	415	670.00	17	1500000.0	200
10	11	40	89	60	38	95	66	132	10	1.5	290.00	90.0	1	2700	2	415	670.00	35	1500000.0	200
15	15	32	85	68	42	94	72	132	10	1.5	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	200
20	19	30	81	70	42	93	73	145	10	1.5	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	220
25	26	29	74	71	41	91	72	145	10	1.5	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	300
				DEQ FPM7 Results																
5	4	75	96	25	25	96	40	94	2	0.3	200.0	23.0	0.1	670	0	8	2.00	17	3600.0	120
10	9	66	91	34	27	94	46	110	3	0.4	350.0	49.0	0.1	1,000	0	14	2.80	40	8000.0	200
15	11	63	89	37	27	93	48	120	4	0.4	360.0	52.0	0.1	1,100	0	16	3.00	50	9000.0	220
20	17	62	83	38	26	89	47	120	4	0.4	390.0	53.0	0.1	1,100	0	17	3.50	58	10000.0	230
25	23	51	77	49	29	89	55	140	4	0.5	490.0	66.0	0.2	1,300	0	20	4.60	75	14000.0	290

CHM-L2

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	6	33	94	67	33	99	71	130	10	3.6	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	240
10	12	26	88	74	37	97	76	140	10	3.6	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	1400
15	15	22	85	78	40	97	79	170	10	3.6	290.00	90.0	1	2700	2	415	670.00	1000	1500000.0	1400
20	21	21	79	79	39	96	79	170	10	3.6	340.00	90.0	1	2700	2	415	670.00	1000	1500000.0	1400
25	26	20	74	80	39	95	79	170	10	3.6	390.00	90.0	1	2700	2	415	670.00	1000	1500000.0	1400
				DEQ FPM7 Results																
5	3	42	97	58	28	99	64	130	10	3.5	330.0	450.0	0.7	2,600	2	110	67.00	230	8100.0	220
10	9	34	91	66	31	98	70	130	10	3.5	390.0	450.0	0.7	2,600	2	110	67.00	230	41000.0	220
15	12	34	88	66	31	97	70	130	10	3.5	390.0	450.0	0.7	2,600	2	110	67.00	230	41000.0	240
20	18	28	82	72	34	96	74	130	10	3.5	500.0	450.0	0.7	2,600	2	110	67.00	230	41000.0	750
25	24	21	76	79	38	95	79	170	10	3.5	1700.0	450.0	0.7	2,600	2	38	11.00	230	41000.0	1,400

CHM-L3

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	4	35	96	65	25	99	68	130	21	3.6	340.00	90.0	1	4500	2	415	670.00	1000	1500000.0	220
10	12	33	88	67	24	98	70	145	21	3.6	340.00	90.0	1	4500	2	415	670.00	1000	1500000.0	245
15	16	26	84	74	28	97	75	145	21	3.6	340.00	90.0	1	4500	2	415	670.00	1000	1500000.0	1450
20	20	18	80	82	35	97	82	335	21	3.6	340.00	90.0	1	4500	2	415	670.00	1000	1500000.0	1450
25	24	15	76	85	37	97	84	335	21	3.6	390.00	90.0	1	4500	2	415	670.00	1000	1500000.0	1450
				DEQ FPM7 Results																
5	4	44	96	56	21	99	61	130	20	3.5	390.0	450.0	0.7	3,600	2	330	67.00	230	8100.0	220
10	8	35	92	65	24	99	68	130	20	3.5	390.0	450.0	0.7	3,600	2	330	67.00	230	1200000.0	220
15	12	35	88	65	23	98	68	130	20	3.5	390.0	450.0	0.7	3,600	2	330	67.00	230	1200000.0	240
20	20	25	80	75	28	97	76	130	20	3.5	1700.0	450.0	0.7	3,600	2	38	67.00	230	1200000.0	1,400
25	24	17	76	83	35	97	82	330	20	3.5	1700.0	450.0	0.7	3,600	2	38	67.00	230	44000.0	1,400

CHP-L1

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																	
5	5	41	95	59	45	97	68	78	165	8.9	0.50	290.0	65	1	2700	2	115.00	670	220.0	22000	220
10	11	39	89	61	44	94	68	80	165	8.9	1.50	290.0	65	1	2700	2	115.00	670	220.0	22000	220
15	16	39	84	61	43	92	67	82	165	8.9	1.50	290.0	65	1	2700	2	115.00	670	220.0	22000	270
20	20	35	80	65	45	91	69	88	165	8.9	1.50	290.0	65	1	2700	2	115.00	670	220.0	22000	300
25	25	30	75	70	46	89	71	88	170	8.9	1.50	340.0	65	1	2700	2	115.00	670	220.0	23000	800
				DEQ FPM7 Results																	
5	4	69	96	31	33	96	48	71	110	2.5	0.4	310.0	46.0	0	910	0	13.00	3	36.0	7,600	180
10	9	62	91	38	34	92	52	76	120	3.6	0.4	390.0	53.0	0	1,100	0	17.00	4	58.0	10,000	230
15	14	55	86	45	35	90	56	77	130	4.0	0.5	460.0	61.0	0	1,200	0	19.00	4	66.0	12,000	270
20	16	53	84	47	36	89	57	77	140	4.3	0.5	490.0	66.0	0	1,300	0	20.00	5	75.0	14,000	290
25	25	49	75	51	35	85	57	81	150	4.6	0.6	550.0	69.0	0	1,500	0	29.00	6	120.0	23,000	340

CHP-L2

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																	
5	5	34	95	66	38	98	71	100	133	9.6	3.60	290.0	90	1	2700	2	115.00	670	220.0	1500000	240
10	10	26	90	74	43	97	77	100	145	9.6	3.60	290.0	90	1	2700	2	115.00	670	220.0	1500000	1400
15	14	23	86	77	46	96	79	100	170	9.6	3.60	320.0	90	1	2700	2	115.00	670	220.0	1500000	1400
20	19	18	81	82	49	95	82	100	170	9.6	3.60	340.0	90	1	2700	2	115.00	670	1000.0	1500000	1400
25	24	17	76	83	50	94	82	100	170	9.6	3.60	390.0	90	1	2700	2	115.00	670	1000.0	1500000	1400
				DEQ FPM7 Results																	
5	5	40	95	60	34	98	66	100	130	9.5	3.5	390.0	380.0	1	2,600	2	110.00	67	210.0	8,100	220
10	10	32	90	68	38	97	72	100	130	9.5	3.5	390.0	380.0	1	2,600	2	110.00	67	210.0	41,000	240
15	14	26	86	74	42	96	76	100	130	9.5	3.5	500.0	380.0	1	2,600	2	110.00	67	210.0	41,000	750
20	19	21	81	79	45	95	79	100	170	9.5	3.5	1700.0	380.0	1	2,600	1	38.00	11	210.0	41,000	1,400
25	24	18	76	82	48	94	81	100	170	9.5	3.5	1700.0	380.0	0	2,600	2	110.00	11	230.0	44,000	1,400

CHP-L3

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																	
5	6	25	94	75	37	99	77	100	280	9.6	3.60	290.0	90	1	2700	2	415.00	670	1000.0	50000	240
10	9	19	91	81	43	98	82	100	280	9.6	3.60	290.0	90	1	2700	2	415.00	670	1000.0	50000	1400
15	16	15	84	85	47	97	85	100	280	9.6	3.60	340.0	90	1	2700	2	415.00	670	1000.0	1500000	1400
20	22	13	78	87	48	96	85	100	280	9.6	3.60	390.0	90	1	2700	2	415.00	670	1000.0	1500000	1400
25	25	11	75	89	51	96	87	100	280	9.6	3.60	530.0	90	1	2700	2	415.00	670	1000.0	1500000	1400
				DEQ FPM7 Results																	
5	3	42	97	58	27	99	64	100	130	9.5	3.5	390.0	450.0	1	2,600	2	110.00	67	230.0	8,100	220
10	9	32	91	68	31	98	71	100	130	9.5	3.5	390.0	450.0	1	2,600	2	110.00	67	230.0	1,200,000	240
15	9	32	91	68	31	98	71	100	130	9.5	3.5	390.0	450.0	1	2,600	2	110.00	67	230.0	1,200,000	240
20	19	17	81	83	43	97	83	100	270	9.5	3.5	500.0	450.0	1	2,600	2	110.00	67	230.0	44,000	750
25	25	14	75	86	46	96	85	100	270	9.5	3.5	1700.0	450.0	1	2,600	2	110.00	11	230.0	44,000	1,400

HYG-L1														
Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	Copper	Methoxychlor	Nickel	Zinc
	LWG Results													
5	5	68	95	32	73	77	73	35	65	3.7	60	6.8	25	140
10	10	64	90	36	73	65	72	40	86	4.0	60	6.8	25	142
15	14	60	86	40	73	59	70	50	86	4.0	60	6.8	29	142
20	20	53	80	47	74	55	69	59	86	7.5	60	6.8	29	142
25	25	36	75	64	80	57	71	59	100	7.5	60	6.8	64	750
	DEQ FPM7 Results													
5	4	75	96	25	71	75	72	40	64	3.4	33	1.0	22	100
10	9	72	91	28	71	61	69	48	75	3.7	38	1.9	23	110
15	14	69	86	31	70	52	67	55	82	3.9	41	2.1	24	120
20	18	64	82	36	71	51	66	59	88	4.0	44	3.1	25	120
25	24	50	76	50	74	51	67	67	100	4.4	49	4.6	26	140

HYG-L2														
Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	Copper	Methoxychlor	Nickel	Zinc
	LWG Results													
5	5	66	95	34	52	90	60	47	103	3.8	400	10	24	142
10	11	59	89	41	53	83	62	52	103	4.0	400	10	29	142
15	15	58	85	42	52	79	60	55	103	4.2	400	10	29	142
20	20	51	80	49	54	76	62	59	103	8.5	400	10	29	142
25	26	40	74	60	58	76	66	63	110	8.5	400	10	29	195
	DEQ FPM7 Results													
5	4	69	96	31	51	91	59	50	75	3.8	400	9.9	23	140
10	9	72	91	28	49	80	55	54	83	3.8	400	9.9	24	120
15	13	60	87	40	52	80	60	67	88	4.0	56	9.9	25	140
20	19	49	81	51	55	78	64	67	100	4.5	56	9.9	27	700
25	24	47	76	53	55	74	63	69	110	7.7	56	9.9	28	170

HYG-L3														
Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	Copper	Methoxychlor	Nickel	Zinc
	LWG Results													
5	4	75	96	25	24	96	39	62	76	4.0	1100	20	29	113
10	11	69	89	31	25	92	43	62	77	4.2	1100	20	29	142
15	15	66	85	34	25	90	45	62	83	5.0	1100	20	29	142
20	20	54	80	46	27	90	53	62	103	17.5	1100	20	29	142
25	26	38	74	62	33	90	65	62	120	17.5	1100	20	29	750
	DEQ FPM7 Results													
5	4	73	96	27	25	96	41	100	75	3.8	1,000	19	24	140
10	9	70	91	30	25	93	42	100	83	4.0	48	19	24	140
15	13	64	87	36	25	92	46	100	92	4.0	44	19	29	140
20	17	57	83	43	27	91	51	67	110	4.5	1,000	19	26	140
25	24	42	76	58	32	91	62	67	110	16	140	19	27	730

HYM-L1

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	7	64	93	36	18	97	43	76	9.6	2.6	300	90	0.73	4500	0.2	60	670	12900	1500000	4400
10	13	47	87	54	22	96	58	130	9.6	2.6	300	90	0.73	4500	0.2	60	670	12900	1500000	4400
15	17	32	83	69	28	96	70	130	9.6	2.6	300	90	0.73	4500	0.3	60	670	12900	1500000	4400
20	20	23	80	78	35	96	78	335	9.6	2.6	300	90	0.73	4500	0.3	60	670	12900	1500000	4400
25	27	14	73	87	45	96	85	335	9.6	2.6	300	90	0.73	4500	2.0	60	670	12900	1500000	4400
				DEQ FPM7 Results																
5	3	90	97	11	14	95	22	75	0.88	0.24	120	10	0.068	450	0.17	4.2	1.0	8.3	1,300	51
10	10	81	90	19	14	93	28	92	1.6	0.28	180	21	0.085	640	0.20	7.9	1.7	14	3,200	110
15	13	72	87	29	15	93	36	110	2.5	0.36	310	46	0.12	910	0.24	13	2.6	36	7,600	180
20	20	65	80	35	16	92	41	120	3.6	0.41	390	53	0.13	1,100	0.28	17	3.5	58	10,000	230
25	23	59	77	42	16	92	46	130	3.8	0.42	430	59	0.14	1,200	0.31	17	3.9	65	12,000	270

HYM-L2

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	5	10	95	90	48	99	91	335	9.6	2.6	390	80	0.73	10000	1.8	415	670	12900	1800000	4400
10	10	8	90	92	53	99	92	335	9.6	2.6	540	90	0.73	10000	1.8	415	670	12900	1800000	4400
15	15	6	85	94	57	99	93	335	9.6	2.6	1000	90	0.73	10000	1.8	415	670	12900	1800000	4400
20	20	6	80	94	57	98	93	335	9.6	2.6	1000	110	0.73	10000	1.8	415	670	12900	1800000	4400
25	25	5	75	95	58	98	93	335	9.6	2.6	1300	110	0.73	10000	1.8	415	670	12900	1800000	4400
				DEQ FPM7 Results																
5	5	22	95	78	29	99	79	330	9.5	3.5	390	450	0.72	10,000	1.7	17	67	230	1,700,000	3,300
10	10	15	90	85	37	99	86	330	9.5	3.5	540	450	0.72	10,000	1.7	330	67	230	1,700,000	1,200
15	15	14	85	86	36	98	86	330	9.5	3.5	4,700	450	0.72	10,000	1.7	330	67	230	82,000	1,200
20	20	6	80	94	57	98	93	330	9.5	1.6	1,700	450	0.72	10,000	1.7	330	22	4,500	320,000	3,300
25	25	5	75	95	58	98	93	330	9.5	1.6	4,700	450	0.72	10,000	1.7	330	22	4,500	320,000	3,300

HYM-L3

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	Ammonia	beta-Hexachlorocyclohexane	Cadmium	Diesel Range Hydrocarbons	Di-n-butyl phthalate	Mercury	Residual Range Organics	Silver	Sulfide	Total Chlordane (calc'd)	Total DDTs (calc'd)	Total PAHs (calc'd)	Total PCBs Aroclors (calc'd)
				LWG Results																
5	6	10	94	90	45	99	91	335	9.6	2.6	390	90	0.73	10000	1.8	415	670	13000	1800000	4400
10	11	7	89	93	53	99	93	335	9.6	2.6	1000	90	0.73	10000	1.8	415	670	13000	1800000	4400
15	17	6	83	94	54	99	93	335	9.6	2.6	1000	110	0.73	10000	1.8	415	670	13000	1800000	4400
20	22	6	78	94	54	98	93	335	9.6	2.6	1300	110	0.73	10000	1.8	415	670	13000	1800000	4400
25																				
				DEQ FPM7 Results																
5	0	25	100	75	25	100	77	330	9.5	3.5	330	450	0.72	10,000	1.7	17	67	230	1,700,000	3,300
10	6	23	94	77	26	99	79	330	9.5	3.5	390	450	0.72	10,000	1.7	17	67	230	1,700,000	3,300
15	11	14	89	86	34	99	86	330	9.5	3.5	4,700	450	0.72	10,000	1.7	330	67	230	82,000	1,200
20	17	6	83	94	54	99	93	330	9.5	1.6	1,700	450	0.72	10,000	1.7	330	22	4,500	320,000	3,300
25	22	6	78	94	54	98	93	330	9.5	1.6	4,700	450	0.72	10,000	1.7	330	22	4,500	320,000	3,300

HYP-L1

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Copper	Mercury	Methoxychlor	Nickel	Silver	Zinc
	LWG Results																	
5	5	59	95	41	81	75	80	42	86	3.7	1.70	1.5	350	0.09	6.8	65	1.8	140
10	10	49	90	51	83	65	79	44	86	4.4	1.70	1.5	350	0.13	6.8	65	1.8	740
15	15	37	85	63	86	61	79	51	103	7.5	1.70	1.5	350	0.13	6.8	65	1.8	740
20	20	34	80	66	86	56	76	57	103	7.5	2.00	1.5	350	0.14	6.8	65	1.8	740
25	25	27	75	73	88	52	74	59	103	7.5	5.00	1.5	350	0.15	6.8	65	1.8	740
	DEQ FPM7 Results																	
5	4	78	96	22	77	65	76	46	73	3.6	0.87	0.24	37	0.066	1.4	23	0.16	110
10	9	71	91	29	77	53	74	56	83	3.9	1.3	0.25	42	0.078	2.4	24	0.19	120
15	15	56	85	44	80	53	74	63	98	4.3	2.0	0.30	48	0.091	4.4	26	0.22	140
20	20	53	80	47	80	47	71	70	110	4.7	2.5	0.35	54	0.11	5.1	27	0.24	160
25	25	49	75	51	80	43	69	74	120	5.0	3.6	0.39	67	0.13	5.8	28	0.27	180

HYP-L2

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Copper	Mercury	Methoxychlor	Nickel	Silver	Zinc
	LWG Results																	
5	6	61	94	39	61	87	67	47	105	4.0	2.50	1.50	400	0.09	10	105	0.5	740
10	11	57	89	43	61	79	66	55	105	4.2	2.50	1.50	400	0.09	10	105	0.5	740
15	15	53	85	47	61	76	66	59	105	4.4	2.50	1.50	400	0.13	10	105	0.5	740
20	19	45	81	55	64	74	68	59	105	7.5	2.50	1.50	400	0.14	10	105	1.8	740
25	25	30	75	70	71	74	73	62	120	7.5	2.50	1.50	400	0.22	10	105	1.8	740
	DEQ FPM7 Results																	
5	3	69	97	31	58	90	64	50	100	3.8	2.4	1.4	400	0.090	9.9	23	1.6	140
10	9	56	91	44	61	82	67	74	100	5.1	2.4	0.28	56	0.090	9.9	25	1.6	700
15	15	53	85	47	61	76	66	67	250	5.1	2.4	0.33	52	0.12	9.9	27	0.55	700
20	20	50	80	50	61	72	65	73	120	5.1	6.4	0.50	73	0.12	5.5	28	0.55	190
25	25	45	75	55	62	69	65	76	120	5.1	6.4	0.50	73	0.17	9.9	29	0.40	190

HYP-L3

Nominal Percentiles	%False Negatives	%False Positives	Sensitivity	Efficiency	PredHit Sensitivity	PredNoHit Efficiency	Reliability	% Fines	Ammonia	Arsenic	beta-Hexachlorocyclohexane	Cadmium	Copper	Mercury	Methoxychlor	Nickel	Silver	Zinc
	LWG Results																	
5	5	69	95	31	34	95	49	62	92	4.0	2.50	0.27	400	0.10	20	105	1.8	740
10	11	64	89	36	35	90	51	62	100	4.2	2.50	0.50	400	0.10	20	105	1.8	740
15	16	59	84	41	35	87	53	62	105	5.2	2.50	0.50	400	0.11	20	105	1.8	740
20	19	44	81	56	41	89	63	62	105	17.5	2.50	1.50	400	0.15	20	105	1.8	740
25	23	38	77	62	43	88	66	63	160	17.5	2.50	1.50	580	0.15	20	105	1.8	740
	DEQ FPM7 Results																	
5	5	62	95	38	37	96	54	60	92	4.0	2.4	0.28	490	0.72	19	100	1.6	700
10	9	59	91	41	37	92	55	74	330	5.1	2.4	0.33	120	0.10	19	27	0.55	140
15	14	50	86	50	40	90	60	74	330	5.1	2.4	0.50	120	0.17	19	27	0.32	700
20	19	47	81	53	40	88	61	74	140	5.1	9.5	0.50	120	0.17	19	100	0.27	700
25	25	43	75	57	40	86	62	80	140	16	9.5	0.50	100	0.17	19	29	0.40	700