PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: JHG03A Jul 03, 2014 17:54

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	60.03	100.1
ARSENIC	1.0	0.82	82.0
BERYLLIUM	0.2	0.20	100.0
CALCIUM	20.0	19.14	95.7
IRON	20.0	15.98	79.9
MAGNESIUM	20.0	20.28	101.4
MOLYBDENUM	1.0	0.99	99.0
POTASSIUM	200.0	197.10	98.5
SODIUM	200.0	211.00	105.5

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: JHG05A Jul 05, 2014 14:42

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	61.19	102.0
BERYLLIUM	0.2	0.20	100.0
CALCIUM	20.0	19.74	98.7
IRON	20.0	18.66	93.3
MAGNESIUM	20.0	20.45	102.3
MOLYBDENUM	1.0	0.99	99.0
POTASSIUM	200.0	200.40	100.2
SODIUM	200.0	208.60	104.3

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: HHF27B Jun 27, 2014 14:57

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF27B Jun 27, 2014 15:06

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF27B Jun 27, 2014 15:29

Analyte	Result	C
MERCURY	0.045	J

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: HHF27B Jun 27, 2014 15:55

Analyte	Result	C
MERCURY	0.043	J

SAMPLE: CCB

File: HHF27B Jun 27, 2014 16:20

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF27B Jun 27, 2014 16:46

Analyte	Result	C
MERCURY	0.037	J

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: HHF27B Jun 27, 2014 17:12

Analyte	Result	C
MERCURY	0.041	J

SAMPLE: CCB

File: HHF27B Jun 27, 2014 17:36

Analyte	Result	C
MERCURY	0.035	J

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: HHF30A Jun 30, 2014 11:40

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF30A Jun 30, 2014 11:46

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF30A Jun 30, 2014 12:09

Analyte	Result	C
MERCURY	0.033	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: HHF30A Jun 30, 2014 12:35

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF30A Jun 30, 2014 13:14

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF30A Jun 30, 2014 13:39

Analyte	Result	C
MERCURY	0.033	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: HHF30A Jun 30, 2014 14:08

Analyte	Result	C
MERCURY	0.033	U

SAMPLE: CCB

File: HHF30A Jun 30, 2014 14:36

Analyte	Result	C
MERCURY	0.033	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: HHG04A Jul 04, 2014 12:57

Analyte	Result	C
MERCURY	0.050	J

SAMPLE: CCB

File: HHG04A Jul 04, 2014 13:03

Analyte	Result	C
MERCURY	0.048	J

SAMPLE: CCB

File: HHG04A Jul 04, 2014 13:26

Analyte	Result	C
MERCURY	0.040	J

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: HHG04A Jul 04, 2014 13:52

Analyte	Result	C
MERCURY	0.045	J

SAMPLE: CCB

File: HHG04A Jul 04, 2014 14:17

Analyte	Result	C
MERCURY	0.051	J

SAMPLE: CCB

File: HHG04A Jul 04, 2014 14:43

Analyte	Result	C
MERCURY	0.057	J

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: IHF23B Jun 23, 2014 18:40

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHF23B Jun 23, 2014 19:17

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	17.890	J
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHF23B Jun 23, 2014 20:12

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: IHF23B Jun 23, 2014 21:08

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	14.810	J
IRON	4.161	J
MAGNESIUM	7.700	U
MANGANESE	-1.103	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHF23B Jun 23, 2014 22:03

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	9.029	J
IRON	7.224	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: IHF26A Jun 26, 2014 13:30

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	-0.321	U
CALCIUM	8.700	U
IRON	11.560	J
MAGNESIUM	7.700	U
MANGANESE	0.695	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHF26A Jun 26, 2014 14:06

Analyte	Result	C
ALUMINUM	28.920	J
BARIUM	0.310	U
CALCIUM	23.120	J
IRON	23.940	J
MAGNESIUM	18.190	J
MANGANESE	1.607	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHF26A Jun 26, 2014 14:53

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	9.255	J
MAGNESIUM	7.700	U
MANGANESE	0.618	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB
File: IHF26A Jun 26, 2014 15:02

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	-0.405	U
CALCIUM	8.700	U
IRON	10.160	J
MAGNESIUM	7.700	U
MANGANESE	0.978	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB
File: IHF26A Jun 26, 2014 15:57

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	10.010	J
MAGNESIUM	7.700	U
MANGANESE	0.726	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB
File: IHF26A Jun 26, 2014 16:53

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	-0.335	U
CALCIUM	8.700	U
IRON	13.340	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB
File: IHF26A Jun 26, 2014 17:48

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	12.640	J
MAGNESIUM	7.700	U
MANGANESE	1.203	J
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB
File: IHF26A Jun 26, 2014 18:43

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	7.841	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB
File: IHF26A Jun 26, 2014 19:39

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	28.630	J
IRON	11.760	J
MAGNESIUM	7.700	U
MANGANESE	2.037	J
POTASSIUM	66.790	J
SODIUM	33.000	U
ZINC	0.687	J

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: IHF26A Jun 26, 2014 20:34

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	8.272	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: IHG02A Jul 02, 2014 10:02

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	10.060	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02A Jul 02, 2014 10:39

Analyte	Result	C
ALUMINUM	22.080	J
BARIUM	0.310	U
CALCIUM	31.200	J
IRON	21.130	J
MAGNESIUM	47.270	J
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02A Jul 02, 2014 11:35

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	7.734	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: IHG02A Jul 02, 2014 12:30

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	7.563	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02A Jul 02, 2014 13:25

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	6.193	J
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: IHG02C Jul 02, 2014 23:55

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02C Jul 03, 2014 0:33

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	9.382	J
IRON	4.000	U
MAGNESIUM	7.700	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02C Jul 03, 2014 1:28

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	-16.890	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: IHG02C Jul 03, 2014 2:23

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	4.000	U
MAGNESIUM	-19.380	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

SAMPLE: CCB

File: IHG02C Jul 03, 2014 3:18

Analyte	Result	C
ALUMINUM	17.000	U
BARIUM	0.310	U
CALCIUM	8.700	U
IRON	-4.166	U
MAGNESIUM	-14.940	U
MANGANESE	0.560	U
POTASSIUM	64.000	U
SODIUM	33.000	U
ZINC	0.450	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: JHG01A Jul 01, 2014 13:51

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.022	J
ARSENIC	0.410	U
BERYLLIUM	0.003	J
CADMIUM	0.004	U
CALCIUM	-4.297	U
CHROMIUM	-0.050	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.010	J
VANADIUM	0.150	U

SAMPLE: CCB

File: JHG01A Jul 01, 2014 14:11

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.012	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	-0.054	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.860	J
MOLYBDENUM	0.228	J
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.009	J
VANADIUM	0.150	U

SAMPLE: CCB

File: JHG01A Jul 01, 2014 14:50

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.019	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	-0.054	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.006	J
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB
File: JHG01A Jul 01, 2014 15:30

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.016	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	-0.061	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	J
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.005	J
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG01A Jul 01, 2014 16:12

Analyte	Result	C
ALUMINUM	5.337	J
ANTIMONY	0.014	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	-0.082	U
COBALT	0.006	U
COPPER	0.042	J
IRON	6.448	J
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	13.940	J
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.004	J
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG01A Jul 01, 2014 16:54

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.021	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.005	J
CALCIUM	4.100	U
CHROMIUM	-0.036	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.007	J
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB
File: JHG01A Jul 01, 2014 17:36

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.027	J
ARSENIC	0.410	U
BERYLLIUM	0.003	J
CADMIUM	0.008	J
CALCIUM	4.100	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.006	J
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG01A Jul 01, 2014 18:17

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.015	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.009	J
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG01A Jul 01, 2014 18:59

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.023	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.006	J
CALCIUM	4.100	U
CHROMIUM	-0.035	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.005	J
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: JHG02A Jul 02, 2014 15:36

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.018	J
ARSENIC	0.410	U
BERYLLIUM	0.004	J
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	4.700	U
LEAD	0.015	J
MAGNESIUM	0.695	J
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.010	J
VANADIUM	0.150	U

SAMPLE: CCB

File: JHG02A Jul 02, 2014 15:56

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.011	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	4.100	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-7.005	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.248	J
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.006	J
VANADIUM	0.150	U

SAMPLE: CCB

File: JHG02A Jul 02, 2014 16:35

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.008	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	-8.581	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-8.288	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.003	J
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB
File: JHG02A Jul 02, 2014 17:15

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.016	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.006	J
CALCIUM	-9.142	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-8.990	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.003	U
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG02A Jul 02, 2014 17:55

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.011	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	-8.095	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-7.236	U
LEAD	0.010	J
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.004	J
VANADIUM	0.150	U

SAMPLE: CCB
File: JHG02A Jul 02, 2014 18:36

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.006	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.004	U
CALCIUM	-7.229	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-8.686	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.003	U
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: JHG02A Jul 02, 2014 19:11

Analyte	Result	C
ALUMINUM	0.340	U
ANTIMONY	0.016	J
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CADMIUM	0.005	J
CALCIUM	-10.720	U
CHROMIUM	0.030	U
COBALT	0.006	U
COPPER	0.029	U
IRON	-9.835	U
LEAD	0.009	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
NICKEL	0.019	U
POTASSIUM	8.200	U
SELENIUM	0.640	U
SILVER	0.004	U
SODIUM	3.900	U
THALLIUM	0.007	J
VANADIUM	0.150	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: JHG03A Jul 03, 2014 17:51

Analyte	Result	C
ALUMINUM	0.340	U
ARSENIC	0.410	U
BERYLLIUM	0.005	J
CALCIUM	4.100	U
IRON	4.700	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

SAMPLE: CCB

File: JHG03A Jul 03, 2014 18:11

Analyte	Result	C
ALUMINUM	2.551	J
ARSENIC	0.410	U
BERYLLIUM	0.004	J
CALCIUM	4.100	U
IRON	4.700	U
MAGNESIUM	3.153	J
MOLYBDENUM	0.283	J
POTASSIUM	8.200	U
SODIUM	4.730	J

SAMPLE: CCB

File: JHG03A Jul 03, 2014 18:50

Analyte	Result	C
ALUMINUM	0.340	U
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	-6.626	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: JHG03A Jul 03, 2014 19:30

Analyte	Result	C
ALUMINUM	0.340	U
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	4.700	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

SAMPLE: CCB

File: JHG03A Jul 03, 2014 20:10

Analyte	Result	C
ALUMINUM	0.340	U
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	4.700	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

SAMPLE: CCB

File: JHG03A Jul 03, 2014 20:52

Analyte	Result	C
ALUMINUM	0.340	U
ARSENIC	0.410	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	6.268	J
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	14.570	J
SODIUM	3.900	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICB

File: JHG05A Jul 05, 2014 14:39

Analyte	Result	C
ALUMINUM	0.340	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	4.700	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

SAMPLE: CCB

File: JHG05A Jul 05, 2014 14:59

Analyte	Result	C
ALUMINUM	2.079	J
BERYLLIUM	0.003	J
CALCIUM	4.100	U
IRON	-8.200	U
MAGNESIUM	2.618	J
MOLYBDENUM	0.282	J
POTASSIUM	8.200	U
SODIUM	3.900	U

SAMPLE: CCB

File: JHG05A Jul 05, 2014 15:38

Analyte	Result	C
ALUMINUM	0.340	U
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	-8.131	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: CCB

File: JHG05A Jul 05, 2014 16:18

Analyte	Result	C
ALUMINUM	0.487	J
BERYLLIUM	0.003	U
CALCIUM	4.100	U
IRON	-7.801	U
MAGNESIUM	0.690	U
MOLYBDENUM	0.120	U
POTASSIUM	8.200	U
SODIUM	3.900	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF20ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF20ICW2

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	43	J
BARIUM	0.40	J
CALCIUM	53	J
IRON	80	U
MAGNESIUM	16	J
MANGANESE	4.0	U
POTASSIUM	500	U
SODIUM	500	U
ZINC	10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF20IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF20IMW2

Concentration Units : ug/L

Analyte	RESULT	C
ANTIMONY	0.50	U
ARSENIC	4.0	U
BERYLLIUM	0.20	U
CADMIUM	0.088	J
CHROMIUM	0.74	J
COBALT	0.30	U
COPPER	0.32	J
LEAD	0.50	U
NICKEL	1.2	U
SELENIUM	3.0	U
SILVER	0.40	U
THALLIUM	0.40	U
VANADIUM	4.0	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF23ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF23ICW2

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	24	J
BARIUM	0.71	J
CALCIUM	80	U
IRON	6.8	J
MAGNESIUM	80	U
MANGANESE	1.8	J
POTASSIUM	65	J
SODIUM	26	J
ZINC	10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF23IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF23IMW2

Concentration Units : ug/L

Analyte	RESULT	C
ANTIMONY	0.50	U
ARSENIC	4.0	U
BERYLLIUM	0.20	U
CADMIUM	0.038	J
CHROMIUM	0.94	J
COBALT	0.30	U
COPPER	0.22	J
LEAD	0.086	J
NICKEL	1.2	U
SELENIUM	3.0	U
SILVER	0.40	U
THALLIUM	0.40	U
VANADIUM	0.61	J

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF24ICW1

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	100	U
BARIUM	3.0	U
CALCIUM	11	J
IRON	80	U
MAGNESIUM	18	J
MANGANESE	4.0	U
POTASSIUM	500	U
SODIUM	44	J
ZINC	10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF24ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24ICW2

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	100	U
BARIUM	3.0	U
CALCIUM	80	U
IRON	80	U
MAGNESIUM	80	U
MANGANESE	4.0	U
POTASSIUM	500	U
SODIUM	500	U
ZINC	10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF24IMW1

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24IMW1

Concentration Units : ug/L

Analyte	RESULT	C
ANTIMONY	0.50	U
ARSENIC	4.0	U
BERYLLIUM	0.20	U
CADMIUM	0.20	U
CHROMIUM	0.96	J
COBALT	0.30	U
COPPER	0.37	J
LEAD	0.50	U
NICKEL	1.2	U
SELENIUM	0.84	J
SILVER	0.40	U
THALLIUM	0.40	U
VANADIUM	0.86	J

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF24IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24IMW2

Concentration Units : ug/L

Analyte	RESULT	C
ANTIMONY	0.50	U
ARSENIC	4.0	U
BERYLLIUM	0.20	U
CADMIUM	0.067	J
CHROMIUM	0.74	J
COBALT	0.30	U
COPPER	2.0	U
LEAD	0.50	U
NICKEL	1.2	U
SELENIUM	1.2	J
SILVER	0.40	U
THALLIUM	0.40	U
VANADIUM	0.73	J

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF26HGW3

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF26HGW3

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.034	J

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF29HGW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF29HGW2

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHF29HGW3

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF29HGW3

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.10	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWHG03HGW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HG03HGW2

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.040	J

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: IHF23B Jun 23, 2014 19:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495900	99.2
BARIUM	0	0	
CALCIUM	500000	464200	92.8
IRON	200000	184700	92.3
MAGNESIUM	500000	452500	90.5
MANGANESE	0	-1	
POTASSIUM	0	119	
SODIUM	0	43	
ZINC	0	3	

SAMPLE: ICSAB

File: IHF23B Jun 23, 2014 19:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	487300	97.5
BARIUM	500	511	102.2
CALCIUM	500000	457100	91.4
IRON	200000	181800	90.9
MAGNESIUM	500000	446000	89.2
MANGANESE	500	495	99.0
POTASSIUM	20000	20560	102.8
SODIUM	20000	20090	100.4
ZINC	1000	959	95.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: IHF26A Jun 26, 2014 13:53

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	483900	96.8
BARIUM	0	0	
CALCIUM	500000	452200	90.4
IRON	200000	175600	87.8
MAGNESIUM	500000	463000	92.6
MANGANESE	0	0	
POTASSIUM	0	199	
SODIUM	0	33	
ZINC	0	1	

SAMPLE: ICSAB

File: IHF26A Jun 26, 2014 13:58

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	474700	94.9
BARIUM	500	521	104.2
CALCIUM	500000	442600	88.5
IRON	200000	171600	85.8
MAGNESIUM	500000	456800	91.4
MANGANESE	500	467	93.4
POTASSIUM	20000	19400	97.0
SODIUM	20000	19960	99.8
ZINC	1000	942	94.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: IHG02A Jul 02, 2014 10:25

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	486500	97.3
BARIUM	0	0	
CALCIUM	500000	463600	92.7
IRON	200000	186100	93.0
MAGNESIUM	500000	440100	88.0
MANGANESE	0	0	
POTASSIUM	0	133	
SODIUM	0	117	
ZINC	0	1	

SAMPLE: ICSAB

File: IHG02A Jul 02, 2014 10:30

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	488300	97.7
BARIUM	500	523	104.6
CALCIUM	500000	462800	92.6
IRON	200000	182400	91.2
MAGNESIUM	500000	432700	86.5
MANGANESE	500	515	103.0
POTASSIUM	20000	21770	108.9
SODIUM	20000	20340	101.7
ZINC	1000	946	94.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: IHG02C Jul 03, 2014 00:18

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	484600	96.9
BARIUM	0	0	
CALCIUM	500000	450400	90.1
IRON	200000	177100	88.5
MAGNESIUM	500000	453500	90.7
MANGANESE	0	-1	
POTASSIUM	0	21	
SODIUM	0	33	
ZINC	0	2	

SAMPLE: ICSAB

File: IHG02C Jul 03, 2014 00:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	481700	96.3
BARIUM	500	528	105.6
CALCIUM	500000	456200	91.2
IRON	200000	182800	91.4
MAGNESIUM	500000	444100	88.8
MANGANESE	500	495	99.0
POTASSIUM	20000	20890	104.5
SODIUM	20000	20720	103.6
ZINC	1000	959	95.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: JHG01A Jul 01, 2014 13:57

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94920	94.9
ANTIMONY	0	0	
ARSENIC	0	0	
BERYLLIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	93710	93.7
CHROMIUM	0	2	
COBALT	0	0	
COPPER	0	1	
IRON	100000	89350	89.3
LEAD	0	0	
MAGNESIUM	100000	94480	94.5
MOLYBDENUM	2000	1873	93.7
NICKEL	0	0	
POTASSIUM	100000	95890	95.9
SELENIUM	0	0	
SILVER	0	0	
SODIUM	100000	96270	96.3
THALLIUM	0	0	
VANADIUM	0	0	

SAMPLE: ICSAB

File: JHG01A Jul 01, 2014 14:01

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94140	94.1
ANTIMONY	20	19	95.0
ARSENIC	20	20	100.0
BERYLLIUM	20	19	95.0
CADMIUM	20	19	95.0
CALCIUM	100000	90970	91.0
CHROMIUM	20	21	105.0
COBALT	20	19	95.0
COPPER	20	19	95.0
IRON	100000	88520	88.5
LEAD	20	20	100.0
MAGNESIUM	100000	91550	91.5
MOLYBDENUM	2000	1927	96.4
NICKEL	20	18	90.0
POTASSIUM	100000	94420	94.4
SELENIUM	20	20	100.0
SILVER	20	18	90.0
SODIUM	100000	92980	93.0
THALLIUM	20	20	100.0
VANADIUM	20	19	95.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: JHG02A Jul 02, 2014 15:42

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94360	94.4
ANTIMONY	0	0	
ARSENIC	0	1	
BERYLLIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	94160	94.2
CHROMIUM	0	2	
COBALT	0	0	
COPPER	0	1	
IRON	100000	89550	89.5
LEAD	0	0	
MAGNESIUM	100000	94420	94.4
MOLYBDENUM	2000	1896	94.8
NICKEL	0	0	
POTASSIUM	100000	96590	96.6
SELENIUM	0	0	
SILVER	0	0	
SODIUM	100000	95520	95.5
THALLIUM	0	0	
VANADIUM	0	0	

SAMPLE: ICSAB

File: JHG02A Jul 02, 2014 15:46

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	91290	91.3
ANTIMONY	20	19	95.0
ARSENIC	20	20	100.0
BERYLLIUM	20	19	95.0
CADMIUM	20	19	95.0
CALCIUM	100000	89520	89.5
CHROMIUM	20	20	100.0
COBALT	20	19	95.0
COPPER	20	19	95.0
IRON	100000	88110	88.1
LEAD	20	20	100.0
MAGNESIUM	100000	90580	90.6
MOLYBDENUM	2000	1888	94.4
NICKEL	20	18	90.0
POTASSIUM	100000	92200	92.2
SELENIUM	20	19	95.0
SILVER	20	18	90.0
SODIUM	100000	92460	92.5
THALLIUM	20	20	100.0
VANADIUM	20	20	100.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: JHG03A Jul 03, 2014 17:58

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	92180	92.2
ARSENIC	0	0	
BERYLLIUM	0	0	
CALCIUM	100000	92610	92.6
IRON	100000	88960	89.0
MAGNESIUM	100000	93830	93.8
MOLYBDENUM	2000	1866	93.3
POTASSIUM	100000	94290	94.3
SODIUM	100000	95290	95.3

SAMPLE: ICSAB

File: JHG03A Jul 03, 2014 18:01

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	90000	90.0
ARSENIC	20	19	95.0
BERYLLIUM	20	20	100.0
CALCIUM	100000	89810	89.8
IRON	100000	87300	87.3
MAGNESIUM	100000	91610	91.6
MOLYBDENUM	2000	1858	92.9
POTASSIUM	100000	92080	92.1
SODIUM	100000	93540	93.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Concentration Units: ug/L

SAMPLE: ICSA

File: JHG05A Jul 05, 2014 14:45

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	92610	92.6
BERYLLIUM	0	0	
CALCIUM	100000	92810	92.8
IRON	100000	86370	86.4
MAGNESIUM	100000	93790	93.8
MOLYBDENUM	2000	1842	92.1
POTASSIUM	100000	95760	95.8
SODIUM	100000	95290	95.3

SAMPLE: ICSAB

File: JHG05A Jul 05, 2014 14:49

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	90640	90.6
BERYLLIUM	20	20	100.0
CALCIUM	100000	90660	90.7
IRON	100000	86370	86.4
MAGNESIUM	100000	90320	90.3
MOLYBDENUM	2000	1878	93.9
POTASSIUM	100000	93730	93.7
SODIUM	100000	91650	91.6

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-11-061714S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-007P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2040		43	J	2000	100.0		80	120	P
ANTIMONY, DISSOLVED	103		0.50	U	100	102.7		80	120	MS
ARSENIC, DISSOLVED	102		4.0	U	100	102.1		80	120	MS
BARIUM, DISSOLVED	2040		1.7	J	2000	101.9		80	120	P
BERYLLIUM, DISSOLVED	44.0		0.20	U	50	88.1		80	120	MS
CADMIUM, DISSOLVED	262		0.080	J	250	104.8		80	120	MS
CALCIUM, DISSOLVED	7120		4470		2500	105.8		80	120	P
CHROMIUM, DISSOLVED	199		4.67	J	200	97.3		80	120	MS
COBALT, DISSOLVED	514		0.079	J	500	102.9		80	120	MS
COPPER, DISSOLVED	678		0.70	J	250	270.7	N	80	120	MS
IRON, DISSOLVED	1180		198		1000	98.0		80	120	P
LEAD, DISSOLVED	106		0.094	J	100	105.4		80	120	MS
MAGNESIUM, DISSOLVED	6380		1570		5000	96.2		80	120	P
MANGANESE, DISSOLVED	942		463		500	95.9		80	120	P
NICKEL, DISSOLVED	512		1.4	J	500	102.2		80	120	MS
POTASSIUM, DISSOLVED	11000		528	J	10000	104.2		80	120	P
SELENIUM, DISSOLVED	99.0		0.39	J	100	98.6		80	120	MS
SILVER, DISSOLVED	51.0		0.40	U	50	101.9		80	120	MS
SODIUM, DISSOLVED	12000		4350		7500	102.0		80	120	P
THALLIUM, DISSOLVED	106		0.40	U	100	106.4		80	120	MS
VANADIUM, DISSOLVED	504		1.1	J	500	100.6		80	120	MS
ZINC, DISSOLVED	476		2.5	J	500	94.7		80	120	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-11-061714S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-007S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2030		43	J	2000	99.4		80	120	P
ANTIMONY, DISSOLVED	99.7		0.50	U	100	99.7		80	120	MS
ARSENIC, DISSOLVED	102		4.0	U	100	101.7		80	120	MS
BARIUM, DISSOLVED	2040		1.7	J	2000	102.0		80	120	P
BERYLLIUM, DISSOLVED	45.3		0.20	U	50	90.5		80	120	MS
CADMIUM, DISSOLVED	256		0.080	J	250	102.2		80	120	MS
CALCIUM, DISSOLVED	7070		4470		2500	103.9		80	120	P
CHROMIUM, DISSOLVED	203		4.67	J	200	99.3		80	120	MS
COBALT, DISSOLVED	523		0.079	J	500	104.6		80	120	MS
COPPER, DISSOLVED	254		0.70	J	250	101.2		80	120	MS
IRON, DISSOLVED	1170		198		1000	97.5		80	120	P
LEAD, DISSOLVED	102		0.094	J	100	102.2		80	120	MS
MAGNESIUM, DISSOLVED	6240		1570		5000	93.3		80	120	P
MANGANESE, DISSOLVED	942		463		500	95.8		80	120	P
NICKEL, DISSOLVED	520		1.4	J	500	103.8		80	120	MS
POTASSIUM, DISSOLVED	10500		528	J	10000	99.8		80	120	P
SELENIUM, DISSOLVED	97.8		0.39	J	100	97.5		80	120	MS
SILVER, DISSOLVED	52.0		0.40	U	50	104.0		80	120	MS
SODIUM, DISSOLVED	11800		4350		7500	98.9		80	120	P
THALLIUM, DISSOLVED	95.5		0.40	U	100	95.5		80	120	MS
VANADIUM, DISSOLVED	516		1.1	J	500	103.0		80	120	MS
ZINC, DISSOLVED	477		2.5	J	500	94.9		80	120	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-206-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-019P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2020		35	J	2000	99.5		80	120	P
ANTIMONY, DISSOLVED	101		0.14	J	100	100.8		80	120	MS
ARSENIC, DISSOLVED	104		2.6	J	100	101.1		80	120	MS
BARIUM, DISSOLVED	2020		6.20		2000	100.5		80	120	P
BERYLLIUM, DISSOLVED	48.1		0.20	U	50	96.2		80	120	MS
CADMIUM, DISSOLVED	254		0.090	J	250	101.6		80	120	MS
CALCIUM, DISSOLVED	39100		38600		2500	20.8	N	80	120	P
CHROMIUM, DISSOLVED	201		1.1	J	200	100.1		80	120	MS
COBALT, DISSOLVED	517		0.989	J	500	103.2		80	120	MS
COPPER, DISSOLVED	250		0.78	J	250	99.8		80	120	MS
IRON, DISSOLVED	952		80	U	1000	95.2		80	120	P
LEAD, DISSOLVED	101		0.082	J	100	100.8		80	120	MS
MAGNESIUM, DISSOLVED	12600		8300		5000	86.8		80	120	P
MANGANESE, DISSOLVED	675		210		500	93.0		80	120	P
NICKEL, DISSOLVED	512		0.98	J	500	102.3		80	120	MS
POTASSIUM, DISSOLVED	11000		1490		10000	94.8		80	120	P
SELENIUM, DISSOLVED	100		3.0	U	100	100.6		80	120	MS
SILVER, DISSOLVED	51.0		0.40	U	50	101.9		80	120	MS
SODIUM, DISSOLVED	14100		7390		7500	89.6		80	120	P
THALLIUM, DISSOLVED	96.4		0.38	J	100	96.1		80	120	MS
VANADIUM, DISSOLVED	510		4.0	U	500	102.0		80	120	MS
ZINC, DISSOLVED	495		1.0	J	500	98.7		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-206-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-019S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	1990		35	J	2000	97.5		80	120	P
ANTIMONY, DISSOLVED	101		0.14	J	100	100.9		80	120	MS
ARSENIC, DISSOLVED	105		2.6	J	100	102.3		80	120	MS
BARIUM, DISSOLVED	1990		6.20		2000	99.3		80	120	P
BERYLLIUM, DISSOLVED	47.1		0.20	U	50	94.2		80	120	MS
CADMIUM, DISSOLVED	255		0.090	J	250	102.1		80	120	MS
CALCIUM, DISSOLVED	38100		38600		2500	-20.8	N	80	120	P
CHROMIUM, DISSOLVED	199		1.1	J	200	99.0		80	120	MS
COBALT, DISSOLVED	511		0.989	J	500	102.0		80	120	MS
COPPER, DISSOLVED	250		0.78	J	250	99.8		80	120	MS
IRON, DISSOLVED	932		80	U	1000	93.2		80	120	P
LEAD, DISSOLVED	101		0.082	J	100	101.0		80	120	MS
MAGNESIUM, DISSOLVED	12500		8300		5000	84.4		80	120	P
MANGANESE, DISSOLVED	654		210		500	88.7		80	120	P
NICKEL, DISSOLVED	504		0.98	J	500	100.7		80	120	MS
POTASSIUM, DISSOLVED	10800		1490		10000	92.8		80	120	P
SELENIUM, DISSOLVED	104		3.0	U	100	103.5		80	120	MS
SILVER, DISSOLVED	50.9		0.40	U	50	101.8		80	120	MS
SODIUM, DISSOLVED	13900		7390		7500	86.3		80	120	P
THALLIUM, DISSOLVED	96.4		0.38	J	100	96.0		80	120	MS
VANADIUM, DISSOLVED	506		4.0	U	500	101.1		80	120	MS
ZINC, DISSOLVED	491		1.0	J	500	98.0		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-008P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	1890		24	J	2000	93.4		80	120	P
ANTIMONY, TOTAL	92.7		0.13	J	100	92.6		80	120	MS
ARSENIC, TOTAL	98.4		4.0	U	100	98.4		80	120	MS
BARIUM, TOTAL	1900		6.06		2000	94.6		80	120	P
BERYLLIUM, TOTAL	47.4		0.20	U	50	94.8		80	120	MS
CADMIUM, TOTAL	249		0.059	J	250	99.7		80	120	MS
CALCIUM, TOTAL	32800		33000		2500	-6.4	N	80	120	P
CHROMIUM, TOTAL	180		0.73	J	200	89.8		80	120	MS
COBALT, TOTAL	464		0.15	J	500	92.8		80	120	MS
COPPER, TOTAL	230		4.26		250	90.2		80	120	MS
IRON, TOTAL	928		80	U	1000	92.8		80	120	P
LEAD, TOTAL	99.6		0.21	J	100	99.4		80	120	MS
MAGNESIUM, TOTAL	10200		6100		5000	82.4		80	120	P
MANGANESE, TOTAL	510		47.0		500	92.7		80	120	P
MERCURY, TOTAL	1.00		0.048	J	1	95.4		80	120	CV
NICKEL, TOTAL	469		1.86	J	500	93.4		80	120	MS
POTASSIUM, TOTAL	11300		1540		10000	97.5		80	120	P
SELENIUM, TOTAL	99.6		0.29	J	100	99.3		80	120	MS
SILVER, TOTAL	51.2		0.40	U	50	102.4		80	120	MS
SODIUM, TOTAL	14600		7990		7500	88.4		80	120	P
THALLIUM, TOTAL	95.1		0.40	U	100	95.1		80	120	MS
VANADIUM, TOTAL	464		1.1	J	500	92.5		80	120	MS
ZINC, TOTAL	474		4.9	J	500	93.8		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-008S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2020		24	J	2000	99.7		80	120	P
ANTIMONY, TOTAL	99.6		0.13	J	100	99.4		80	120	MS
ARSENIC, TOTAL	104		4.0	U	100	104.6		80	120	MS
BARIUM, TOTAL	1980		6.06		2000	98.5		80	120	P
BERYLLIUM, TOTAL	45.5		0.20	U	50	90.9		80	120	MS
CADMIUM, TOTAL	263		0.059	J	250	105.2		80	120	MS
CALCIUM, TOTAL	36300		33000		2500	133.6	N	80	120	P
CHROMIUM, TOTAL	202		0.73	J	200	100.4		80	120	MS
COBALT, TOTAL	516		0.15	J	500	103.2		80	120	MS
COPPER, TOTAL	247		4.26		250	97.3		80	120	MS
IRON, TOTAL	981		80	U	1000	98.1		80	120	P
LEAD, TOTAL	105		0.21	J	100	104.8		80	120	MS
MAGNESIUM, TOTAL	11100		6100		5000	99.8		80	120	P
MANGANESE, TOTAL	536		47.0		500	97.7		80	120	P
MERCURY, TOTAL	1.01		0.048	J	1	96.3		80	120	CV
NICKEL, TOTAL	512		1.86	J	500	101.9		80	120	MS
POTASSIUM, TOTAL	11600		1540		10000	100.4		80	120	P
SELENIUM, TOTAL	105		0.29	J	100	104.7		80	120	MS
SILVER, TOTAL	51.4		0.40	U	50	102.9		80	120	MS
SODIUM, TOTAL	15500		7990		7500	99.7		80	120	P
THALLIUM, TOTAL	98.3		0.40	U	100	98.3		80	120	MS
VANADIUM, TOTAL	510		1.1	J	500	101.7		80	120	MS
ZINC, TOTAL	493		4.9	J	500	97.6		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-009P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2060		32	J	2000	101.3		80	120	P
ANTIMONY, DISSOLVED	96.4		0.14	J	100	96.2		80	120	MS
ARSENIC, DISSOLVED	102		4.0	U	100	101.8		80	120	MS
BARIUM, DISSOLVED	2020		6.01		2000	100.5		80	120	P
BERYLLIUM, DISSOLVED	47.8		0.20	U	50	95.6		80	120	MS
CADMIUM, DISSOLVED	254		0.14	J	250	101.6		80	120	MS
CALCIUM, DISSOLVED	34200		32800		2500	57.6	N	80	120	P
CHROMIUM, DISSOLVED	204		0.78	J	200	101.6		80	120	MS
COBALT, DISSOLVED	526		0.26	J	500	105.1		80	120	MS
COPPER, DISSOLVED	254		1.2	J	250	101.2		80	120	MS
IRON, DISSOLVED	1020		80	U	1000	102.5		80	120	P
LEAD, DISSOLVED	102		0.13	J	100	102.0		80	120	MS
MAGNESIUM, DISSOLVED	10900		6160		5000	94.0		80	120	P
MANGANESE, DISSOLVED	560		47.0		500	102.6		80	120	P
NICKEL, DISSOLVED	518		2.14		500	103.2		80	120	MS
POTASSIUM, DISSOLVED	11500		1570		10000	99.5		80	120	P
SELENIUM, DISSOLVED	102		1.4	J	100	100.5		80	120	MS
SILVER, DISSOLVED	51.8		0.40	U	50	103.7		80	120	MS
SODIUM, DISSOLVED	14500		7850		7500	89.2		80	120	P
THALLIUM, DISSOLVED	94.8		0.40	U	100	94.8		80	120	MS
VANADIUM, DISSOLVED	518		1.2	J	500	103.4		80	120	MS
ZINC, DISSOLVED	502		1.7	J	500	100.0		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-009S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2060		32	J	2000	101.2		80	120	P
ANTIMONY, DISSOLVED	98.1		0.14	J	100	98.0		80	120	MS
ARSENIC, DISSOLVED	102		4.0	U	100	102.2		80	120	MS
BARIUM, DISSOLVED	2010		6.01		2000	100.0		80	120	P
BERYLLIUM, DISSOLVED	47.9		0.20	U	50	95.8		80	120	MS
CADMIUM, DISSOLVED	261		0.14	J	250	104.2		80	120	MS
CALCIUM, DISSOLVED	34000		32800		2500	48.8	N	80	120	P
CHROMIUM, DISSOLVED	204		0.78	J	200	101.7		80	120	MS
COBALT, DISSOLVED	524		0.26	J	500	104.8		80	120	MS
COPPER, DISSOLVED	254		1.2	J	250	101.2		80	120	MS
IRON, DISSOLVED	1020		80	U	1000	102.3		80	120	P
LEAD, DISSOLVED	103		0.13	J	100	103.2		80	120	MS
MAGNESIUM, DISSOLVED	10800		6160		5000	93.2		80	120	P
MANGANESE, DISSOLVED	561		47.0		500	102.7		80	120	P
MERCURY, DISSOLVED	1.09		0.10	U	1	108.7		80	120	CV
NICKEL, DISSOLVED	524		2.14		500	104.4		80	120	MS
POTASSIUM, DISSOLVED	11600		1570		10000	100.8		80	120	P
SELENIUM, DISSOLVED	103		1.4	J	100	101.8		80	120	MS
SILVER, DISSOLVED	52.6		0.40	U	50	105.2		80	120	MS
SODIUM, DISSOLVED	14500		7850		7500	88.4		80	120	P
THALLIUM, DISSOLVED	96.6		0.40	U	100	96.5		80	120	MS
VANADIUM, DISSOLVED	518		1.2	J	500	103.4		80	120	MS
ZINC, DISSOLVED	501		1.7	J	500	99.9		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-014P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2200		120	J	2000	104.0		80	120	P
ANTIMONY, TOTAL	100		0.096	J	100	100.3		80	120	MS
ARSENIC, TOTAL	102		4.0	U	100	102.1		80	120	MS
BARIUM, TOTAL	2030		12.8		2000	101.0		80	120	P
BERYLLIUM, TOTAL	51.8		0.20	U	50	103.5		80	120	MS
CADMIUM, TOTAL	262		0.18	J	250	104.5		80	120	MS
CALCIUM, TOTAL	9430		6280		2500	125.8	N	80	120	P
CHROMIUM, TOTAL	208		1.2	J	200	103.2		80	120	MS
COBALT, TOTAL	526		1.24		500	105.1		80	120	MS
COPPER, TOTAL	266		8.54		250	103.0		80	120	MS
IRON, TOTAL	1480		380		1000	110.5		80	120	P
LEAD, TOTAL	108		1.59		100	106.1		80	120	MS
MAGNESIUM, TOTAL	6550		1360		5000	103.9		80	120	P
MANGANESE, TOTAL	564		41.3		500	104.5		80	120	P
NICKEL, TOTAL	527		2.24		500	105.0		80	120	MS
POTASSIUM, TOTAL	11600		1490		10000	101.1		80	120	P
SELENIUM, TOTAL	101		0.98	J	100	100.5		80	120	MS
SILVER, TOTAL	52.8		0.070	J	50	105.4		80	120	MS
SODIUM, TOTAL	10600		3470		7500	95.3		80	120	P
THALLIUM, TOTAL	98.7		0.077	J	100	98.6		80	120	MS
VANADIUM, TOTAL	520		1.7	J	500	103.6		80	120	MS
ZINC, TOTAL	520		13.7	J	500	101.3		80	120	P

Comments:

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SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-014S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2160		120	J	2000	102.3		80	120	P
ANTIMONY, TOTAL	97.2		0.096	J	100	97.1		80	120	MS
ARSENIC, TOTAL	100		4.0	U	100	100.3		80	120	MS
BARIUM, TOTAL	2000		12.8		2000	99.5		80	120	P
BERYLLIUM, TOTAL	50.5		0.20	U	50	101.0		80	120	MS
CADMIUM, TOTAL	255		0.18	J	250	101.9		80	120	MS
CALCIUM, TOTAL	9020		6280		2500	109.5		80	120	P
CHROMIUM, TOTAL	204		1.2	J	200	101.4		80	120	MS
COBALT, TOTAL	518		1.24		500	103.5		80	120	MS
COPPER, TOTAL	263		8.54		250	101.9		80	120	MS
IRON, TOTAL	1460		380		1000	107.5		80	120	P
LEAD, TOTAL	104		1.59		100	102.3		80	120	MS
MAGNESIUM, TOTAL	6390		1360		5000	100.6		80	120	P
MANGANESE, TOTAL	558		41.3		500	103.4		80	120	P
MERCURY, TOTAL	1.19		0.10	U	1	119.4		80	120	CV
NICKEL, TOTAL	518		2.24		500	103.2		80	120	MS
POTASSIUM, TOTAL	11400		1490		10000	98.9		80	120	P
SELENIUM, TOTAL	99.3		0.98	J	100	98.3		80	120	MS
SILVER, TOTAL	52.0		0.070	J	50	103.9		80	120	MS
SODIUM, TOTAL	10300		3470		7500	90.9		80	120	P
THALLIUM, TOTAL	95.4		0.077	J	100	95.4		80	120	MS
VANADIUM, TOTAL	511		1.7	J	500	101.9		80	120	MS
ZINC, TOTAL	512		13.7	J	500	99.8		80	120	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-015P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	2020		49	J	2000	98.3		80	120	P
ANTIMONY, DISSOLVED	99.0		0.14	J	100	98.9		80	120	MS
ARSENIC, DISSOLVED	102		4.0	U	100	101.6		80	120	MS
BARIUM, DISSOLVED	2000		11.9		2000	99.7		80	120	P
BERYLLIUM, DISSOLVED	46.3		0.20	U	50	92.6		80	120	MS
CADMIUM, DISSOLVED	261		0.12	J	250	104.4		80	120	MS
CALCIUM, DISSOLVED	8900		6660		2500	89.4		80	120	P
CHROMIUM, DISSOLVED	205		1.1	J	200	101.9		80	120	MS
COBALT, DISSOLVED	532		1.12		500	106.1		80	120	MS
COPPER, DISSOLVED	260		4.01		250	102.5		80	120	MS
IRON, DISSOLVED	1200		215		1000	98.7		80	120	P
LEAD, DISSOLVED	104		0.46	J	100	104.0		80	120	MS
MAGNESIUM, DISSOLVED	6270		1410		5000	97.1		80	120	P
MANGANESE, DISSOLVED	523		38.3		500	97.0		80	120	P
NICKEL, DISSOLVED	522		2.04		500	104.0		80	120	MS
POTASSIUM, DISSOLVED	11000		1460		10000	95.1		80	120	P
SELENIUM, DISSOLVED	103		0.80	J	100	102.0		80	120	MS
SILVER, DISSOLVED	53.0		0.40	U	50	106.0		80	120	MS
SODIUM, DISSOLVED	10700		3740		7500	92.8		80	120	P
THALLIUM, DISSOLVED	97.6		0.067	J	100	97.5		80	120	MS
VANADIUM, DISSOLVED	520		1.3	J	500	103.7		80	120	MS
ZINC, DISSOLVED	503		10.4	J	500	98.5		80	120	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-015S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	1940		49	J	2000	94.4		80	120	P
ANTIMONY, DISSOLVED	94.8		0.14	J	100	94.7		80	120	MS
ARSENIC, DISSOLVED	98.5		4.0	U	100	98.5		80	120	MS
BARIUM, DISSOLVED	1940		11.9		2000	96.7		80	120	P
BERYLLIUM, DISSOLVED	47.2		0.20	U	50	94.4		80	120	MS
CADMIUM, DISSOLVED	256		0.12	J	250	102.3		80	120	MS
CALCIUM, DISSOLVED	8640		6660		2500	79.0	N	80	120	P
CHROMIUM, DISSOLVED	193		1.1	J	200	96.0		80	120	MS
COBALT, DISSOLVED	500		1.12		500	99.7		80	120	MS
COPPER, DISSOLVED	248		4.01		250	97.5		80	120	MS
IRON, DISSOLVED	1150		215		1000	93.9		80	120	P
LEAD, DISSOLVED	102		0.46	J	100	101.0		80	120	MS
MAGNESIUM, DISSOLVED	6080		1410		5000	93.4		80	120	P
MANGANESE, DISSOLVED	510		38.3		500	94.3		80	120	P
MERCURY, DISSOLVED	1.09		0.10	U	1	108.8		80	120	CV
NICKEL, DISSOLVED	500		2.04		500	99.7		80	120	MS
POTASSIUM, DISSOLVED	11000		1460		10000	95.8		80	120	P
SELENIUM, DISSOLVED	99.7		0.80	J	100	98.9		80	120	MS
SILVER, DISSOLVED	52.4		0.40	U	50	104.9		80	120	MS
SODIUM, DISSOLVED	10600		3740		7500	91.1		80	120	P
THALLIUM, DISSOLVED	94.8		0.067	J	100	94.7		80	120	MS
VANADIUM, DISSOLVED	491		1.3	J	500	97.9		80	120	MS
ZINC, DISSOLVED	487		10.4	J	500	95.3		80	120	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-11-061714S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-007A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	9950		43	J	10500	94.4		75	125	P
ANTIMONY, DISSOLVED	1.92		0.011	U	2	96.0		75	125	MS
ARSENIC, DISSOLVED	9.78		0.45	U	10	97.8		75	125	MS
BARIUM, DISSOLVED	482		1.7	J	500	96.1		75	125	P
BERYLLIUM, DISSOLVED	1.80		0.0067	U	2	89.8		75	125	MS
CADMIUM, DISSOLVED	1.98		0.016	J	2	98.4		75	125	MS
CALCIUM, DISSOLVED	9800		4470		5500	96.9		75	125	P
CHROMIUM, DISSOLVED	11.0		0.934	J	10	100.9		75	125	MS
COBALT, DISSOLVED	1.97		0.016	J	2	97.9		75	125	MS
COPPER, DISSOLVED	6.14		0.14	J	6	100.1		75	125	MS
IRON, DISSOLVED	5370		198		5500	94.0		75	125	P
LEAD, DISSOLVED	1.97		0.019	J	2	97.5		75	125	MS
MAGNESIUM, DISSOLVED	6660		1570		5500	92.5		75	125	P
MANGANESE, DISSOLVED	907		463		500	88.9		75	125	P
NICKEL, DISSOLVED	4.29		0.29	J	4	100.0		75	125	MS
POTASSIUM, DISSOLVED	10000		528	J	10000	94.8		75	125	P
SELENIUM, DISSOLVED	9.33		0.078	J	10	92.5		75	125	MS
SILVER, DISSOLVED	2.04		0.010	U	2	101.8		75	125	MS
SODIUM, DISSOLVED	9640		4350		5500	96.2		75	125	P
THALLIUM, DISSOLVED	1.93		0.012	U	2	96.5		75	125	MS
VANADIUM, DISSOLVED	9.62		0.21	J	10	94.1		75	125	MS
ZINC, DISSOLVED	466		2.5	J	500	92.7		75	125	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-206-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-019A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	9710		35	J	10500	92.2		75	125	P
ANTIMONY, DISSOLVED	2.00		0.029	J	2	98.8		75	125	MS
ARSENIC, DISSOLVED	10.0		0.52	J	10	95.2		75	125	MS
BARIUM, DISSOLVED	474		6.20		500	93.6		75	125	P
BERYLLIUM, DISSOLVED	1.94		0.0067	U	2	97.0		75	125	MS
CADMIUM, DISSOLVED	2.02		0.018	J	2	99.9		75	125	MS
CALCIUM, DISSOLVED	41700		38600		5500	55.6	A	75	125	P
CHROMIUM, DISSOLVED	10.1		0.22	J	10	99.0		75	125	MS
COBALT, DISSOLVED	2.17		0.198	J	2	98.6		75	125	MS
COPPER, DISSOLVED	6.15		0.16	J	6	99.9		75	125	MS
IRON, DISSOLVED	4860		5.4	U	5500	88.4		75	125	P
LEAD, DISSOLVED	1.98		0.016	J	2	98.0		75	125	MS
MAGNESIUM, DISSOLVED	13300		8300		5500	91.1		75	125	P
MANGANESE, DISSOLVED	632		210		500	84.5		75	125	P
NICKEL, DISSOLVED	4.07		0.20	J	4	96.8		75	125	MS
POTASSIUM, DISSOLVED	10300		1490		10000	88.0		75	125	P
SELENIUM, DISSOLVED	9.48		0.037	U	10	94.8		75	125	MS
SILVER, DISSOLVED	1.94		0.010	U	2	97.0		75	125	MS
SODIUM, DISSOLVED	12200		7390		5500	86.9		75	125	P
THALLIUM, DISSOLVED	1.98		0.076	J	2	95.5		75	125	MS
VANADIUM, DISSOLVED	9.64		0.10	U	10	96.4		75	125	MS
ZINC, DISSOLVED	477		1.0	J	500	95.1		75	125	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-008A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	10100		24	J	10500	96.2		75	125	P
ANTIMONY, TOTAL	1.92		0.026	J	2	94.5		75	125	MS
ARSENIC, TOTAL	9.98		0.45	U	10	99.8		75	125	MS
BARIUM, TOTAL	484		6.06		500	95.7		75	125	P
BERYLLIUM, TOTAL	1.90		0.0067	U	2	95.3		75	125	MS
CADMIUM, TOTAL	2.06		0.012	J	2	102.2		75	125	MS
CALCIUM, TOTAL	37700		33000		5500	86.2		75	125	P
CHROMIUM, TOTAL	10.2		0.14	J	10	100.5		75	125	MS
COBALT, TOTAL	2.02		0.029	J	2	99.4		75	125	MS
COPPER, TOTAL	6.93		0.852		6	101.3		75	125	MS
IRON, TOTAL	5240		5.4	U	5500	95.3		75	125	P
LEAD, TOTAL	2.08		0.041	J	2	102.2		75	125	MS
MAGNESIUM, TOTAL	11200		6100		5500	92.0		75	125	P
MANGANESE, TOTAL	515		47.0		500	93.6		75	125	P
MERCURY, TOTAL	1.04		0.048	J	1	99.5		75	125	CV
NICKEL, TOTAL	4.38		0.373	J	4	100.1		75	125	MS
POTASSIUM, TOTAL	11000		1540		10000	94.1		75	125	P
SELENIUM, TOTAL	9.70		0.058	J	10	96.4		75	125	MS
SILVER, TOTAL	2.08		0.010	U	2	104.2		75	125	MS
SODIUM, TOTAL	13300		7990		5500	96.5		75	125	P
THALLIUM, TOTAL	2.02		0.012	U	2	101.2		75	125	MS
VANADIUM, TOTAL	9.80		0.22	J	10	95.8		75	125	MS
ZINC, TOTAL	485		4.9	J	500	96.1		75	125	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-009A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	10200		32	J	10500	96.6		75	125	P
ANTIMONY, DISSOLVED	1.89		0.028	J	2	93.3		75	125	MS
ARSENIC, DISSOLVED	9.88		0.45	U	10	98.8		75	125	MS
BARIUM, DISSOLVED	480		6.01		500	94.9		75	125	P
BERYLLIUM, DISSOLVED	1.94		0.0067	U	2	97.1		75	125	MS
CADMIUM, DISSOLVED	2.00		0.027	J	2	98.8		75	125	MS
CALCIUM, DISSOLVED	37700		32800		5500	89.5		75	125	P
CHROMIUM, DISSOLVED	10.1		0.16	J	10	99.1		75	125	MS
COBALT, DISSOLVED	1.97		0.053	J	2	95.9		75	125	MS
COPPER, DISSOLVED	6.20		0.23	J	6	99.5		75	125	MS
IRON, DISSOLVED	5390		5.4	U	5500	98.0		75	125	P
LEAD, DISSOLVED	2.09		0.026	J	2	103.3		75	125	MS
MAGNESIUM, DISSOLVED	11300		6160		5500	93.3		75	125	P
MANGANESE, DISSOLVED	538		47.0		500	98.3		75	125	P
MERCURY, DISSOLVED	1.14		0.013	U	1	113.8		75	125	CV
NICKEL, DISSOLVED	4.25		0.427		4	95.5		75	125	MS
POTASSIUM, DISSOLVED	11300		1570		10000	97.4		75	125	P
SELENIUM, DISSOLVED	9.73		0.29	J	10	94.4		75	125	MS
SILVER, DISSOLVED	2.04		0.010	U	2	102.0		75	125	MS
SODIUM, DISSOLVED	12900		7850		5500	92.2		75	125	P
THALLIUM, DISSOLVED	1.94		0.012	U	2	97.2		75	125	MS
VANADIUM, DISSOLVED	9.75		0.24	J	10	95.1		75	125	MS
ZINC, DISSOLVED	479		1.7	J	500	95.5		75	125	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-014A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	10300		120	J	10500	96.6		75	125	P
ANTIMONY, TOTAL	1.93		0.019	J	2	95.6		75	125	MS
ARSENIC, TOTAL	5.86		0.45	U	10	58.6	A	75	125	MS
BARIUM, TOTAL	487		12.8		500	94.9		75	125	P
BERYLLIUM, TOTAL	2.01		0.0067	U	2	100.5		75	125	MS
CADMIUM, TOTAL	2.23		0.036	J	2	109.7		75	125	MS
CALCIUM, TOTAL	11800		6280		5500	100.0		75	125	P
CHROMIUM, TOTAL	10.4		0.24	J	10	101.7		75	125	MS
COBALT, TOTAL	2.23		0.248		2	98.9		75	125	MS
COPPER, TOTAL	8.86		1.71		6	119.1		75	125	MS
IRON, TOTAL	5790		380		5500	98.3		75	125	P
LEAD, TOTAL	2.33		0.318		2	100.8		75	125	MS
MAGNESIUM, TOTAL	6860		1360		5500	100.1		75	125	P
MANGANESE, TOTAL	536		41.3		500	99.0		75	125	P
MERCURY, TOTAL	1.08		0.013	U	1	107.5		75	125	CV
NICKEL, TOTAL	4.45		0.448		4	100.1		75	125	MS
POTASSIUM, TOTAL	11200		1490		10000	97.4		75	125	P
SELENIUM, TOTAL	10.2		0.20	J	10	99.7		75	125	MS
SILVER, TOTAL	2.10		0.014	J	2	104.3		75	125	MS
SODIUM, TOTAL	8650		3470		5500	94.1		75	125	P
THALLIUM, TOTAL	1.99		0.015	J	2	98.7		75	125	MS
VANADIUM, TOTAL	9.87		0.33	J	10	95.4		75	125	MS
ZINC, TOTAL	494		13.7	J	500	96.0		75	125	P

Comments:

5B

POST DIGEST SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914S

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-015A

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, DISSOLVED	10000		49	J	10500	95.0		75	125	P
ANTIMONY, DISSOLVED	1.91		0.029	J	2	94.0		75	125	MS
ARSENIC, DISSOLVED	9.84		0.45	U	10	98.4		75	125	MS
BARIUM, DISSOLVED	484		11.9		500	94.5		75	125	P
BERYLLIUM, DISSOLVED	1.91		0.0067	U	2	95.5		75	125	MS
CADMIUM, DISSOLVED	2.04		0.025	J	2	101.0		75	125	MS
CALCIUM, DISSOLVED	11800		6660		5500	93.1		75	125	P
CHROMIUM, DISSOLVED	10.4		0.22	J	10	101.7		75	125	MS
COBALT, DISSOLVED	2.21		0.223		2	99.1		75	125	MS
COPPER, DISSOLVED	6.71		0.803		6	98.5		75	125	MS
IRON, DISSOLVED	5430		215		5500	94.7		75	125	P
LEAD, DISSOLVED	2.09		0.092	J	2	99.8		75	125	MS
MAGNESIUM, DISSOLVED	6760		1410		5500	97.4		75	125	P
MANGANESE, DISSOLVED	507		38.3		500	93.7		75	125	P
MERCURY, DISSOLVED	1.04		0.013	U	1	103.8		75	125	CV
NICKEL, DISSOLVED	4.36		0.408		4	98.8		75	125	MS
POTASSIUM, DISSOLVED	10800		1460		10000	92.9		75	125	P
SELENIUM, DISSOLVED	9.54		0.16	J	10	93.8		75	125	MS
SILVER, DISSOLVED	2.04		0.010	U	2	102.0		75	125	MS
SODIUM, DISSOLVED	8850		3740		5500	92.9		75	125	P
THALLIUM, DISSOLVED	1.98		0.013	J	2	98.2		75	125	MS
VANADIUM, DISSOLVED	9.96		0.25	J	10	97.1		75	125	MS
ZINC, DISSOLVED	490		10.4	J	500	95.9		75	125	P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-11-061714

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-007

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, DISSOLVED		2030		2040		0.6		P
ANTIMONY, DISSOLVED		99.7		103		2.9		MS
ARSENIC, DISSOLVED		102		102		0.3		MS
BARIUM, DISSOLVED		2040		2040		0.1		P
BERYLLIUM, DISSOLVED		45.3		44.0		2.7		MS
CADMIUM, DISSOLVED		256		262		2.5		MS
CALCIUM, DISSOLVED		7070		7120		0.7		P
CHROMIUM, DISSOLVED		203		199		1.9		MS
COBALT, DISSOLVED		523		514		1.6		MS
COPPER, DISSOLVED		254		678		91.0	*	MS
IRON, DISSOLVED		1170		1180		0.4		P
LEAD, DISSOLVED		102		106		3.1		MS
MAGNESIUM, DISSOLVED		6240		6380		2.3		P
MANGANESE, DISSOLVED		942		942		0.1		P
NICKEL, DISSOLVED		520		512		1.5		MS
POTASSIUM, DISSOLVED		10500		11000		4.1		P
SELENIUM, DISSOLVED		97.8		99.0		1.2		MS
SILVER, DISSOLVED		52.0		51.0		2.0		MS
SODIUM, DISSOLVED		11800		12000		1.9		P
THALLIUM, DISSOLVED		95.5		106		10.8		MS
VANADIUM, DISSOLVED		516		504		2.4		MS
ZINC, DISSOLVED		477		476		0.2		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-206-061814

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4401-019

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, DISSOLVED		1990		2020		1.9		P
ANTIMONY, DISSOLVED		101		101		0.0		MS
ARSENIC, DISSOLVED		105		104		1.1		MS
BARIUM, DISSOLVED		1990		2020		1.2		P
BERYLLIUM, DISSOLVED		47.1		48.1		2.0		MS
CADMIUM, DISSOLVED		255		254		0.6		MS
CALCIUM, DISSOLVED		38100		39100		2.7		P
CHROMIUM, DISSOLVED		199		201		1.1		MS
COBALT, DISSOLVED		511		517		1.2		MS
COPPER, DISSOLVED		250		250		0.0		MS
IRON, DISSOLVED		932		952		2.2		P
LEAD, DISSOLVED		101		101		0.2		MS
MAGNESIUM, DISSOLVED		12500		12600		1.0		P
MANGANESE, DISSOLVED		654		675		3.3		P
NICKEL, DISSOLVED		504		512		1.6		MS
POTASSIUM, DISSOLVED		10800		11000		1.8		P
SELENIUM, DISSOLVED		104		100		2.9		MS
SILVER, DISSOLVED		50.9		51.0		0.1		MS
SODIUM, DISSOLVED		13900		14100		1.8		P
THALLIUM, DISSOLVED		96.4		96.4		0.1		MS
VANADIUM, DISSOLVED		506		510		0.9		MS
ZINC, DISSOLVED		491		495		0.7		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-008

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, TOTAL		2020		1890		6.4		P
ANTIMONY, TOTAL		99.6		92.7		7.1		MS
ARSENIC, TOTAL		104		98.4		6.1		MS
BARIUM, TOTAL		1980		1900		4.0		P
BERYLLIUM, TOTAL		45.5		47.4		4.1		MS
CADMIUM, TOTAL		263		249		5.3		MS
CALCIUM, TOTAL		36300		32800		10.1		P
CHROMIUM, TOTAL		202		180		11.1		MS
COBALT, TOTAL		516		464		10.5		MS
COPPER, TOTAL		247		230		7.4		MS
IRON, TOTAL		981		928		5.5		P
LEAD, TOTAL		105		99.6		5.2		MS
MAGNESIUM, TOTAL		11100		10200		8.2		P
MANGANESE, TOTAL		536		510		4.8		P
MERCURY, TOTAL		1.01		1.00		0.9		CV
NICKEL, TOTAL		512		469		8.7		MS
POTASSIUM, TOTAL		11600		11300		2.5		P
SELENIUM, TOTAL		105		99.6		5.2		MS
SILVER, TOTAL		51.4		51.2		0.5		MS
SODIUM, TOTAL		15500		14600		5.6		P
THALLIUM, TOTAL		98.3		95.1		3.3		MS
VANADIUM, TOTAL		510		464		9.4		MS
ZINC, TOTAL		493		474		3.9		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-009

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, DISSOLVED		2060		2060		0.2		P
ANTIMONY, DISSOLVED		98.1		96.4		1.8		MS
ARSENIC, DISSOLVED		102		102		0.4		MS
BARIUM, DISSOLVED		2010		2020		0.4		P
BERYLLIUM, DISSOLVED		47.9		47.8		0.1		MS
CADMIUM, DISSOLVED		261		254		2.5		MS
CALCIUM, DISSOLVED		34000		34200		0.6		P
CHROMIUM, DISSOLVED		204		204		0.0		MS
COBALT, DISSOLVED		524		526		0.3		MS
COPPER, DISSOLVED		254		254		0.0		MS
IRON, DISSOLVED		1020		1020		0.2		P
LEAD, DISSOLVED		103		102		1.2		MS
MAGNESIUM, DISSOLVED		10800		10900		0.4		P
MANGANESE, DISSOLVED		561		560		0.2		P
NICKEL, DISSOLVED		524		518		1.2		MS
POTASSIUM, DISSOLVED		11600		11500		1.1		P
SELENIUM, DISSOLVED		103		102		1.3		MS
SILVER, DISSOLVED		52.6		51.8		1.4		MS
SODIUM, DISSOLVED		14500		14500		0.4		P
THALLIUM, DISSOLVED		96.6		94.8		1.8		MS
VANADIUM, DISSOLVED		518		518		0.0		MS
ZINC, DISSOLVED		501		502		0.2		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-014

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, TOTAL		2160		2200		1.6		P
ANTIMONY, TOTAL		97.2		100		3.2		MS
ARSENIC, TOTAL		100		102		1.7		MS
BARIUM, TOTAL		2000		2030		1.5		P
BERYLLIUM, TOTAL		50.5		51.8		2.4		MS
CADMIUM, TOTAL		255		262		2.5		MS
CALCIUM, TOTAL		9020		9430		4.4		P
CHROMIUM, TOTAL		204		208		1.8		MS
COBALT, TOTAL		518		526		1.5		MS
COPPER, TOTAL		263		266		1.0		MS
IRON, TOTAL		1460		1480		2.0		P
LEAD, TOTAL		104		108		3.5		MS
MAGNESIUM, TOTAL		6390		6550		2.5		P
MANGANESE, TOTAL		558		564		1.0		P
NICKEL, TOTAL		518		527		1.7		MS
POTASSIUM, TOTAL		11400		11600		1.9		P
SELENIUM, TOTAL		99.3		101		2.1		MS
SILVER, TOTAL		52.0		52.8		1.4		MS
SODIUM, TOTAL		10300		10600		3.2		P
THALLIUM, TOTAL		95.4		98.7		3.3		MS
VANADIUM, TOTAL		511		520		1.6		MS
ZINC, TOTAL		512		520		1.5		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-015

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, DISSOLVED		1940		2020		3.9		P
ANTIMONY, DISSOLVED		94.8		99.0		4.3		MS
ARSENIC, DISSOLVED		98.5		102		3.1		MS
BARIUM, DISSOLVED		1940		2000		3.0		P
BERYLLIUM, DISSOLVED		47.2		46.3		1.9		MS
CADMIUM, DISSOLVED		256		261		2.1		MS
CALCIUM, DISSOLVED		8640		8900		3.0		P
CHROMIUM, DISSOLVED		193		205		5.9		MS
COBALT, DISSOLVED		500		532		6.2		MS
COPPER, DISSOLVED		248		260		4.9		MS
IRON, DISSOLVED		1150		1200		4.1		P
LEAD, DISSOLVED		102		104		2.9		MS
MAGNESIUM, DISSOLVED		6080		6270		3.1		P
MANGANESE, DISSOLVED		510		523		2.6		P
NICKEL, DISSOLVED		500		522		4.2		MS
POTASSIUM, DISSOLVED		11000		11000		0.6		P
SELENIUM, DISSOLVED		99.7		103		3.0		MS
SILVER, DISSOLVED		52.4		53.0		1.0		MS
SODIUM, DISSOLVED		10600		10700		1.2		P
THALLIUM, DISSOLVED		94.8		97.6		2.9		MS
VANADIUM, DISSOLVED		491		520		5.7		MS
ZINC, DISSOLVED		487		503		3.2		P

Comments:

DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814D

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-008D

Concentration Units : ug/L

Analyte	Control Limits	Sample Result	C	Duplicate Result	C	RPD	Q	M
MERCURY, TOTAL		0.0480	J	-0.0020	U	200.0		CV

Comments:

DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814D

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-009D

Concentration Units : ug/L

Analyte	Control Limits	Sample Result	C	Duplicate Result	C	RPD	Q	M
MERCURY, DISSOLVED		-0.0010	U	-0.0030	U			CV

Comments:

DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914D

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-014D

Concentration Units : ug/L

Analyte	Control Limits	Sample Result	C	Duplicate Result	C	RPD	Q	M
MERCURY, TOTAL		0.0120	U	0.0120	U			CV

Comments:

DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914D

Matrix: WATER **SDG Name:** WE53-7

Percent Solids: 0.00 **Lab Sample ID:** SH4521-015D

Concentration Units : ug/L

Analyte	Control Limits	Sample Result	C	Duplicate Result	C	RPD	Q	M
MERCURY, DISSOLVED		-0.0150	U	0.0100	U			CV

Comments:

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF20ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF20ICW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000	2040	102.1	80	120
BARIUM	2000	1990	99.6	80	120
CALCIUM	2500	2530	101.2	80	120
IRON	1000	1030	103.1	80	120
MAGNESIUM	5000	4860	97.1	80	120
MANGANESE	500	510	101.9	80	120
POTASSIUM	10000	10100	101.2	80	120
SODIUM	7500	7300	97.4	80	120
ZINC	500	500	99.9	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF20IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF20IMW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ANTIMONY	100	99.6	99.7	80	120
ARSENIC	100	99.2	99.3	80	120
BERYLLIUM	50.0	45.0	89.9	80	120
CADMIUM	250	254	101.4	80	120
CHROMIUM	200	200	99.8	80	120
COBALT	500	512	102.4	80	120
COPPER	250	251	100.5	80	120
LEAD	100	101	100.6	80	120
NICKEL	500	512	102.5	80	120
SELENIUM	100	97.3	97.3	80	120
SILVER	50.0	50.6	101.2	80	120
THALLIUM	100	94.8	94.8	80	120
VANADIUM	500	505	101.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF23ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF23ICW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000	2000	100.0	80	120
BARIUM	2000	2090	104.3	80	120
CALCIUM	2500	2480	99.0	80	120
IRON	1000	960	96.0	80	120
MAGNESIUM	5000	5240	104.8	80	120
MANGANESE	500	481	96.3	80	120
POTASSIUM	10000	9890	98.9	80	120
SODIUM	7500	7390	98.6	80	120
ZINC	500	506	101.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF23IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF23IMW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ANTIMONY	100	101	101.2	80	120
ARSENIC	100	102	102.2	80	120
BERYLLIUM	50.0	46.7	93.5	80	120
CADMIUM	250	261	104.4	80	120
CHROMIUM	200	204	102.0	80	120
COBALT	500	529	105.8	80	120
COPPER	250	258	103.1	80	120
LEAD	100	103	102.6	80	120
NICKEL	500	524	104.8	80	120
SELENIUM	100	104	103.8	80	120
SILVER	50.0	52.4	104.9	80	120
THALLIUM	100	98.0	98.0	80	120
VANADIUM	500	519	103.8	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF24ICW1

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000	2010	100.7	80	120
BARIUM	2000	2000	99.8	80	120
CALCIUM	2500	2470	98.8	80	120
IRON	1000	1010	101.2	80	120
MAGNESIUM	5000	5060	101.2	80	120
MANGANESE	500	511	102.3	80	120
POTASSIUM	10000	9980	99.8	80	120
SODIUM	7500	7030	93.7	80	120
ZINC	500	496	99.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF24ICW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24ICW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000	1950	97.6	80	120
BARIUM	2000	1970	98.5	80	120
CALCIUM	2500	2400	96.0	80	120
IRON	1000	965	96.5	80	120
MAGNESIUM	5000	4850	97.0	80	120
MANGANESE	500	486	97.3	80	120
POTASSIUM	10000	9380	93.8	80	120
SODIUM	7500	6920	92.3	80	120
ZINC	500	495	99.0	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF24IMW1

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24IMW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ANTIMONY	100	96.4	96.5	80	120
ARSENIC	100	99.8	99.8	80	120
BERYLLIUM	50.0	44.5	89.0	80	120
CADMIUM	250	255	102.1	80	120
CHROMIUM	200	202	101.2	80	120
COBALT	500	519	103.8	80	120
COPPER	250	254	101.5	80	120
LEAD	100	101	101.2	80	120
NICKEL	500	522	104.3	80	120
SELENIUM	100	101	101.2	80	120
SILVER	50.0	51.1	102.2	80	120
THALLIUM	100	93.9	93.9	80	120
VANADIUM	500	512	102.5	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF24IMW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF24IMW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ANTIMONY	100	95.8	95.8	80	120
ARSENIC	100	99.2	99.3	80	120
BERYLLIUM	50.0	46.0	92.0	80	120
CADMIUM	250	256	102.6	80	120
CHROMIUM	200	203	101.5	80	120
COBALT	500	513	102.7	80	120
COPPER	250	255	102.1	80	120
LEAD	100	101	101.0	80	120
NICKEL	500	520	103.9	80	120
SELENIUM	100	99.5	99.5	80	120
SILVER	50.0	52.2	104.5	80	120
THALLIUM	100	94.0	94.0	80	120
VANADIUM	500	512	102.5	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF26HGW3

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF26HGW3

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.00	4.74	94.8	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF29HGW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF29HGW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.00	5.03	100.6	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHF29HGW3

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HF29HGW3

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.00	5.62	112.6	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWHG03HGW2

Matrix: WATER **SDG Name:** WE53-7

QC Batch ID: HG03HGW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.00	4.69	93.8	80	120

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-11-061714L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4401-007L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, DISSOLVED	43	J	75.	U	100.0		P
ANTIMONY, DISSOLVED	0.011	U	0.055	U			MS
ARSENIC, DISSOLVED	0.45	U	2.3	U			MS
BARIUM, DISSOLVED	1.7	J	2.2	J	29.4		P
BERYLLIUM, DISSOLVED	0.0067	U	0.034	U			MS
CADMIUM, DISSOLVED	0.016	J	0.030	U	100.0		MS
CALCIUM, DISSOLVED	4470		4540		1.6		P
CHROMIUM, DISSOLVED	0.934	J	0.96	J	2.8		MS
COBALT, DISSOLVED	0.016	J	0.060	U	100.0		MS
COPPER, DISSOLVED	0.14	J	0.19	U	100.0		MS
IRON, DISSOLVED	198		210	J	6.1		P
LEAD, DISSOLVED	0.019	J	0.075	U	100.0		MS
MAGNESIUM, DISSOLVED	1570		1640		4.5		P
MANGANESE, DISSOLVED	463		460		0.6		P
NICKEL, DISSOLVED	0.29	J	0.27	J	6.9		MS
POTASSIUM, DISSOLVED	528	J	550	J	4.2		P
SELENIUM, DISSOLVED	0.078	J	0.19	U	100.0		MS
SILVER, DISSOLVED	0.010	U	0.050	U			MS
SODIUM, DISSOLVED	4350		4480	J	3.0		P
THALLIUM, DISSOLVED	0.012	U	0.060	U			MS
VANADIUM, DISSOLVED	0.21	J	0.50	U	100.0		MS
ZINC, DISSOLVED	2.5	J	3.6	U	100.0		P

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-206-061814L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4401-019L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, DISSOLVED	35	J	75.	U	100.0		P
ANTIMONY, DISSOLVED	0.029	J	0.055	U	100.0		MS
ARSENIC, DISSOLVED	0.52	J	2.3	U	100.0		MS
BARIUM, DISSOLVED	6.20		4.5	J	27.4		P
BERYLLIUM, DISSOLVED	0.0067	U	0.034	U			MS
CADMIUM, DISSOLVED	0.018	J	0.033	J	83.3		MS
CALCIUM, DISSOLVED	38600		38800		0.5		P
CHROMIUM, DISSOLVED	0.22	J	0.22	U	100.0		MS
COBALT, DISSOLVED	0.198	J	0.20	J	1.0		MS
COPPER, DISSOLVED	0.16	J	0.19	U	100.0		MS
IRON, DISSOLVED	5.4	U	38	J			P
LEAD, DISSOLVED	0.016	J	0.075	U	100.0		MS
MAGNESIUM, DISSOLVED	8300		8470		2.0		P
MANGANESE, DISSOLVED	210		211		0.5		P
NICKEL, DISSOLVED	0.20	J	0.19	J	5.0		MS
POTASSIUM, DISSOLVED	1490		1600	J	7.4		P
SELENIUM, DISSOLVED	0.037	U	0.20	J			MS
SILVER, DISSOLVED	0.010	U	0.050	U			MS
SODIUM, DISSOLVED	7390		7470		1.1		P
THALLIUM, DISSOLVED	0.076	J	0.083	J	9.2		MS
VANADIUM, DISSOLVED	0.10	U	0.50	U			MS
ZINC, DISSOLVED	1.0	J	3.6	U	100.0		P

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4521-008L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, TOTAL	24	J	75.	U	100.0		P
ANTIMONY, TOTAL	0.026	J	0.055	U	100.0		MS
ARSENIC, TOTAL	0.45	U	2.3	U			MS
BARIUM, TOTAL	6.06		6.8	J	12.2		P
BERYLLIUM, TOTAL	0.0067	U	0.034	U			MS
CADMIUM, TOTAL	0.012	J	0.030	U	100.0		MS
CALCIUM, TOTAL	33000		33600		1.8		P
CHROMIUM, TOTAL	0.14	J	0.22	U	100.0		MS
COBALT, TOTAL	0.029	J	0.060	U	100.0		MS
COPPER, TOTAL	0.852		0.92	J	8.0		MS
IRON, TOTAL	5.4	U	27.	U			P
LEAD, TOTAL	0.041	J	0.075	U	100.0		MS
MAGNESIUM, TOTAL	6100		6220		2.0		P
MANGANESE, TOTAL	47.0		47		0.0		P
MERCURY, TOTAL	0.048	J	0.21	J	337.5		CV
NICKEL, TOTAL	0.373	J	0.41	J	9.9		MS
POTASSIUM, TOTAL	1540		1400	J	9.1		P
SELENIUM, TOTAL	0.058	J	1.2	J	1969.0		MS
SILVER, TOTAL	0.010	U	0.050	U			MS
SODIUM, TOTAL	7990		8050		0.8		P
THALLIUM, TOTAL	0.012	U	0.060	U			MS
VANADIUM, TOTAL	0.22	J	0.50	U	100.0		MS
ZINC, TOTAL	4.9	J	5.7	J	16.3		P

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-MW-210-061814L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4521-009L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, DISSOLVED	32	J	75.	U	100.0		P
ANTIMONY, DISSOLVED	0.028	J	0.055	U	100.0		MS
ARSENIC, DISSOLVED	0.45	U	2.3	U			MS
BARIUM, DISSOLVED	6.01		6.4	J	6.5		P
BERYLLIUM, DISSOLVED	0.0067	U	0.034	U			MS
CADMIUM, DISSOLVED	0.027	J	0.030	U	100.0		MS
CALCIUM, DISSOLVED	32800		33600		2.4		P
CHROMIUM, DISSOLVED	0.16	J	0.22	U	100.0		MS
COBALT, DISSOLVED	0.053	J	0.060	U	100.0		MS
COPPER, DISSOLVED	0.23	J	0.56	J	143.5		MS
IRON, DISSOLVED	5.4	U	27.	U			P
LEAD, DISSOLVED	0.026	J	0.24	J	823.1		MS
MAGNESIUM, DISSOLVED	6160		6430		4.4		P
MANGANESE, DISSOLVED	47.0		49		4.3		P
MERCURY, DISSOLVED	0.013	U	0.065	U			CV
NICKEL, DISSOLVED	0.427		0.35	J	18.0		MS
POTASSIUM, DISSOLVED	1570		1600	J	1.9		P
SELENIUM, DISSOLVED	0.29	J	0.90	J	210.3		MS
SILVER, DISSOLVED	0.010	U	0.050	U			MS
SODIUM, DISSOLVED	7850		7970		1.5		P
THALLIUM, DISSOLVED	0.012	U	0.060	U			MS
VANADIUM, DISSOLVED	0.24	J	0.50	U	100.0		MS
ZINC, DISSOLVED	1.7	J	3.6	U	100.0		P

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4521-014L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, TOTAL	120	J	100	J	16.7		P
ANTIMONY, TOTAL	0.019	J	0.055	U	100.0		MS
ARSENIC, TOTAL	0.45	U	2.3	U			MS
BARIUM, TOTAL	12.8		13.8	J	7.8		P
BERYLLIUM, TOTAL	0.0067	U	0.034	U			MS
CADMIUM, TOTAL	0.036	J	0.062	J	72.2		MS
CALCIUM, TOTAL	6280		6300		0.3		P
CHROMIUM, TOTAL	0.24	J	0.26	J	8.3		MS
COBALT, TOTAL	0.248		0.27	J	8.9		MS
COPPER, TOTAL	1.71		1.8	J	5.3		MS
IRON, TOTAL	380		386	J	1.6		P
LEAD, TOTAL	0.318		0.34	J	6.9		MS
MAGNESIUM, TOTAL	1360		1370		0.7		P
MANGANESE, TOTAL	41.3		42		1.7		P
MERCURY, TOTAL	0.013	U	0.065	U			CV
NICKEL, TOTAL	0.448		0.50	J	11.6		MS
POTASSIUM, TOTAL	1490		1500	J	0.7		P
SELENIUM, TOTAL	0.20	J	1.2	J	500.0		MS
SILVER, TOTAL	0.014	J	0.050	U	100.0		MS
SODIUM, TOTAL	3470		3540	J	2.0		P
THALLIUM, TOTAL	0.015	J	0.060	U	100.0		MS
VANADIUM, TOTAL	0.33	J	0.96	J	190.9		MS
ZINC, TOTAL	13.7	J	14	J	2.2		P

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** FTA-SW-03-061914L

Matrix: WATER **SDG Name:** WE53-7

Lab Sample ID: SH4521-015L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, DISSOLVED	49	J	75.	U	100.0		P
ANTIMONY, DISSOLVED	0.029	J	0.055	U	100.0		MS
ARSENIC, DISSOLVED	0.45	U	2.3	U			MS
BARIUM, DISSOLVED	11.9		12.3	J	3.4		P
BERYLLIUM, DISSOLVED	0.0067	U	0.034	U			MS
CADMIUM, DISSOLVED	0.025	J	0.052	J	108.0		MS
CALCIUM, DISSOLVED	6660		6480		2.7		P
CHROMIUM, DISSOLVED	0.22	J	0.23	J	4.5		MS
COBALT, DISSOLVED	0.223		0.22	J	1.3		MS
COPPER, DISSOLVED	0.803		0.78	J	2.9		MS
IRON, DISSOLVED	215		180	J	16.3		P
LEAD, DISSOLVED	0.092	J	0.13	J	41.3		MS
MAGNESIUM, DISSOLVED	1410		1370		2.8		P
MANGANESE, DISSOLVED	38.3		38		0.8		P
MERCURY, DISSOLVED	0.013	U	0.065	U			CV
NICKEL, DISSOLVED	0.408		0.39	J	4.4		MS
POTASSIUM, DISSOLVED	1460		1200	J	17.8		P
SELENIUM, DISSOLVED	0.16	J	1.2	J	650.0		MS
SILVER, DISSOLVED	0.010	U	0.050	U			MS
SODIUM, DISSOLVED	3740		3580	J	4.3		P
THALLIUM, DISSOLVED	0.013	J	0.060	U	100.0		MS
VANADIUM, DISSOLVED	0.25	J	0.71	J	184.0		MS
ZINC, DISSOLVED	10.4	J	10	J	3.8		P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 1/30/2013

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.033	CV

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** I

Instrument Name: THERMO ICAP 6500 **Date:** 5/21/2012

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	17.	P
ANTIMONY	8.0	1.6	P
ARSENIC	8.0	1.5	P
BARIUM	5.0	0.31	P
BERYLLIUM	5.0	0.095	P
CADMIUM	5.0	0.074	P
CALCIUM	100	8.7	P
CHROMIUM	10	0.41	P
COBALT	10	0.33	P
COPPER	25	0.80	P
IRON	100	4.0	P
LEAD	5.0	1.0	P
MAGNESIUM	100	7.7	P
MANGANESE	5.0	0.56	P
MOLYBDENUM	10	0.46	P
NICKEL	10	0.60	P
POTASSIUM	1000	64.	P
SELENIUM	10	2.6	P
SILVER	10	0.54	P
SODIUM	1000	33.	P
THALLIUM	15	1.1	P
VANADIUM	10	0.41	P
ZINC	20	0.45	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** J

Instrument Name: AGILENT 7500 ICP-MS **Date:** 6/11/2013

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	60	0.34	MS
ANTIMONY	0.20	0.0058	MS
ARSENIC	1.0	0.41	MS
BARIUM	0.4	0.024	MS
BERYLLIUM	0.20	0.0028	MS
CADMIUM	0.20	0.0045	MS
CALCIUM	20	4.1	MS
CHROMIUM	1.0	0.030	MS
COBALT	0.20	0.0062	MS
COPPER	0.60	0.029	MS
IRON	20	4.7	MS
LEAD	0.20	0.0085	MS
MAGNESIUM	20	0.69	MS
MANGANESE	0.4	0.016	MS
MOLYBDENUM	1.0	0.12	MS
NICKEL	0.40	0.019	MS
POTASSIUM	200	8.2	MS
SELENIUM	1.0	0.64	MS
SILVER	0.20	0.0037	MS
SODIUM	200	3.9	MS
THALLIUM	0.20	0.0027	MS
VANADIUM	1.0	0.15	MS
ZINC	2.0	0.13	MS

LIMITS of DETECTION

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 2/9/2011

Analyte	LOD	Units	M	EPA Prep./Anal. Method
MERCURY	0.10	ug/L	CV	SW846 7470A / SW846 7470A

LIMITS of DETECTION

Lab Name: Katahdin Analytical Services **Instrument Code:** I

Instrument Name: THERMO ICAP 6500 **Date:** 1/19/2011

Analyte	LOD	Units	M	EPA Prep./Anal. Method
ALUMINUM	100.	ug/L	P	SW846 3010A / SW846 6010C
BARIUM	3.0	ug/L	P	SW846 3010A / SW846 6010C
CALCIUM	80.	ug/L	P	SW846 3010A / SW846 6010C
IRON	80.	ug/L	P	SW846 3010A / SW846 6010C
MAGNESIUM	80.	ug/L	P	SW846 3010A / SW846 6010C
MANGANESE	4.0	ug/L	P	SW846 3010A / SW846 6010C
POTASSIUM	500.	ug/L	P	SW846 3010A / SW846 6010C
SODIUM	500.	ug/L	P	SW846 3010A / SW846 6010C
ZINC	10.	ug/L	P	SW846 3010A / SW846 6010C

LIMITS of DETECTION

Lab Name: Katahdin Analytical Services **Instrument Code:** J

Instrument Name: AGILENT 7500 ICP-MS **Date:** 1/25/2011

Analyte	LOD	Units	M	EPA Prep./Anal. Method
ANTIMONY	0.10	ug/L	MS	SW846 3010A / SW846 6020A
ARSENIC	0.80	ug/L	MS	SW846 3010A / SW846 6020A
BERYLLIUM	0.040	ug/L	MS	SW846 3010A / SW846 6020A
CADMIUM	0.040	ug/L	MS	SW846 3010A / SW846 6020A
CHROMIUM	0.80	ug/L	MS	SW846 3010A / SW846 6020A
COBALT	0.060	ug/L	MS	SW846 3010A / SW846 6020A
COPPER	0.40	ug/L	MS	SW846 3010A / SW846 6020A
LEAD	0.10	ug/L	MS	SW846 3010A / SW846 6020A
NICKEL	0.24	ug/L	MS	SW846 3010A / SW846 6020A
SELENIUM	0.60	ug/L	MS	SW846 3010A / SW846 6020A
SILVER	0.080	ug/L	MS	SW846 3010A / SW846 6020A
THALLIUM	0.080	ug/L	MS	SW846 3010A / SW846 6020A
VANADIUM	0.80	ug/L	MS	SW846 3010A / SW846 6020A

METHOD DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 2/9/2011

Analyte	MDL	Units	M	EPA Prep./Anal. Method
MERCURY	0.013	ug/L	CV	SW846 7470A / SW846 7470A

METHOD DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** I

Instrument Name: THERMO ICAP 6500 **Date:** 1/19/2011

Analyte	MDL	Units	M	EPA Prep./Anal. Method
ALUMINUM	15.	ug/L	P	SW846 3010A / SW846 6010C
BARIUM	0.23	ug/L	P	SW846 3010A / SW846 6010C
CALCIUM	11.	ug/L	P	SW846 3010A / SW846 6010C
IRON	5.4	ug/L	P	SW846 3010A / SW846 6010C
MAGNESIUM	7.8	ug/L	P	SW846 3010A / SW846 6010C
MANGANESE	1.1	ug/L	P	SW846 3010A / SW846 6010C
POTASSIUM	41.	ug/L	P	SW846 3010A / SW846 6010C
SODIUM	24.	ug/L	P	SW846 3010A / SW846 6010C
ZINC	0.72	ug/L	P	SW846 3010A / SW846 6010C

METHOD DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** J

Instrument Name: AGILENT 7500 ICP-MS **Date:** 1/25/2011

Analyte	MDL	Units	M	EPA Prep./Anal. Method
ANTIMONY	0.011	ug/L	MS	SW846 3010A / SW846 6020A
ARSENIC	0.45	ug/L	MS	SW846 3010A / SW846 6020A
BERYLLIUM	0.0067	ug/L	MS	SW846 3010A / SW846 6020A
CADMIUM	0.0060	ug/L	MS	SW846 3010A / SW846 6020A
CHROMIUM	0.044	ug/L	MS	SW846 3010A / SW846 6020A
COBALT	0.012	ug/L	MS	SW846 3010A / SW846 6020A
COPPER	0.037	ug/L	MS	SW846 3010A / SW846 6020A
LEAD	0.015	ug/L	MS	SW846 3010A / SW846 6020A
NICKEL	0.030	ug/L	MS	SW846 3010A / SW846 6020A
SELENIUM	0.037	ug/L	MS	SW846 3010A / SW846 6020A
SILVER	0.010	ug/L	MS	SW846 3010A / SW846 6020A
THALLIUM	0.012	ug/L	MS	SW846 3010A / SW846 6020A
VANADIUM	0.10	ug/L	MS	SW846 3010A / SW846 6020A

ICP INTERELEMENT CORRECTION FACTORS

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument Name: THERMO ICAP 6500 **Instrument ID:** I **Date:** 8/21/2013

	Wavelength	Interelement Correction Factors for:												
Analyte	**(nm)**	**Al**	**Ca**	**Fe**	**Mg**	**As**	**Cr**	**Co**	**Cu**	**Mn**	**Mo**	**Ni**	**Ti**	**V**
ALUMINUM	396.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0443000	0.0	0.0	0.0
ANTIMONY	206.83	0.0000170	0.0	0.0000260	0.0	-0.0001490	0.0119000	0.0	0.0	0.0	-0.0013800	-0.0009470	0.0	-0.0006030
ARSENIC	189.04	-0.0000008	0.0	-0.0001510	0.0	0.0	0.0000970	0.0	0.0	0.0	0.0017300	0.0	0.0	0.0
BARIUM	455.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BERYLLIUM	313.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0006860	0.0003880
BORON	208.96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0382000	0.0	0.0	0.0
CADMIUM	226.50	0.0	0.0	0.0000610	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0000800	0.0000910	0.0
CALCIUM	315.89	0.0	0.0	0.0	0.0	0.0	-0.0011000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHROMIUM	267.72	0.0	0.0	0.0000018	0.0	0.0	0.0	0.0	0.0	0.0001110	0.0	0.0	0.0	0.0000720
COBALT	228.62	0.0	0.0	0.0000130	0.0	0.0	-0.0001800	0.0	0.0	0.0	0.0	0.0002140	0.0023400	0.0
COPPER	327.40	0.0000110	0.0	-0.0000055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0027300	0.0003110
GOLD	242.79	0.0000011	0.0	0.0001470	0.0	0.0	0.0	0.0	0.0	-0.0013400	0.0	0.0	0.0	0.0
IRON	259.94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LEAD	220.35	-0.0001230	0.0	0.0000180	0.0	0.0	-0.0005800	0.0000540	-0.0001440	0.0	-0.0012500	0.0002080	0.0000970	0.0
LITHIUM	670.78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MAGNESIUM	202.58	0.0	0.0	0.0000870	0.0	0.0	0.0	0.2003000	0.0	0.0	0.0277000	0.0	0.0007070	0.0
MANGANESE	257.61	0.0000010	0.0	0.0000150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOLYBDENUM	202.03	0.0	0.0	0.0	0.0	0.0	0.0001080	0.0	0.0	0.0	0.0	0.0	0.0	-0.0001920
NICKEL	231.60	0.0	0.0	-0.0000460	0.0	0.0	0.0	-0.0001380	0.0	0.0	0.0011900	0.0	0.0	0.0
POTASSIUM	766.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SELENIUM	196.09	-0.0000100	0.0	-0.0000078	0.0	-0.0001750	0.0	0.0001290	0.0	0.0007680	0.0	0.0	0.0	-0.0002070
SILICON	251.61	0.0	0.0	-0.0001700	0.0	0.0	0.0	0.0	0.0	0.0	0.0116000	0.0	0.0009940	0.0
SILVER	328.07	0.0	0.0	-0.0002090	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.0003990	0.0
SODIUM	589.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STRONTIUM	421.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
THALLIUM	190.86	0.0000066	0.0	0.0000078	0.0	0.0	0.0	0.0024400	-0.0001610	-0.0017000	-0.0000380	0.0	-0.0011200	-0.0011500
TIN	189.99	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TITANIUM	334.90	0.0	0.0	0.0	0.0	0.0	0.0001290	0.0	0.0	0.0	0.0004770	0.0	0.0	0.0
VANADIUM	292.40	0.0	0.0	0.0000180	0.0	0.0	-0.0048000	0.0	0.0	-0.0025100	-0.0084500	0.0	0.0007110	0.0
ZINC	206.20	0.0	0.0	0.0	0.0	0.0	-0.0011400	0.0	0.0	0.0	0.0	0.0	0.0	0.0

FORM XI - IN

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** I

Instrument Name: THERMO ICAP 6500 **Date:** 3/12/2014

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	5.00	500000	P
ANTIMONY	45.00	20000	P
ARSENIC	45.00	20000	P
BARIUM	5.00	20000	P
BERYLLIUM	5.00	20000	P
CADMIUM	45.00	20000	P
CALCIUM	5.00	500000	P
CHROMIUM	10.00	20000	P
COBALT	45.00	20000	P
COPPER	10.00	20000	P
IRON	5.00	250000	P
LEAD	45.00	20000	P
MAGNESIUM	45.00	200000	P
MANGANESE	5.00	20000	P
MOLYBDENUM	45.00	5000	P
NICKEL	10.00	20000	P
POTASSIUM	5.00	300000	P
SELENIUM	45.00	20000	P
SILVER	10.00	2000	P
SODIUM	5.00	200000	P
THALLIUM	45.00	20000	P
VANADIUM	10.00	20000	P
ZINC	45.00	20000	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** J

Instrument Name: AGILENT 7500 ICP-MS **Date:** 1/23/2014

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	0.01	200000	MS
ANTIMONY	0.10	1000	MS
ARSENIC	0.30	1000	MS
BARIUM	0.10	1000	MS
BERYLLIUM	0.30	100	MS
CADMIUM	0.10	1000	MS
CALCIUM	0.03	200000	MS
CHROMIUM	0.10	1000	MS
COBALT	0.10	1000	MS
COPPER	0.10	1000	MS
IRON	0.03	100000	MS
LEAD	0.10	1000	MS
MAGNESIUM	0.05	200000	MS
MANGANESE	0.10	1000	MS
MOLYBDENUM	0.10	1000	MS
NICKEL	0.10	1000	MS
POTASSIUM	0.01	200000	MS
SELENIUM	0.30	1000	MS
SILVER	0.10	500	MS
SODIUM	0.01	200000	MS
THALLIUM	0.10	1000	MS
VANADIUM	0.10	1000	MS
ZINC	0.10	1000	MS

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF20ICW2

Matrix: WATER **SDG Name:** WE53-7

Method: P **Prep Date:** 06/20/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF20ICW2	LCSWHF20ICW2	0.05	0.05	
PBWHF20ICW2	PBWHF20ICW2	0.05	0.05	
FTA-MW-9-061714	SH4401-002	0.05	0.05	K
FTA-MW-9-061714	SH4401-003	0.05	0.05	A
FTA-MW-10-061714	SH4401-004	0.05	0.05	K
FTA-MW-10-061714	SH4401-005	0.05	0.05	A
FTA-MW-11-061714	SH4401-006	0.05	0.05	K
FTA-MW-11-061714	SH4401-007	0.05	0.05	A
FTA-MW-11-061714P	SH4401-007P	0.05	0.05	A
FTA-MW-11-061714S	SH4401-007S	0.05	0.05	A
FTA-MW-12-061714	SH4401-008	0.05	0.05	K
FTA-MW-12-061714	SH4401-009	0.05	0.05	A
FTA-MW-5-061814	SH4401-010	0.05	0.05	K
FTA-MW-5-061814	SH4401-011	0.05	0.05	A
FTA-MW-203-061814	SH4401-012	0.05	0.05	K
FTA-MW-203-061814	SH4401-013	0.05	0.05	A
FTA-GW-DUP01-061814	SH4401-014	0.05	0.05	K
FTA-GW-DUP01-061814	SH4401-015	0.05	0.05	A
FTA-MW-218-061814	SH4401-016	0.05	0.05	K
FTA-MW-218-061814	SH4401-017	0.05	0.05	A
FTA-MW-206-061814	SH4401-018	0.05	0.05	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF20IMW2

Matrix: WATER **SDG Name:** WE53-7

Method: MS **Prep Date:** 06/20/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF20IMW2	LCSWHF20IMW2	0.05	0.05	
PBWHF20IMW2	PBWHF20IMW2	0.05	0.05	
FTA-MW-9-061714	SH4401-002	0.05	0.05	K
FTA-MW-9-061714	SH4401-003	0.05	0.05	A
FTA-MW-10-061714	SH4401-004	0.05	0.05	K
FTA-MW-10-061714	SH4401-005	0.05	0.05	A
FTA-MW-11-061714	SH4401-006	0.05	0.05	K
FTA-MW-11-061714	SH4401-007	0.05	0.05	A
FTA-MW-11-061714P	SH4401-007P	0.05	0.05	A
FTA-MW-11-061714S	SH4401-007S	0.05	0.05	A
FTA-MW-12-061714	SH4401-008	0.05	0.05	K
FTA-MW-12-061714	SH4401-009	0.05	0.05	A
FTA-MW-5-061814	SH4401-010	0.05	0.05	K
FTA-MW-5-061814	SH4401-011	0.05	0.05	A
FTA-MW-203-061814	SH4401-012	0.05	0.05	K
FTA-MW-203-061814	SH4401-013	0.05	0.05	A
FTA-GW-DUP01-061814	SH4401-014	0.05	0.05	K
FTA-GW-DUP01-061814	SH4401-015	0.05	0.05	A
FTA-MW-218-061814	SH4401-016	0.05	0.05	K
FTA-MW-218-061814	SH4401-017	0.05	0.05	A
FTA-MW-206-061814	SH4401-018	0.05	0.05	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF23ICW2

Matrix: WATER **SDG Name:** WE53-7

Method: P **Prep Date:** 06/23/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF23ICW2	LCSWHF23ICW2	0.05	0.05	
PBWHF23ICW2	PBWHF23ICW2	0.05	0.05	
FTA-MW-206-061814	SH4401-019	0.05	0.05	A
FTA-MW-206-061814P	SH4401-019P	0.05	0.05	A
FTA-MW-206-061814S	SH4401-019S	0.05	0.05	A
FTA-MW-14-061714	SH4401-020	0.05	0.05	K
FTA-MW-14-061714	SH4401-021	0.05	0.05	A

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF23IMW2

Matrix: WATER **SDG Name:** WE53-7

Method: MS **Prep Date:** 06/23/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF23IMW2	LCSWHF23IMW2	0.05	0.05	
PBWHF23IMW2	PBWHF23IMW2	0.05	0.05	
FTA-MW-206-061814	SH4401-019	0.05	0.05	A
FTA-MW-206-061814P	SH4401-019P	0.05	0.05	A
FTA-MW-206-061814S	SH4401-019S	0.05	0.05	A
FTA-MW-14-061714	SH4401-020	0.05	0.05	K
FTA-MW-14-061714	SH4401-021	0.05	0.05	A

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF24ICW1

Matrix: WATER **SDG Name:** WE53-7

Method: P **Prep Date:** 06/24/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF24ICW1	LCSWHF24ICW1	0.05	0.05	
PBWHF24ICW1	PBWHF24ICW1	0.05	0.05	
FTA-MW-208-061814	SH4521-002	0.05	0.05	K
FTA-MW-208-061814	SH4521-003	0.05	0.05	A
FTA-MW-1-061814	SH4521-004	0.05	0.05	K
FTA-MW-1-061814	SH4521-005	0.05	0.05	A
FTA-GW-DUP02-061814	SH4521-006	0.05	0.05	K
FTA-GW-DUP02-061814	SH4521-007	0.05	0.05	A
FTA-MW-210-061814	SH4521-009	0.05	0.05	B
FTA-MW-210-061814P	SH4521-009P	0.05	0.05	B
FTA-MW-210-061814S	SH4521-009S	0.05	0.05	B
FTA-SW-01-061914	SH4521-010	0.05	0.05	K
FTA-SW-01-061914	SH4521-011	0.05	0.05	A
FTA-SW-02-061914	SH4521-012	0.05	0.05	K
FTA-SW-02-061914	SH4521-013	0.05	0.05	A
FTA-SW-03-061914	SH4521-014	0.05	0.05	E1
FTA-SW-03-061914P	SH4521-014P	0.05	0.05	E1
FTA-SW-03-061914S	SH4521-014S	0.05	0.05	E1
FTA-SW-06-061914	SH4521-016	0.05	0.05	K
FTA-SW-06-061914	SH4521-017	0.05	0.05	A
FTA-SW-07-061914	SH4521-018	0.05	0.05	K
FTA-SW-07-061914	SH4521-019	0.05	0.05	A
FTA-SW-08-061914	SH4521-020	0.05	0.05	K
FTA-SD-RB01-062014	SH4521-024	0.05	0.05	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF24ICW2

Matrix: WATER **SDG Name:** WE53-7

Method: P **Prep Date:** 06/24/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF24ICW2	LCSWHF24ICW2	0.05	0.05	
PBWHF24ICW2	PBWHF24ICW2	0.05	0.05	
FTA-MW-210-061814	SH4521-008	0.05	0.05	F1
FTA-MW-210-061814P	SH4521-008P	0.05	0.05	F1
FTA-MW-210-061814S	SH4521-008S	0.05	0.05	F1
FTA-SW-03-061914	SH4521-015	0.05	0.05	A
FTA-SW-03-061914P	SH4521-015P	0.05	0.05	A
FTA-SW-03-061914S	SH4521-015S	0.05	0.05	A
FTA-SW-08-061914	SH4521-021	0.05	0.05	A
FTA-SW-DUP01-061914	SH4521-022	0.05	0.05	K
FTA-SW-DUP01-061914	SH4521-023	0.05	0.05	A

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF24IMW1

Matrix: WATER **SDG Name:** WE53-7

Method: MS **Prep Date:** 06/24/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF24IMW1	LCSWHF24IMW1	0.05	0.05	
PBWHF24IMW1	PBWHF24IMW1	0.05	0.05	
FTA-MW-208-061814	SH4521-002	0.05	0.05	K
FTA-MW-208-061814	SH4521-003	0.05	0.05	A
FTA-MW-1-061814	SH4521-004	0.05	0.05	K
FTA-MW-1-061814	SH4521-005	0.05	0.05	A
FTA-GW-DUP02-061814	SH4521-006	0.05	0.05	K
FTA-GW-DUP02-061814	SH4521-007	0.05	0.05	A
FTA-MW-210-061814	SH4521-009	0.05	0.05	B
FTA-MW-210-061814P	SH4521-009P	0.05	0.05	B
FTA-MW-210-061814S	SH4521-009S	0.05	0.05	B
FTA-SW-01-061914	SH4521-010	0.05	0.05	K
FTA-SW-01-061914	SH4521-011	0.05	0.05	A
FTA-SW-02-061914	SH4521-012	0.05	0.05	K
FTA-SW-02-061914	SH4521-013	0.05	0.05	A
FTA-SW-03-061914	SH4521-014	0.05	0.05	E1
FTA-SW-03-061914P	SH4521-014P	0.05	0.05	E1
FTA-SW-03-061914S	SH4521-014S	0.05	0.05	E1
FTA-SW-06-061914	SH4521-016	0.05	0.05	K
FTA-SW-06-061914	SH4521-017	0.05	0.05	A
FTA-SW-07-061914	SH4521-018	0.05	0.05	K
FTA-SW-07-061914	SH4521-019	0.05	0.05	A
FTA-SW-08-061914	SH4521-020	0.05	0.05	K
FTA-SD-RB01-062014	SH4521-024	0.05	0.05	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF24IMW2

Matrix: WATER **SDG Name:** WE53-7

Method: MS **Prep Date:** 06/24/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF24IMW2	LCSWHF24IMW2	0.05	0.05	
PBWHF24IMW2	PBWHF24IMW2	0.05	0.05	
FTA-MW-210-061814	SH4521-008	0.05	0.05	F1
FTA-MW-210-061814P	SH4521-008P	0.05	0.05	F1
FTA-MW-210-061814S	SH4521-008S	0.05	0.05	F1
FTA-SW-03-061914	SH4521-015	0.05	0.05	A
FTA-SW-03-061914P	SH4521-015P	0.05	0.05	A
FTA-SW-03-061914S	SH4521-015S	0.05	0.05	A
FTA-SW-08-061914	SH4521-021	0.05	0.05	A
FTA-SW-DUP01-061914	SH4521-022	0.05	0.05	K
FTA-SW-DUP01-061914	SH4521-023	0.05	0.05	A

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF26HGW3

Matrix: WATER **SDG Name:** WE53-7

Method: CV **Prep Date:** 06/26/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF26HGW3	LCSWHF26HGW3	0.025	0.025	
PBWHF26HGW3	PBWHF26HGW3	0.025	0.025	
FTA-MW-9-061714	SH4401-002	0.025	0.025	K
FTA-MW-10-061714	SH4401-004	0.025	0.025	
FTA-MW-11-061714	SH4401-006	0.025	0.025	K
FTA-MW-12-061714	SH4401-008	0.025	0.025	K
FTA-MW-5-061814	SH4401-010	0.025	0.025	K
FTA-MW-203-061814	SH4401-012	0.025	0.025	K
FTA-GW-DUP01-061814	SH4401-014	0.025	0.025	K
FTA-MW-218-061814	SH4401-016	0.025	0.025	K
FTA-MW-206-061814	SH4401-018	0.025	0.025	K
FTA-MW-14-061714	SH4401-020	0.025	0.025	K
FTA-MW-208-061814	SH4521-002	0.025	0.025	M
FTA-MW-1-061814	SH4521-004	0.025	0.025	M
FTA-GW-DUP02-061814	SH4521-006	0.025	0.025	K
FTA-MW-210-061814	SH4521-008	0.025	0.025	E1
FTA-MW-210-061814P	SH4521-008P	0.025	0.025	E1
FTA-MW-210-061814S	SH4521-008S	0.025	0.025	E1
FTA-SW-01-061914	SH4521-010	0.025	0.025	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF29HGW2

Matrix: WATER **SDG Name:** WE53-7

Method: CV **Prep Date:** 06/29/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF29HGW2	LCSWHF29HGW2	0.025	0.025	
PBWHF29HGW2	PBWHF29HGW2	0.025	0.025	
FTA-MW-210-061814D	SH4521-008D	0.025	0.025	E1
FTA-SW-02-061914	SH4521-012	0.025	0.025	K
FTA-SW-03-061914	SH4521-014	0.025	0.025	E1
FTA-SW-03-061914D	SH4521-014D	0.025	0.025	E1
FTA-SW-03-061914S	SH4521-014S	0.025	0.025	E1
FTA-SW-06-061914	SH4521-016	0.025	0.025	K
FTA-SW-07-061914	SH4521-018	0.025	0.025	K
FTA-SW-08-061914	SH4521-020	0.025	0.025	K
FTA-SW-08-061914	SH4521-021	0.025	0.025	A
FTA-SW-DUP01-061914	SH4521-023	0.025	0.025	A

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HF29HGW3

Matrix: WATER **SDG Name:** WE53-7

Method: CV **Prep Date:** 06/29/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHF29HGW3	LCSWHF29HGW3	0.025	0.025	
PBWHF29HGW3	PBWHF29HGW3	0.025	0.025	
FTA-MW-9-061714	SH4401-003	0.025	0.025	A
FTA-MW-10-061714	SH4401-005	0.025	0.025	A
FTA-MW-11-061714	SH4401-007	0.025	0.025	A
FTA-MW-12-061714	SH4401-009	0.025	0.025	A
FTA-MW-5-061814	SH4401-011	0.025	0.025	A
FTA-MW-203-061814	SH4401-013	0.025	0.025	A
FTA-GW-DUP01-061814	SH4401-015	0.025	0.025	A
FTA-MW-218-061814	SH4401-017	0.025	0.025	A
FTA-MW-206-061814	SH4401-019	0.025	0.025	A
FTA-MW-14-061714	SH4401-021	0.025	0.025	A
FTA-MW-208-061814	SH4521-003	0.025	0.025	A
FTA-MW-1-061814	SH4521-005	0.025	0.025	A
FTA-GW-DUP02-061814	SH4521-007	0.025	0.025	A
FTA-MW-210-061814	SH4521-009	0.025	0.025	B
FTA-MW-210-061814D	SH4521-009D	0.025	0.025	B
FTA-MW-210-061814S	SH4521-009S	0.025	0.025	B
FTA-SW-01-061914	SH4521-011	0.025	0.025	A
FTA-SW-02-061914	SH4521-013	0.025	0.025	A
FTA-SW-03-061914	SH4521-015	0.025	0.025	A
FTA-SW-03-061914D	SH4521-015D	0.025	0.025	A
FTA-SW-03-061914S	SH4521-015S	0.025	0.025	A
FTA-SW-06-061914	SH4521-017	0.025	0.025	A
FTA-SW-DUP01-061914	SH4521-022	0.025	0.025	K
FTA-SD-RB01-062014	SH4521-024	0.025	0.025	K

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** HG03HGW2

Matrix: WATER **SDG Name:** WE53-7

Method: CV **Prep Date:** 07/03/2014

Client ID	Lab Sample ID	Initial (L)	Final (L)	Bottle ID
LCSWHG03HGW2	LCSWHG03HGW2	0.025	0.025	
PBWHG03HGW2	PBWHG03HGW2	0.025	0.025	
FTA-SW-07-061914	SH4521-019	0.025	0.025	A

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF27B

Date: 6/27/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	14:40	Hg
Standard #1 (0.2 ppb		1	14:43	Hg
Standard #2 (0.5 ppb		1	14:45	Hg
Standard #3 (1.0 ppb		1	14:47	Hg
Standard #4 (5.0 ppb		1	14:49	Hg
Standard #5 (10.0 pp		1	14:51	Hg
ICV		1	14:55	HG
ICB		1	14:57	HG
PQL		1	15:02	HG
CCV		1	15:04	HG
CCB		1	15:06	HG
ZZZZZZ		1	15:08	
ZZZZZZ		5	15:10	
ZZZZZZ		1	15:12	
ZZZZZZ		1	15:14	
ZZZZZZ		1	15:17	
ZZZZZZ		1	15:19	
ZZZZZZ		1	15:21	
ZZZZZZ		1	15:23	
ZZZZZZ		1	15:25	
CCV		1	15:27	HG
CCB		1	15:29	HG
ZZZZZZ		1	15:31	
ZZZZZZ		1	15:34	
ZZZZZZ		1	15:36	
ZZZZZZ		1	15:38	
ZZZZZZ		1	15:40	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF27B

Date: 6/27/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	15:42	
ZZZZZZ		1	15:44	
ZZZZZZ		1	15:46	
ZZZZZZ		1	15:48	
ZZZZZZ		1	15:51	
CCV		1	15:53	HG
CCB		1	15:55	HG
ZZZZZZ		1	15:57	
ZZZZZZ		1	15:59	
ZZZZZZ		1	16:01	
ZZZZZZ		1	16:03	
ZZZZZZ		1	16:05	
ZZZZZZ		1	16:08	
ZZZZZZ		1	16:10	
ZZZZZZ		1	16:12	
ZZZZZZ		5	16:14	
ZZZZZZ		1	16:16	
CCV		1	16:18	HG
CCB		1	16:20	HG
ZZZZZZ		1	16:23	
ZZZZZZ		1	16:25	
ZZZZZZ		1	16:27	
LCSWHF26HGW3		1	16:29	HG
PBWHF26HGW3		1	16:31	HG
ZZZZZZ		1	16:33	
ZZZZZZ		1	16:35	
ZZZZZZ		1	16:38	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF27B

Date: 6/27/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	16:40	
ZZZZZZ		1	16:42	
CCV		1	16:44	HG
CCB		1	16:46	HG
SH4401-002	FTA-MW-9-061714	1	16:48	HG
SH4401-004	FTA-MW-10-061714	1	16:50	HG
SH4401-006	FTA-MW-11-061714	1	16:53	HG
SH4401-008	FTA-MW-12-061714	1	16:55	HG
SH4401-010	FTA-MW-5-061814	1	16:57	HG
SH4401-012	FTA-MW-203-061814	1	16:59	HG
SH4401-014	FTA-GW-DUP01-061814	1	17:01	HG
SH4401-016	FTA-MW-218-061814	1	17:03	HG
SH4401-018	FTA-MW-206-061814	1	17:06	HG
SH4401-020	FTA-MW-14-061714	1	17:08	HG
CCV		1	17:10	HG
CCB		1	17:12	HG
SH4521-002	FTA-MW-208-061814	1	17:14	HG
SH4521-004	FTA-MW-1-061814	1	17:16	HG
SH4521-006	FTA-GW-DUP02-061814	1	17:19	HG
SH4521-008	FTA-MW-210-061814	1	17:21	HG
SH4521-008L	FTA-MW-210-061814L	5	17:23	HG
SH4521-008A	FTA-MW-210-061814A	1	17:25	HG
SH4521-008P	FTA-MW-210-061814P	1	17:27	HG
SH4521-008S	FTA-MW-210-061814S	1	17:29	HG
SH4521-010	FTA-SW-01-061914	1	17:32	HG
CCV		1	17:34	HG
CCB		1	17:36	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF30A

Date: 6/30/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	11:25	Hg
Standard #1 (0.2 ppb		1	11:27	Hg
Standard #2 (0.5 ppb		1	11:29	Hg
Standard #3 (1.0 ppb		1	11:31	Hg
Standard #4 (5.0 ppb		1	11:33	Hg
Standard #5 (10.0 pp		1	11:36	Hg
ICV		1	11:38	HG
ICB		1	11:40	HG
PQL		1	11:42	HG
CCV		1	11:44	HG
CCB		1	11:46	HG
ZZZZZZ		1	11:48	
ZZZZZZ		1	11:50	
ZZZZZZ		1	11:52	
ZZZZZZ		1	11:55	
LCSWHF29HGW2		1	11:57	HG
PBWHF29HGW2		1	11:59	HG
SH4521-008D	FTA-MW-210-061814D	1	12:01	HG
SH4521-012	FTA-SW-02-061914	1	12:03	HG
SH4521-014	FTA-SW-03-061914	1	12:05	HG
CCV		1	12:07	HG
CCB		1	12:09	HG
SH4521-014L	FTA-SW-03-061914L	5	12:11	HG
SH4521-014A	FTA-SW-03-061914A	1	12:14	HG
SH4521-014D	FTA-SW-03-061914D	1	12:16	HG
SH4521-014S	FTA-SW-03-061914S	1	12:18	HG
SH4521-016	FTA-SW-06-061914	1	12:20	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF30A

Date: 6/30/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
SH4521-018	FTA-SW-07-061914	1	12:22	HG
SH4521-020	FTA-SW-08-061914	1	12:24	HG
SH4521-021	FTA-SW-08-061914	1	12:26	HG
SH4521-023	FTA-SW-DUP01-061914	1	12:28	HG
ZZZZZZ		1	12:31	
CCV		1	12:33	HG
CCB		1	12:35	HG
ZZZZZZ		1	12:37	
ZZZZZZ		1	12:39	
ZZZZZZ		1	12:41	
ZZZZZZ		1	12:43	
ZZZZZZ		1	12:46	
ZZZZZZ		1	12:49	
LCSWHF29HGW3		1	12:59	HG
PBWHF29HGW3		1	13:05	HG
SH4401-003	FTA-MW-9-061714	1	13:07	HG
SH4401-005	FTA-MW-10-061714	1	13:09	HG
CCV		1	13:12	HG
CCB		1	13:14	HG
SH4401-007	FTA-MW-11-061714	1	13:16	HG
SH4401-009	FTA-MW-12-061714	1	13:18	HG
SH4401-011	FTA-MW-5-061814	1	13:20	HG
SH4401-013	FTA-MW-203-061814	1	13:22	HG
SH4401-015	FTA-GW-DUP01-061814	1	13:24	HG
SH4401-019	FTA-MW-206-061814	1	13:27	HG
SH4401-021	FTA-MW-14-061714	1	13:29	HG
SH4521-003	FTA-MW-208-061814	1	13:31	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF30A

Date: 6/30/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
SH4521-005	FTA-MW-1-061814	1	13:33	HG
SH4521-007	FTA-GW-DUP02-061814	1	13:35	HG
CCV		1	13:37	HG
CCB		1	13:39	HG
SH4521-009	FTA-MW-210-061814	1	13:42	HG
SH4521-009L	FTA-MW-210-061814L	5	13:44	HG
SH4521-009A	FTA-MW-210-061814A	1	13:46	HG
SH4521-009D	FTA-MW-210-061814D	1	13:48	HG
SH4521-009S	FTA-MW-210-061814S	1	13:50	HG
SH4521-011	FTA-SW-01-061914	1	13:52	HG
SH4521-013	FTA-SW-02-061914	1	13:55	HG
SH4521-015	FTA-SW-03-061914	1	13:57	HG
SH4521-015L	FTA-SW-03-061914L	5	13:59	HG
SH4521-015A	FTA-SW-03-061914A	1	14:01	HG
CCV		1	14:03	HG
CCB		1	14:08	HG
SH4521-015D	FTA-SW-03-061914D	1	14:10	HG
SH4521-015S	FTA-SW-03-061914S	1	14:12	HG
SH4521-017	FTA-SW-06-061914	1	14:15	HG
SH4521-022	FTA-SW-DUP01-061914	1	14:17	HG
SH4521-024	FTA-SD-RB01-062014	1	14:19	HG
SH4401-017	FTA-MW-218-061814	1	14:21	HG
ZZZZZZ		1	14:23	
ZZZZZZ		1	14:25	
ZZZZZZ		5	14:28	
ZZZZZZ		40	14:30	
CCV		1	14:34	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHF30A

Date: 6/30/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
CCB		1	14:36	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHG04A

Date: 7/4/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	12:42	Hg
Standard #1 (0.2 ppb		1	12:44	Hg
Standard #2 (0.5 ppb		1	12:46	Hg
Standard #3 (1.0 ppb		1	12:48	Hg
Standard #4 (5.0 ppb		1	12:50	Hg
Standard #5 (10.0 pp		1	12:53	Hg
ICV		1	12:55	HG
ICB		1	12:57	HG
PQL		1	12:59	HG
CCV		1	13:01	HG
CCB		1	13:03	HG
ZZZZZZ		1	13:05	
ZZZZZZ		1	13:07	
ZZZZZZ		1	13:09	
ZZZZZZ		1	13:12	
ZZZZZZ		1	13:14	
ZZZZZZ		5	13:16	
ZZZZZZ		1	13:18	
ZZZZZZ		1	13:20	
ZZZZZZ		1	13:22	
CCV		1	13:24	HG
CCB		1	13:26	HG
ZZZZZZ		1	13:28	
ZZZZZZ		1	13:31	
ZZZZZZ		1	13:33	
ZZZZZZ		1	13:35	
ZZZZZZ		1	13:37	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHG04A

Date: 7/4/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	13:39	
LCSWHG03HGW2		1	13:41	HG
PBWHG03HGW2		1	13:43	HG
ZZZZZZ		1	13:46	
ZZZZZZ		1	13:48	
CCV		1	13:50	HG
CCB		1	13:52	HG
ZZZZZZ		1	13:54	
ZZZZZZ		1	13:56	
ZZZZZZ		1	13:58	
ZZZZZZ		1	14:00	
ZZZZZZ		1	14:03	
ZZZZZZ		5	14:05	
ZZZZZZ		1	14:07	
ZZZZZZ		1	14:09	
ZZZZZZ		1	14:11	
ZZZZZZ		1	14:13	
CCV		1	14:15	HG
CCB		1	14:17	HG
ZZZZZZ		1	14:20	
ZZZZZZ		1	14:22	
SH4521-019	FTA-SW-07-061914	1	14:24	HG
ZZZZZZ		1	14:26	
ZZZZZZ		1	14:28	
ZZZZZZ		1	14:30	
ZZZZZZ		1	14:33	
ZZZZZZ		1	14:35	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: CETAC M6100 **File Name:** HHG04A

Date: 7/4/2014 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	14:37	
ZZZZZZ		1	14:39	
CCV		1	14:41	HG
CCB		1	14:43	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF23B

Date: 6/23/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
Blank		1	18:26	AL	BA	CA	FE	MG MN	K	NA	ZN
Std 1		1	18:31	AL	BA	CA	FE	MG MN	K	NA	ZN
ICV		1	18:35	AL	BA	CA	FE	MG MN	K	NA	ZN
ICB		1	18:40	AL	BA	CA	FE	MG MN	K	NA	ZN
PQL		1	18:44	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	18:49								
ZZZZZZ		1	18:54								
ICSA		1	19:03	AL	BA	CA	FE	MG MN	K	NA	ZN
ICSAB		1	19:08	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	19:12	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	19:17	AL	BA	CA	FE	MG MN	K	NA	ZN
PBWHF20ICW2		1	19:21	AL	BA	CA	FE	MG MN	K	NA	ZN
LCSWHF20ICW2		1	19:26	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-002	FTA-MW-9-061714	1	19:31	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-003	FTA-MW-9-061714	1	19:35	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-004	FTA-MW-10-061714	1	19:40	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-005	FTA-MW-10-061714	1	19:45	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-006	FTA-MW-11-061714	1	19:49	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-007	FTA-MW-11-061714	1	19:54	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-007L	FTA-MW-11-061714L	5	19:59	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-007A	FTA-MW-11-061714A	1	20:03	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	20:08	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	20:12	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-007S	FTA-MW-11-061714S	1	20:17	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-007P	FTA-MW-11-061714P	1	20:21	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-008	FTA-MW-12-061714	1	20:26	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-009	FTA-MW-12-061714	1	20:31	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF23B

Date: 6/23/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
SH4401-010	FTA-MW-5-061814	1	20:35	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-011	FTA-MW-5-061814	1	20:40	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-012	FTA-MW-203-061814	1	20:45	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-013	FTA-MW-203-061814	1	20:49	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-014	FTA-GW-DUP01-061814	1	20:54	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-015	FTA-GW-DUP01-061814	1	20:59	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	21:03	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	21:08	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-016	FTA-MW-218-061814	1	21:12	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-017	FTA-MW-218-061814	1	21:17	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4401-018	FTA-MW-206-061814	1	21:22	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	21:26								
ZZZZZZ		1	21:31								
ZZZZZZ		1	21:36								
ZZZZZZ		1	21:40								
ZZZZZZ		1	21:45								
ZZZZZZ		1	21:49								
ZZZZZZ		1	21:54								
CCV		1	21:58	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	22:03	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF26A

Date: 6/26/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
Blank		1	13:16	AL	BA	CA	FE	MG MN	K	NA	ZN
Std 1		1	13:21	AL	BA	CA	FE	MG MN	K	NA	ZN
ICV		1	13:25	AL	BA	CA	FE	MG MN	K	NA	ZN
ICB		1	13:30	AL	BA	CA	FE	MG MN	K	NA	ZN
PQL		1	13:34	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	13:39								
ZZZZZZ		1	13:44								
ICSA		1	13:53	AL	BA	CA	FE	MG MN	K	NA	ZN
ICSAB		1	13:58	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	14:02	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	14:06	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	14:11								
ZZZZZZ		1	14:16								
ZZZZZZ		1	14:20								
ZZZZZZ		25	14:25								
ZZZZZZ		25	14:30								
ZZZZZZ		10	14:34								
ZZZZZZ		50	14:39								
ZZZZZZ		100	14:44								
CCV		1	14:48	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	14:53	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	14:57	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	15:02	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	15:07								
ZZZZZZ		100	15:11								
ZZZZZZ		1	15:16								
ZZZZZZ		1	15:21								

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF26A

Date: 6/26/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
ZZZZZZ		1	15:25								
ZZZZZZ		5	15:30								
ZZZZZZ		1	15:34								
ZZZZZZ		1	15:39								
ZZZZZZ		1	15:44								
ZZZZZZ		1	15:48								
CCV		1	15:53	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	15:57	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	16:02								
ZZZZZZ		1	16:07								
ZZZZZZ		1	16:11								
ZZZZZZ		1	16:16								
ZZZZZZ		1	16:20								
ZZZZZZ		1	16:25								
ZZZZZZ		1	16:30								
ZZZZZZ		1	16:34								
ZZZZZZ		1	16:39								
ZZZZZZ		1	16:44								
CCV		1	16:48	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	16:53	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		5	16:57								
ZZZZZZ		1	17:02								
ZZZZZZ		1	17:07								
ZZZZZZ		1	17:11								
ZZZZZZ		1	17:16								
ZZZZZZ		1	17:20								
ZZZZZZ		1	17:25								

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF26A

Date: 6/26/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
ZZZZZZ		1	17:30								
ZZZZZZ		1	17:34								
ZZZZZZ		1	17:39								
CCV		1	17:43	AL	BA	CA	FE	MG	MN	K	NA	ZN
CCB		1	17:48	AL	BA	CA	FE	MG	MN	K	NA	ZN
ZZZZZZ		5	17:53								
ZZZZZZ		1	17:57								
ZZZZZZ		1	18:02								
ZZZZZZ		1	18:06								
ZZZZZZ		1	18:11								
ZZZZZZ		1	18:16								
ZZZZZZ		1	18:20								
SH4401-019	FTA-MW-206-061814	1	18:25	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-019L	FTA-MW-206-061814L	5	18:30	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-019A	FTA-MW-206-061814A	1	18:34	AL	BA	CA	FE	MG	MN	K	NA	ZN
CCV		1	18:39	AL	BA	CA	FE	MG	MN	K	NA	ZN
CCB		1	18:43	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-019S	FTA-MW-206-061814S	1	18:48	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-019P	FTA-MW-206-061814P	1	18:53	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-020	FTA-MW-14-061714	1	18:57	AL	BA	CA	FE	MG	MN	K	NA	ZN
SH4401-021	FTA-MW-14-061714	1	19:02	AL	BA	CA	FE	MG	MN	K	NA	ZN
ZZZZZZ		1	19:06								
ZZZZZZ		1	19:11								
ZZZZZZ		3	19:16								
ZZZZZZ		1	19:20								
ZZZZZZ		1	19:25								
ZZZZZZ		2	19:29								

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHF26A

Date: 6/26/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
CCV		1	19:34	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	19:39	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		5	19:43								
ZZZZZZ		10	19:48								
ZZZZZZ		3	19:52								
PBWHF23ICW2		1	19:57	AL	BA	CA	FE	MG MN	K	NA	ZN
LCSWHF23ICW2		1	20:02	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	20:06								
ZZZZZZ		1	20:11								
ZZZZZZ		1	20:15								
ZZZZZZ		1	20:20								
ZZZZZZ		1	20:25								
CCV		1	20:29	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	20:34	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHG02A

Date: 7/2/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
Blank		1	9:48	AL	BA	CA	FE	MG MN	K	NA	ZN
Std 1		1	9:53	AL	BA	CA	FE	MG MN	K	NA	ZN
ICV		1	9:57	AL	BA	CA	FE	MG MN	K	NA	ZN
ICB		1	10:02	AL	BA	CA	FE	MG MN	K	NA	ZN
PQL		1	10:06	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	10:11								
ZZZZZZ		1	10:16								
ICSA		1	10:25	AL	BA	CA	FE	MG MN	K	NA	ZN
ICSAB		1	10:30	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	10:35	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	10:39	AL	BA	CA	FE	MG MN	K	NA	ZN
PBWHF24ICW1		1	10:44	AL	BA	CA	FE	MG MN	K	NA	ZN
LCSWHF24ICW1		1	10:49	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-002	FTA-MW-208-061814	1	10:53	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-003	FTA-MW-208-061814	1	10:58	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-004	FTA-MW-1-061814	1	11:03	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-005	FTA-MW-1-061814	1	11:07	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-006	FTA-GW-DUP02-061814	1	11:12	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-007	FTA-GW-DUP02-061814	1	11:16	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-009	FTA-MW-210-061814	1	11:21	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-009L	FTA-MW-210-061814L	5	11:26	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	11:30	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	11:35	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-009A	FTA-MW-210-061814A	1	11:39	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-009S	FTA-MW-210-061814S	1	11:44	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-009P	FTA-MW-210-061814P	1	11:48	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-010	FTA-SW-01-061914	1	11:53	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHG02A

Date: 7/2/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
SH4521-011	FTA-SW-01-061914	1	11:58	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-012	FTA-SW-02-061914	1	12:02	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-013	FTA-SW-02-061914	1	12:07	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-014	FTA-SW-03-061914	1	12:12	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-014L	FTA-SW-03-061914L	5	12:16	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-014A	FTA-SW-03-061914A	1	12:21	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	12:25	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	12:30	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-014S	FTA-SW-03-061914S	1	12:34	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-014P	FTA-SW-03-061914P	1	12:39	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-016	FTA-SW-06-061914	1	12:43	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-017	FTA-SW-06-061914	1	12:48	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-018	FTA-SW-07-061914	1	12:53	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-019	FTA-SW-07-061914	1	12:57	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-020	FTA-SW-08-061914	1	13:02	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-024	FTA-SD-RB01-062014	1	13:07	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	13:11								
ZZZZZZ		1	13:16								
CCV		1	13:20	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	13:25	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHG02C

Date: 7/2/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
Blank		1	23:42	AL	BA	CA	FE	MG MN	K	NA	ZN
Std 1		1	23:46	AL	BA	CA	FE	MG MN	K	NA	ZN
ICV		1	23:51	AL	BA	CA	FE	MG MN	K	NA	ZN
ICB		1	23:55	AL	BA	CA	FE	MG MN	K	NA	ZN
PQL		1	0:00	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	0:05								
ZZZZZZ		1	0:09								
ICSA		1	0:18	AL	BA	CA	FE	MG MN	K	NA	ZN
ICSAB		1	0:23	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	0:28	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	0:33	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	0:37								
ZZZZZZ		1	0:42								
ZZZZZZ		1	0:47								
ZZZZZZ		50	0:51								
PBWHF24ICW2		1	0:56	AL	BA	CA	FE	MG MN	K	NA	ZN
LCSWHF24ICW2		1	1:00	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	1:05								
ZZZZZZ		1	1:10								
ZZZZZZ		1	1:14								
ZZZZZZ		1	1:19								
CCV		1	1:24	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	1:28	AL	BA	CA	FE	MG MN	K	NA	ZN
ZZZZZZ		1	1:33								
ZZZZZZ		1	1:37								
ZZZZZZ		1	1:42								
ZZZZZZ		1	1:47								

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: THERMO ICAP 6500 **File Name:** IHG02C

Date: 7/3/2014 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
ZZZZZZ		1	1:51								
ZZZZZZ		1	1:56								
ZZZZZZ		1	2:01								
SH4521-008	FTA-MW-210-061814	1	2:05	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-008L	FTA-MW-210-061814L	5	2:10	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-008A	FTA-MW-210-061814A	1	2:14	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	2:19	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	2:23	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-008S	FTA-MW-210-061814S	1	2:28	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-008P	FTA-MW-210-061814P	1	2:33	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-015	FTA-SW-03-061914	1	2:37	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-015L	FTA-SW-03-061914L	5	2:42	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-015A	FTA-SW-03-061914A	1	2:46	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-015S	FTA-SW-03-061914S	1	2:51	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-015P	FTA-SW-03-061914P	1	2:55	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-021	FTA-SW-08-061914	1	3:00	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-022	FTA-SW-DUP01-061914	1	3:05	AL	BA	CA	FE	MG MN	K	NA	ZN
SH4521-023	FTA-SW-DUP01-061914	1	3:09	AL	BA	CA	FE	MG MN	K	NA	ZN
CCV		1	3:14	AL	BA	CA	FE	MG MN	K	NA	ZN
CCB		1	3:18	AL	BA	CA	FE	MG MN	K	NA	ZN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG01A

Date: 7/1/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
6020 Tune		1	13:01	
200.8 Tune		1	13:04	
Cal Blank		1	13:32	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 1		1	13:35	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 2		1	13:39	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 3		1	13:42	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 4		1	13:45	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICV		1	13:48	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICB		1	13:51	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
PQL		1	13:54	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICSA		1	13:57	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICSAB		1	14:01	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		1	14:04	
CCV		1	14:07	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	14:11	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		1	14:14	
ZZZZZZ		5	14:17	
ZZZZZZ		1	14:21	
ZZZZZZ		5	14:24	
ZZZZZZ		5	14:27	
ZZZZZZ		5	14:30	
ZZZZZZ		5	14:34	
ZZZZZZ		5	14:37	
ZZZZZZ		5	14:40	
ZZZZZZ		25	14:44	
CCV		1	14:47	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	14:50	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG01A

Date: 7/1/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		25	14:54	
ZZZZZZ		25	14:57	
ZZZZZZ		25	15:00	
ZZZZZZ		25	15:04	
ZZZZZZ		25	15:07	
ZZZZZZ		125	15:10	
ZZZZZZ		25	15:14	
ZZZZZZ		25	15:17	
ZZZZZZ		25	15:20	
ZZZZZZ		5	15:24	
CCV		1	15:27	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	15:30	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		5	15:34	
ZZZZZZ		5	15:37	
ZZZZZZ		5	15:40	
ZZZZZZ		5	15:44	
ZZZZZZ		5	15:47	
ZZZZZZ		5	15:51	
ZZZZZZ		5	15:55	
ZZZZZZ		5	15:58	
ZZZZZZ		5	16:02	
ZZZZZZ		5	16:05	
CCV		1	16:09	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	16:12	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		5	16:15	
ZZZZZZ		5	16:19	
ZZZZZZ		5	16:23	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG01A

Date: 7/1/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		5	16:26	
ZZZZZZ		5	16:30	
ZZZZZZ		5	16:33	
ZZZZZZ		5	16:37	
ZZZZZZ		5	16:40	
PBWHF20IMW2		5	16:44	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
LCSWHF20IMW2		5	16:47	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	16:51	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	16:54	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
SH4401-002	FTA-MW-9-061714	5	16:58	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-003	FTA-MW-9-061714	5	17:01	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-004	FTA-MW-10-061714	5	17:05	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-005	FTA-MW-10-061714	5	17:08	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-006	FTA-MW-11-061714	5	17:12	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-007	FTA-MW-11-061714	5	17:15	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-007L	FTA-MW-11-061714L	25	17:18	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-007A	FTA-MW-11-061714A	5	17:22	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-007S	FTA-MW-11-061714S	5	17:25	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-007P	FTA-MW-11-061714P	5	17:29	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	17:32	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	17:36	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
SH4401-008	FTA-MW-12-061714	5	17:39	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-009	FTA-MW-12-061714	5	17:43	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-010	FTA-MW-5-061814	5	17:46	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-011	FTA-MW-5-061814	5	17:50	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-012	FTA-MW-203-061814	5	17:53	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-013	FTA-MW-203-061814	5	17:57	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG01A

Date: 7/1/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
SH4401-014	FTA-GW-DUP01-061814	5	18:00	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-015	FTA-GW-DUP01-061814	5	18:03	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-016	FTA-MW-218-061814	5	18:07	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-017	FTA-MW-218-061814	5	18:10	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	18:14	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	18:17	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
SH4401-018	FTA-MW-206-061814	5	18:21	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
PBWHF23IMW2		5	18:24	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
LCSWHF23IMW2		5	18:28	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-019	FTA-MW-206-061814	5	18:31	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-019L	FTA-MW-206-061814L	25	18:35	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-019A	FTA-MW-206-061814A	5	18:38	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-019S	FTA-MW-206-061814S	5	18:42	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-019P	FTA-MW-206-061814P	5	18:45	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-020	FTA-MW-14-061714	5	18:49	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4401-021	FTA-MW-14-061714	5	18:52	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	18:56	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	18:59	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG02A

Date: 7/2/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
6020 Tune		1	14:46	
200.8 Tune		1	14:49	
Cal Blank		1	15:17	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 1		1	15:20	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 2		1	15:23	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 3		1	15:26	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
Cal Std 4		1	15:29	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICV		1	15:33	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICB		1	15:36	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
PQL		1	15:39	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICSA		1	15:42	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ICSAB		1	15:46	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		1	15:49	
CCV		1	15:52	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	15:56	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
ZZZZZZ		1	15:59	
PBWHF24IMW1		5	16:02	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
LCSWHF24IMW1		5	16:06	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-002	FTA-MW-208-061814	5	16:09	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-003	FTA-MW-208-061814	5	16:12	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-004	FTA-MW-1-061814	5	16:15	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-005	FTA-MW-1-061814	5	16:19	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-006	FTA-GW-DUP02-061814	5	16:22	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-007	FTA-GW-DUP02-061814	5	16:25	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-009	FTA-MW-210-061814	5	16:29	Sb As Be Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	16:32	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	16:35	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG02A

Date: 7/2/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
SH4521-009L	FTA-MW-210-061814L	25	16:38	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-009A	FTA-MW-210-061814A	5	16:42	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-009S	FTA-MW-210-061814S	5	16:45	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-009P	FTA-MW-210-061814P	5	16:48	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-010	FTA-SW-01-061914	5	16:52	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-011	FTA-SW-01-061914	5	16:55	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-012	FTA-SW-02-061914	5	16:58	Sb Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-013	FTA-SW-02-061914	5	17:01	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-014	FTA-SW-03-061914	5	17:05	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-014L	FTA-SW-03-061914L	25	17:08	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	17:11	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	17:15	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
SH4521-014A	FTA-SW-03-061914A	5	17:18	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-014S	FTA-SW-03-061914S	5	17:21	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-014P	FTA-SW-03-061914P	5	17:25	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-016	FTA-SW-06-061914	5	17:28	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-017	FTA-SW-06-061914	5	17:31	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-018	FTA-SW-07-061914	5	17:35	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-019	FTA-SW-07-061914	5	17:38	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-020	FTA-SW-08-061914	5	17:42	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-024	FTA-SD-RB01-062014	5	17:45	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
PBWHF24IMW2		5	17:48	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	17:52	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	17:55	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
LCSWHF24IMW2		5	17:58	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-008	FTA-MW-210-061814	5	18:02	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-008L	FTA-MW-210-061814L	25	18:05	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG02A

Date: 7/2/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
SH4521-008A	FTA-MW-210-061814A	5	18:09	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-008S	FTA-MW-210-061814S	5	18:12	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-008P	FTA-MW-210-061814P	5	18:16	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-015	FTA-SW-03-061914	5	18:19	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-015L	FTA-SW-03-061914L	25	18:23	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-015A	FTA-SW-03-061914A	5	18:26	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-015S	FTA-SW-03-061914S	5	18:30	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
CCV		1	18:33	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	18:36	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
SH4521-015P	FTA-SW-03-061914P	5	18:40	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-021	FTA-SW-08-061914	5	18:43	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-022	FTA-SW-DUP01-061914	5	18:47	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
SH4521-023	FTA-SW-DUP01-061914	5	18:50	Sb As Cd Cr Co Cu Pb Ni Se Ag Tl V
ZZZZZZ		5	18:54	
ZZZZZZ		5	18:57	
ZZZZZZ		5	19:00	
ZZZZZZ		5	19:04	
CCV		1	19:07	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V
CCB		1	19:11	Al Sb As Be Cd Ca Cr Co Cu Fe Pb Mg Mo Ni K Se Ag Na Tl V

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG03A

Date: 7/3/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements								
Cal Blank		1	17:33	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 1		1	17:36	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 2		1	17:39	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 3		1	17:42	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 4		1	17:45	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ICV		1	17:48	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ICB		1	17:51	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
PQL		1	17:54	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ICSA		1	17:58	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ICSAB		1	18:01	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		1	18:05									
CCV		1	18:08	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	18:11	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		1	18:14									
SH4401-008	FTA-MW-12-061714	5	18:17			Be						
SH4401-009	FTA-MW-12-061714	5	18:21			Be						
SH4401-010	FTA-MW-5-061814	5	18:24			Be						
SH4401-011	FTA-MW-5-061814	5	18:27			Be						
SH4401-012	FTA-MW-203-061814	5	18:30			Be						
SH4401-013	FTA-MW-203-061814	5	18:34			Be						
SH4401-014	FTA-GW-DUP01-061814	5	18:37			Be						
SH4401-015	FTA-GW-DUP01-061814	5	18:40			Be						
SH4401-016	FTA-MW-218-061814	5	18:43			Be						
CCV		1	18:47	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	18:50	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
SH4401-017	FTA-MW-218-061814	5	18:53			Be						
SH4401-018	FTA-MW-206-061814	5	18:57			Be						

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG03A

Date: 7/3/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements								
PBWHF23IMW2		5	19:00			Be						
LCSWHF23IMW2		5	19:03			Be						
SH4401-019	FTA-MW-206-061814	5	19:06			Be						
SH4401-019L	FTA-MW-206-061814L	25	19:10			Be						
SH4401-019A	FTA-MW-206-061814A	5	19:13			Be						
SH4401-019S	FTA-MW-206-061814S	5	19:16			Be						
SH4401-019P	FTA-MW-206-061814P	5	19:20			Be						
SH4401-020	FTA-MW-14-061714	5	19:23			Be						
CCV		1	19:26	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	19:30	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
SH4401-021	FTA-MW-14-061714	5	19:33			Be						
SH4521-009L	FTA-MW-210-061814L	25	19:36			Be						
SH4521-009A	FTA-MW-210-061814A	5	19:40			Be						
SH4521-009S	FTA-MW-210-061814S	5	19:43			Be						
SH4521-009P	FTA-MW-210-061814P	5	19:46			Be						
SH4521-010	FTA-SW-01-061914	5	19:50			Be						
SH4521-011	FTA-SW-01-061914	5	19:53			Be						
SH4521-012	FTA-SW-02-061914	5	19:57		As	Be						
SH4521-013	FTA-SW-02-061914	5	20:00			Be						
SH4521-014	FTA-SW-03-061914	5	20:04			Be						
CCV		1	20:07	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	20:10	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
SH4521-014L	FTA-SW-03-061914L	25	20:14			Be						
SH4521-014A	FTA-SW-03-061914A	5	20:17			Be						
SH4521-014S	FTA-SW-03-061914S	5	20:20			Be						
SH4521-014P	FTA-SW-03-061914P	5	20:24			Be						
SH4521-016	FTA-SW-06-061914	5	20:27			Be						

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG03A

Date: 7/3/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements								
SH4521-017	FTA-SW-06-061914	5	20:31			Be						
SH4521-018	FTA-SW-07-061914	5	20:34			Be						
SH4521-019	FTA-SW-07-061914	5	20:38			Be						
SH4521-020	FTA-SW-08-061914	5	20:41			Be						
SH4521-024	FTA-SD-RB01-062014	5	20:45			Be						
CCV		1	20:48	Al	As	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	20:52	Al	As	Be	Ca	Fe	Mg	Mo	K	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG05A

Date: 7/5/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements							
6020 Tune		1	13:49								
200.8 Tune		1	13:52								
Cal Blank		1	14:20	Al	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 1		1	14:24	Al	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 2		1	14:27	Al	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 3		1	14:30	Al	Be	Ca	Fe	Mg	Mo	K	Na
Cal Std 4		1	14:33	Al	Be	Ca	Fe	Mg	Mo	K	Na
ICV		1	14:36	Al	Be	Ca	Fe	Mg	Mo	K	Na
ICB		1	14:39	Al	Be	Ca	Fe	Mg	Mo	K	Na
PQL		1	14:42	Al	Be	Ca	Fe	Mg	Mo	K	Na
ICSA		1	14:45	Al	Be	Ca	Fe	Mg	Mo	K	Na
ICSAB		1	14:49	Al	Be	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		1	14:53								
CCV		1	14:56	Al	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	14:59	Al	Be	Ca	Fe	Mg	Mo	K	Na
PBWHF24IMW2		5	15:02		Be						
LCSWHF24IMW2		5	15:05		Be						
SH4521-008	FTA-MW-210-061814	5	15:09		Be						
SH4521-008L	FTA-MW-210-061814L	25	15:12		Be						
SH4521-008A	FTA-MW-210-061814A	5	15:15		Be						
SH4521-008S	FTA-MW-210-061814S	5	15:18		Be						
SH4521-008P	FTA-MW-210-061814P	5	15:22		Be						
SH4521-015	FTA-SW-03-061914	5	15:25		Be						
SH4521-015L	FTA-SW-03-061914L	25	15:28		Be						
SH4521-015A	FTA-SW-03-061914A	5	15:32		Be						
CCV		1	15:35	Al	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	15:38	Al	Be	Ca	Fe	Mg	Mo	K	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WE53-7

Instrument ID: AGILENT 7500 ICP-MS **File Name:** JHG05A

Date: 7/5/2014 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements							
SH4521-015S	FTA-SW-03-061914S	5	15:41		Be						
SH4521-015P	FTA-SW-03-061914P	5	15:45		Be						
SH4521-021	FTA-SW-08-061914	5	15:48		Be						
SH4521-022	FTA-SW-DUP01-061914	5	15:51		Be						
SH4521-023	FTA-SW-DUP01-061914	5	15:54		Be						
ZZZZZZ		5	15:58								
ZZZZZZ		5	16:01								
ZZZZZZ		5	16:04								
ZZZZZZ		5	16:08								
ZZZZZZ		5	16:11								
CCV		1	16:14	Al	Be	Ca	Fe	Mg	Mo	K	Na
CCB		1	16:18	Al	Be	Ca	Fe	Mg	Mo	K	Na

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-2
Client ID: FTA-MW-9-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2947.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	J	0.081	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	JLL	0.12	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-2
Client ID: FTA-MW-9-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2947.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		63.5	%					
Fluorene-D10		70.7	%					
Pyrene-D10		84.9	%					
2,4-Dibromophenol		11.8	%					

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ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH
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Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-4
Client ID: FTA-MW-10-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2948.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.96	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.96	0.27	0.48
Naphthalene	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Hexachlorobutadiene	U	0.096	ug/L	1	.2	0.19	0.084	0.096
2-Methylnaphthalene	U	0.096	ug/L	1	.2	0.19	0.074	0.096
Hexachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.053	0.096
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.96	0.32	0.48
Phenanthrene	U	0.096	ug/L	1	.2	0.19	0.049	0.096
Pyrene	U	0.096	ug/L	1	.2	0.19	0.057	0.096
Benzo(a)anthracene	U	0.096	ug/L	1	.2	0.19	0.044	0.096
Chrysene	ULL	0.096	ug/L	1	.2	0.19	0.035	0.096
Benzo(b)fluoranthene	U	0.096	ug/L	1	.2	0.19	0.086	0.096
Benzo(a)pyrene	U	0.096	ug/L	1	.2	0.19	0.063	0.096
Indeno(1,2,3-cd)pyrene	U	0.096	ug/L	1	.2	0.19	0.050	0.096
Dibenzo(a,h)anthracene	ULL	0.096	ug/L	1	.2	0.19	0.067	0.096
1,1'-Biphenyl	JLL	0.11	ug/L	1	.2	0.19	0.062	0.096
1,2,4,5-Tetrachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.096	0.096
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.12	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.96	0.12	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.96	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.96	0.23	0.48
2,4-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.034	0.096
2,6-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.067	0.096
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.12	0.14
3,3'-Dichlorobenzidine	U	0.096	ug/L	1	.2	0.19	0.054	0.096
4,6-Dinitro-2-Methylphenol	U	0.72	ug/L	1	1	0.96	0.48	0.72
4-Chloroaniline	U	0.48	ug/L	1	1	0.96	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.96	0.42	0.48
4-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Atrazine	U	0.096	ug/L	1	.2	0.19	0.036	0.096
Bis(2-Chloroethyl)Ether	UL	0.096	ug/L	1	.2	0.19	0.039	0.096
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.96	0.48	0.48
Dibenzofuran	U	0.096	ug/L	1	.2	0.19	0.065	0.096
Hexachlorocyclopentadiene	U	0.096	ug/L	1	.2	0.19	0.064	0.096
Hexachloroethane	U	0.096	ug/L	1	.2	0.19	0.070	0.096

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-4
Client ID: FTA-MW-10-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2948.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.096	ug/L	1	.2	0.19	0.069	0.096
3-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.073	0.096
2-Methylnaphthalene-D10		58.1	%					
Fluorene-D10		61.6	%					
Pyrene-D10		86.2	%					
2,4-Dibromophenol		48.8	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-6
Client ID: FTA-MW-11-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2949.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.95	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.95	0.27	0.48
Naphthalene	U	0.095	ug/L	1	.2	0.19	0.061	0.095
Hexachlorobutadiene	U	0.095	ug/L	1	.2	0.19	0.083	0.095
2-Methylnaphthalene	U	0.095	ug/L	1	.2	0.19	0.073	0.095
Hexachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.052	0.095
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.95	0.31	0.48
Phenanthrene	U	0.095	ug/L	1	.2	0.19	0.048	0.095
Pyrene	U	0.095	ug/L	1	.2	0.19	0.056	0.095
Benzo(a)anthracene	U	0.095	ug/L	1	.2	0.19	0.044	0.095
Chrysene	ULL	0.095	ug/L	1	.2	0.19	0.034	0.095
Benzo(b)fluoranthene	U	0.095	ug/L	1	.2	0.19	0.085	0.095
Benzo(a)pyrene	U	0.095	ug/L	1	.2	0.19	0.063	0.095
Indeno(1,2,3-cd)pyrene	U	0.095	ug/L	1	.2	0.19	0.050	0.095
Dibenzo(a,h)anthracene	ULL	0.095	ug/L	1	.2	0.19	0.067	0.095
1,1'-Biphenyl	ULL	0.095	ug/L	1	.2	0.19	0.062	0.095
1,2,4,5-Tetrachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.095	0.095
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.95	0.11	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.95	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.95	0.23	0.48
2,4-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.033	0.095
2,6-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.067	0.095
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.095	ug/L	1	.2	0.19	0.053	0.095
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.95	0.48	0.71
4-Chloroaniline	U	0.48	ug/L	1	1	0.95	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.95	0.42	0.48
4-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.062	0.095
Atrazine	U	0.095	ug/L	1	.2	0.19	0.036	0.095
Bis(2-Chloroethyl)Ether	UL	0.095	ug/L	1	.2	0.19	0.039	0.095
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.95	0.48	0.48
Dibenzofuran	U	0.095	ug/L	1	.2	0.19	0.065	0.095
Hexachlorocyclopentadiene	U	0.095	ug/L	1	.2	0.19	0.064	0.095
Hexachloroethane	U	0.095	ug/L	1	.2	0.19	0.070	0.095

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-6
Client ID: FTA-MW-11-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2949.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.095	ug/L	1	.2	0.19	0.068	0.095
3-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.072	0.095
2-Methylnaphthalene-D10		56.1	%					
Fluorene-D10		52.9	%					
Pyrene-D10		59.5	%					
2,4-Dibromophenol		34.9	%					

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-8
Client ID: FTA-MW-12-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2950.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.53	ug/L	1	1	1.1	0.031	0.53
2-Chlorophenol	U	0.53	ug/L	1	1	1.1	0.30	0.53
Naphthalene	U	0.11	ug/L	1	.2	0.21	0.068	0.11
Hexachlorobutadiene	U	0.11	ug/L	1	.2	0.21	0.092	0.11
2-Methylnaphthalene	U	0.11	ug/L	1	.2	0.21	0.082	0.11
Hexachlorobenzene	U	0.11	ug/L	1	.2	0.21	0.058	0.11
Pentachlorophenol	ULL	0.53	ug/L	1	1	1.1	0.35	0.53
Phenanthrene	U	0.11	ug/L	1	.2	0.21	0.054	0.11
Pyrene	U	0.11	ug/L	1	.2	0.21	0.063	0.11
Benzo(a)anthracene	U	0.11	ug/L	1	.2	0.21	0.049	0.11
Chrysene	ULL	0.11	ug/L	1	.2	0.21	0.038	0.11
Benzo(b)fluoranthene	U	0.11	ug/L	1	.2	0.21	0.095	0.11
Benzo(a)pyrene	U	0.11	ug/L	1	.2	0.21	0.070	0.11
Indeno(1,2,3-cd)pyrene	U	0.11	ug/L	1	.2	0.21	0.055	0.11
Dibenzo(a,h)anthracene	ULL	0.11	ug/L	1	.2	0.21	0.074	0.11
1,1'-Biphenyl	ULL	0.11	ug/L	1	.2	0.21	0.069	0.11
1,2,4,5-Tetrachlorobenzene	U	0.11	ug/L	1	.2	0.21	0.11	0.11
2,2'-Oxybis(1-Chloropropane)	ULL	0.16	ug/L	1	.2	0.21	0.13	0.16
2,4,6-Trichlorophenol	U	0.53	ug/L	1	1	1.1	0.13	0.53
2,4-Dichlorophenol	U	0.53	ug/L	1	1	1.1	0.53	0.53
2,4-Dinitrophenol	U	0.53	ug/L	1	1	1.1	0.26	0.53
2,4-Dinitrotoluene	U	0.11	ug/L	1	.2	0.21	0.037	0.11
2,6-Dinitrotoluene	U	0.11	ug/L	1	.2	0.21	0.074	0.11
2-Nitroaniline	U	0.16	ug/L	1	.2	0.21	0.13	0.16
3,3'-Dichlorobenzidine	U	0.11	ug/L	1	.2	0.21	0.060	0.11
4,6-Dinitro-2-Methylphenol	U	0.80	ug/L	1	1	1.1	0.53	0.80
4-Chloroaniline	U	0.53	ug/L	1	1	1.1	0.53	0.53
3&4-Methylphenol	U	0.53	ug/L	1	1	1.1	0.47	0.53
4-Nitroaniline	U	0.11	ug/L	1	.2	0.21	0.069	0.11
Atrazine	U	0.11	ug/L	1	.2	0.21	0.040	0.11
Bis(2-Chloroethyl)Ether	UL	0.11	ug/L	1	.2	0.21	0.044	0.11
Bis(2-Ethylhexyl)Phthalate	ULL	0.53	ug/L	1	1	1.1	0.53	0.53
Dibenzofuran	U	0.11	ug/L	1	.2	0.21	0.072	0.11
Hexachlorocyclopentadiene	U	0.11	ug/L	1	.2	0.21	0.071	0.11
Hexachloroethane	U	0.11	ug/L	1	.2	0.21	0.078	0.11

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-8
Client ID: FTA-MW-12-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2950.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.16	ug/L	1	.2	0.21	0.14	0.16
N-Nitroso-Di-N-Propylamine	U	0.11	ug/L	1	.2	0.21	0.076	0.11
3-Nitroaniline	U	0.11	ug/L	1	.2	0.21	0.081	0.11
2-Methylnaphthalene-D10		62.4	%					
Fluorene-D10		60.9	%					
Pyrene-D10		88.0	%					
2,4-Dibromophenol		29.4	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-10
Client ID: FTA-MW-5-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2951.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-10
Client ID: FTA-MW-5-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2951.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		63.6	%					
Fluorene-D10		68.5	%					
Pyrene-D10		97.1	%					
2,4-Dibromophenol		55.9	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-12
Client ID: FTA-MW-203-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2952.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-12
Client ID: FTA-MW-203-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2952.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		57.7	%					
Fluorene-D10		61.8	%					
Pyrene-D10		86.9	%					
2,4-Dibromophenol		51.2	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-14
Client ID: FTA-GW-DUP01-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2953.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	J	0.11	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-14
Client ID: FTA-GW-DUP01-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2953.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		64.4	%					
Fluorene-D10		67.3	%					
Pyrene-D10		94.8	%					
2,4-Dibromophenol		62.4	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-16
Client ID: FTA-MW-218-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2954.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.97	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.97	0.27	0.48
Naphthalene	U	0.097	ug/L	1	.2	0.19	0.062	0.097
Hexachlorobutadiene	U	0.097	ug/L	1	.2	0.19	0.084	0.097
2-Methylnaphthalene	U	0.097	ug/L	1	.2	0.19	0.075	0.097
Hexachlorobenzene	U	0.097	ug/L	1	.2	0.19	0.053	0.097
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.97	0.32	0.48
Phenanthrene	U	0.097	ug/L	1	.2	0.19	0.050	0.097
Pyrene	U	0.097	ug/L	1	.2	0.19	0.057	0.097
Benzo(a)anthracene	U	0.097	ug/L	1	.2	0.19	0.045	0.097
Chrysene	ULL	0.097	ug/L	1	.2	0.19	0.035	0.097
Benzo(b)fluoranthene	U	0.097	ug/L	1	.2	0.19	0.086	0.097
Benzo(a)pyrene	U	0.097	ug/L	1	.2	0.19	0.064	0.097
Indeno(1,2,3-cd)pyrene	U	0.097	ug/L	1	.2	0.19	0.050	0.097
Dibenzo(a,h)anthracene	ULL	0.097	ug/L	1	.2	0.19	0.068	0.097
1,1'-Biphenyl	ULL	0.097	ug/L	1	.2	0.19	0.063	0.097
1,2,4,5-Tetrachlorobenzene	U	0.097	ug/L	1	.2	0.19	0.097	0.097
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.12	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.97	0.12	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.97	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.97	0.23	0.48
2,4-Dinitrotoluene	U	0.097	ug/L	1	.2	0.19	0.034	0.097
2,6-Dinitrotoluene	U	0.097	ug/L	1	.2	0.19	0.068	0.097
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.12	0.14
3,3'-Dichlorobenzidine	U	0.097	ug/L	1	.2	0.19	0.054	0.097
4,6-Dinitro-2-Methylphenol	U	0.73	ug/L	1	1	0.97	0.48	0.73
4-Chloroaniline	U	0.48	ug/L	1	1	0.97	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.97	0.43	0.48
4-Nitroaniline	U	0.097	ug/L	1	.2	0.19	0.063	0.097
Atrazine	U	0.097	ug/L	1	.2	0.19	0.037	0.097
Bis(2-Chloroethyl)Ether	UL	0.097	ug/L	1	.2	0.19	0.040	0.097
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.97	0.48	0.48
Dibenzofuran	U	0.097	ug/L	1	.2	0.19	0.066	0.097
Hexachlorocyclopentadiene	U	0.097	ug/L	1	.2	0.19	0.065	0.097
Hexachloroethane	U	0.097	ug/L	1	.2	0.19	0.071	0.097

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-16
Client ID: FTA-MW-218-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2954.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.13	0.14
N-Nitroso-Di-N-Propylamine	U	0.097	ug/L	1	.2	0.19	0.070	0.097
3-Nitroaniline	U	0.097	ug/L	1	.2	0.19	0.074	0.097
2-Methylnaphthalene-D10		55.8	%					
Fluorene-D10		55.2	%					
Pyrene-D10		91.2	%					
2,4-Dibromophenol		52.3	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-18
Client ID: FTA-MW-206-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2955.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-18
Client ID: FTA-MW-206-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2955.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		55.5	%					
Fluorene-D10		57.4	%					
Pyrene-D10		93.9	%					
2,4-Dibromophenol		51.6	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-20
Client ID: FTA-MW-14-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2956.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-20
Client ID: FTA-MW-14-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2956.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		53.4	%					
Fluorene-D10		64.6	%					
Pyrene-D10		88.0	%					
2,4-Dibromophenol		61.6	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-2
Client ID: FTA-MW-208-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2958.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.95	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.95	0.27	0.48
Naphthalene	U	0.095	ug/L	1	.2	0.19	0.061	0.095
Hexachlorobutadiene	U	0.095	ug/L	1	.2	0.19	0.083	0.095
2-Methylnaphthalene	U	0.095	ug/L	1	.2	0.19	0.073	0.095
Hexachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.052	0.095
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.95	0.31	0.48
Phenanthrene	U	0.095	ug/L	1	.2	0.19	0.048	0.095
Pyrene	U	0.095	ug/L	1	.2	0.19	0.056	0.095
Benzo(a)anthracene	U	0.095	ug/L	1	.2	0.19	0.044	0.095
Chrysene	ULL	0.095	ug/L	1	.2	0.19	0.034	0.095
Benzo(b)fluoranthene	U	0.095	ug/L	1	.2	0.19	0.085	0.095
Benzo(a)pyrene	U	0.095	ug/L	1	.2	0.19	0.063	0.095
Indeno(1,2,3-cd)pyrene	U	0.095	ug/L	1	.2	0.19	0.050	0.095
Dibenzo(a,h)anthracene	ULL	0.095	ug/L	1	.2	0.19	0.067	0.095
1,1'-Biphenyl	ULL	0.095	ug/L	1	.2	0.19	0.062	0.095
1,2,4,5-Tetrachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.095	0.095
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.95	0.11	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.95	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.95	0.23	0.48
2,4-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.033	0.095
2,6-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.067	0.095
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.095	ug/L	1	.2	0.19	0.053	0.095
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.95	0.48	0.71
4-Chloroaniline	U	0.48	ug/L	1	1	0.95	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.95	0.42	0.48
4-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.062	0.095
Atrazine	U	0.095	ug/L	1	.2	0.19	0.036	0.095
Bis(2-Chloroethyl)Ether	UL	0.095	ug/L	1	.2	0.19	0.039	0.095
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.95	0.48	0.48
Dibenzofuran	U	0.095	ug/L	1	.2	0.19	0.065	0.095
Hexachlorocyclopentadiene	U	0.095	ug/L	1	.2	0.19	0.064	0.095
Hexachloroethane	U	0.095	ug/L	1	.2	0.19	0.070	0.095

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-2
Client ID: FTA-MW-208-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2958.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.095	ug/L	1	.2	0.19	0.068	0.095
3-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.072	0.095
2-Methylnaphthalene-D10		56.6	%					
Fluorene-D10		53.5	%					
Pyrene-D10		100.	%					
2,4-Dibromophenol		52.1	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-4
Client ID: FTA-MW-1-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2959.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.50	ug/L	1	1	1.0	0.029	0.50
2-Chlorophenol	U	0.50	ug/L	1	1	1.0	0.28	0.50
Naphthalene	U	0.10	ug/L	1	.2	0.20	0.065	0.10
Hexachlorobutadiene	U	0.10	ug/L	1	.2	0.20	0.088	0.10
2-Methylnaphthalene	U	0.10	ug/L	1	.2	0.20	0.078	0.10
Hexachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.056	0.10
Pentachlorophenol	ULL	0.50	ug/L	1	1	1.0	0.33	0.50
Phenanthrene	U	0.10	ug/L	1	.2	0.20	0.052	0.10
Pyrene	U	0.10	ug/L	1	.2	0.20	0.060	0.10
Benzo(a)anthracene	U	0.10	ug/L	1	.2	0.20	0.046	0.10
Chrysene	ULL	0.10	ug/L	1	.2	0.20	0.036	0.10
Benzo(b)fluoranthene	U	0.10	ug/L	1	.2	0.20	0.090	0.10
Benzo(a)pyrene	U	0.10	ug/L	1	.2	0.20	0.067	0.10
Indeno(1,2,3-cd)pyrene	U	0.10	ug/L	1	.2	0.20	0.052	0.10
Dibenzo(a,h)anthracene	ULL	0.10	ug/L	1	.2	0.20	0.071	0.10
1,1'-Biphenyl	ULL	0.10	ug/L	1	.2	0.20	0.066	0.10
1,2,4,5-Tetrachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.10	0.10
2,2'-Oxybis(1-Chloropropane)	ULL	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	U	0.50	ug/L	1	1	1.0	0.12	0.50
2,4-Dichlorophenol	U	0.50	ug/L	1	1	1.0	0.50	0.50
2,4-Dinitrophenol	U	0.50	ug/L	1	1	1.0	0.24	0.50
2,4-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.035	0.10
2,6-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.071	0.10
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	U	0.10	ug/L	1	.2	0.20	0.056	0.10
4,6-Dinitro-2-Methylphenol	U	0.76	ug/L	1	1	1.0	0.50	0.76
4-Chloroaniline	U	0.50	ug/L	1	1	1.0	0.50	0.50
3&4-Methylphenol	U	0.50	ug/L	1	1	1.0	0.45	0.50
4-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.066	0.10
Atrazine	U	0.10	ug/L	1	.2	0.20	0.038	0.10
Bis(2-Chloroethyl)Ether	UL	0.10	ug/L	1	.2	0.20	0.041	0.10
Bis(2-Ethylhexyl)Phthalate	ULL	0.50	ug/L	1	1	1.0	0.50	0.50
Dibenzofuran	U	0.10	ug/L	1	.2	0.20	0.069	0.10
Hexachlorocyclopentadiene	U	0.10	ug/L	1	.2	0.20	0.068	0.10
Hexachloroethane	U	0.10	ug/L	1	.2	0.20	0.074	0.10

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-4
Client ID: FTA-MW-1-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2959.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.10	ug/L	1	.2	0.20	0.073	0.10
3-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.077	0.10
2-Methylnaphthalene-D10		61.5	%					
Fluorene-D10		56.5	%					
Pyrene-D10		100.	%					
2,4-Dibromophenol		57.0	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-6
Client ID: FTA-GW-DUP02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2960.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.95	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.95	0.27	0.48
Naphthalene	U	0.095	ug/L	1	.2	0.19	0.061	0.095
Hexachlorobutadiene	U	0.095	ug/L	1	.2	0.19	0.083	0.095
2-Methylnaphthalene	U	0.095	ug/L	1	.2	0.19	0.073	0.095
Hexachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.052	0.095
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.95	0.31	0.48
Phenanthrene	U	0.095	ug/L	1	.2	0.19	0.048	0.095
Pyrene	U	0.095	ug/L	1	.2	0.19	0.056	0.095
Benzo(a)anthracene	U	0.095	ug/L	1	.2	0.19	0.044	0.095
Chrysene	ULL	0.095	ug/L	1	.2	0.19	0.034	0.095
Benzo(b)fluoranthene	U	0.095	ug/L	1	.2	0.19	0.085	0.095
Benzo(a)pyrene	U	0.095	ug/L	1	.2	0.19	0.063	0.095
Indeno(1,2,3-cd)pyrene	U	0.095	ug/L	1	.2	0.19	0.050	0.095
Dibenzo(a,h)anthracene	ULL	0.095	ug/L	1	.2	0.19	0.067	0.095
1,1'-Biphenyl	ULL	0.095	ug/L	1	.2	0.19	0.062	0.095
1,2,4,5-Tetrachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.095	0.095
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.95	0.11	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.95	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.95	0.23	0.48
2,4-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.033	0.095
2,6-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.067	0.095
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.095	ug/L	1	.2	0.19	0.053	0.095
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.95	0.48	0.71
4-Chloroaniline	U	0.48	ug/L	1	1	0.95	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.95	0.42	0.48
4-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.062	0.095
Atrazine	U	0.095	ug/L	1	.2	0.19	0.036	0.095
Bis(2-Chloroethyl)Ether	UL	0.095	ug/L	1	.2	0.19	0.039	0.095
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.95	0.48	0.48
Dibenzofuran	U	0.095	ug/L	1	.2	0.19	0.065	0.095
Hexachlorocyclopentadiene	U	0.095	ug/L	1	.2	0.19	0.064	0.095
Hexachloroethane	U	0.095	ug/L	1	.2	0.19	0.070	0.095

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-6
Client ID: FTA-GW-DUP02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2960.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.095	ug/L	1	.2	0.19	0.068	0.095
3-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.072	0.095
2-Methylnaphthalene-D10		69.0	%					
Fluorene-D10		59.1	%					
Pyrene-D10		95.0	%					
2,4-Dibromophenol		61.4	%					

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ANALYTICAL SERVICES

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-8
Client ID: FTA-MW-210-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2961.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULLMM	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULLM	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	UMM	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULLMM	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULLMM	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	UMM	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	UMM	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	UMM	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	UM	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	ULM	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULLMM	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-8
Client ID: FTA-MW-210-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2961.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	UM	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		57.5	%					
Fluorene-D10		68.2	%					
Pyrene-D10		99.6	%					
2,4-Dibromophenol		67.1	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-10
Client ID: FTA-SW-01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2964.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.96	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.96	0.27	0.48
Naphthalene	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Hexachlorobutadiene	U	0.096	ug/L	1	.2	0.19	0.084	0.096
2-Methylnaphthalene	U	0.096	ug/L	1	.2	0.19	0.074	0.096
Hexachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.053	0.096
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.96	0.32	0.48
Phenanthrene	U	0.096	ug/L	1	.2	0.19	0.049	0.096
Pyrene	U	0.096	ug/L	1	.2	0.19	0.057	0.096
Benzo(a)anthracene	U	0.096	ug/L	1	.2	0.19	0.044	0.096
Chrysene	ULL	0.096	ug/L	1	.2	0.19	0.035	0.096
Benzo(b)fluoranthene	U	0.096	ug/L	1	.2	0.19	0.086	0.096
Benzo(a)pyrene	U	0.096	ug/L	1	.2	0.19	0.063	0.096
Indeno(1,2,3-cd)pyrene	U	0.096	ug/L	1	.2	0.19	0.050	0.096
Dibenzo(a,h)anthracene	ULL	0.096	ug/L	1	.2	0.19	0.067	0.096
1,1'-Biphenyl	ULL	0.096	ug/L	1	.2	0.19	0.062	0.096
1,2,4,5-Tetrachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.096	0.096
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.12	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.96	0.12	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.96	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.96	0.23	0.48
2,4-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.034	0.096
2,6-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.067	0.096
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.12	0.14
3,3'-Dichlorobenzidine	U	0.096	ug/L	1	.2	0.19	0.054	0.096
4,6-Dinitro-2-Methylphenol	U	0.72	ug/L	1	1	0.96	0.48	0.72
4-Chloroaniline	U	0.48	ug/L	1	1	0.96	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.96	0.42	0.48
4-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Atrazine	U	0.096	ug/L	1	.2	0.19	0.036	0.096
Bis(2-Chloroethyl)Ether	UL	0.096	ug/L	1	.2	0.19	0.039	0.096
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.96	0.48	0.48
Dibenzofuran	U	0.096	ug/L	1	.2	0.19	0.065	0.096
Hexachlorocyclopentadiene	U	0.096	ug/L	1	.2	0.19	0.064	0.096
Hexachloroethane	U	0.096	ug/L	1	.2	0.19	0.070	0.096

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-10
Client ID: FTA-SW-01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2964.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.096	ug/L	1	.2	0.19	0.069	0.096
3-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.073	0.096
2-Methylnaphthalene-D10		64.5	%					
Fluorene-D10		64.3	%					
Pyrene-D10		108.	%					
2,4-Dibromophenol		66.8	%					

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ANALYTICAL SERVICES

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-12
Client ID: FTA-SW-02-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2965.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.95	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.95	0.27	0.48
Naphthalene	U	0.095	ug/L	1	.2	0.19	0.061	0.095
Hexachlorobutadiene	U	0.095	ug/L	1	.2	0.19	0.083	0.095
2-Methylnaphthalene	U	0.095	ug/L	1	.2	0.19	0.073	0.095
Hexachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.052	0.095
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.95	0.31	0.48
Phenanthrene	U	0.095	ug/L	1	.2	0.19	0.048	0.095
Pyrene	U	0.095	ug/L	1	.2	0.19	0.056	0.095
Benzo(a)anthracene	U	0.095	ug/L	1	.2	0.19	0.044	0.095
Chrysene	ULL	0.095	ug/L	1	.2	0.19	0.034	0.095
Benzo(b)fluoranthene	U	0.095	ug/L	1	.2	0.19	0.085	0.095
Benzo(a)pyrene	U	0.095	ug/L	1	.2	0.19	0.063	0.095
Indeno(1,2,3-cd)pyrene	U	0.095	ug/L	1	.2	0.19	0.050	0.095
Dibenzo(a,h)anthracene	ULL	0.095	ug/L	1	.2	0.19	0.067	0.095
1,1'-Biphenyl	ULL	0.095	ug/L	1	.2	0.19	0.062	0.095
1,2,4,5-Tetrachlorobenzene	U	0.095	ug/L	1	.2	0.19	0.095	0.095
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.95	0.11	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.95	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.95	0.23	0.48
2,4-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.033	0.095
2,6-Dinitrotoluene	U	0.095	ug/L	1	.2	0.19	0.067	0.095
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.095	ug/L	1	.2	0.19	0.053	0.095
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.95	0.48	0.71
4-Chloroaniline	U	0.48	ug/L	1	1	0.95	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.95	0.42	0.48
4-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.062	0.095
Atrazine	U	0.095	ug/L	1	.2	0.19	0.036	0.095
Bis(2-Chloroethyl)Ether	UL	0.095	ug/L	1	.2	0.19	0.039	0.095
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.95	0.48	0.48
Dibenzofuran	U	0.095	ug/L	1	.2	0.19	0.065	0.095
Hexachlorocyclopentadiene	U	0.095	ug/L	1	.2	0.19	0.064	0.095
Hexachloroethane	U	0.095	ug/L	1	.2	0.19	0.070	0.095

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-12
Client ID: FTA-SW-02-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2965.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.095	ug/L	1	.2	0.19	0.068	0.095
3-Nitroaniline	U	0.095	ug/L	1	.2	0.19	0.072	0.095
2-Methylnaphthalene-D10		55.2	%					
Fluorene-D10		54.8	%					
Pyrene-D10		89.2	%					
2,4-Dibromophenol		57.0	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-14
Client ID: FTA-SW-03-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2966.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.51	ug/L	1	1	1.0	0.030	0.51
2-Chlorophenol	U	0.51	ug/L	1	1	1.0	0.28	0.51
Naphthalene	U	0.10	ug/L	1	.2	0.20	0.065	0.10
Hexachlorobutadiene	U	0.10	ug/L	1	.2	0.20	0.089	0.10
2-Methylnaphthalene	U	0.10	ug/L	1	.2	0.20	0.078	0.10
Hexachlorobenzene	UM	0.10	ug/L	1	.2	0.20	0.056	0.10
Pentachlorophenol	ULLMM	0.51	ug/L	1	1	1.0	0.34	0.51
Phenanthrene	U	0.10	ug/L	1	.2	0.20	0.052	0.10
Pyrene	U	0.10	ug/L	1	.2	0.20	0.060	0.10
Benzo(a)anthracene	UM	0.10	ug/L	1	.2	0.20	0.047	0.10
Chrysene	ULLM	0.10	ug/L	1	.2	0.20	0.037	0.10
Benzo(b)fluoranthene	UMM	0.10	ug/L	1	.2	0.20	0.091	0.10
Benzo(a)pyrene	UMM	0.10	ug/L	1	.2	0.20	0.067	0.10
Indeno(1,2,3-cd)pyrene	UMM	0.10	ug/L	1	.2	0.20	0.053	0.10
Dibenzo(a,h)anthracene	ULLMM	0.10	ug/L	1	.2	0.20	0.071	0.10
1,1'-Biphenyl	ULLMM	0.10	ug/L	1	.2	0.20	0.066	0.10
1,2,4,5-Tetrachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.10	0.10
2,2'-Oxybis(1-Chloropropane)	ULLMM	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	U	0.51	ug/L	1	1	1.0	0.12	0.51
2,4-Dichlorophenol	U	0.51	ug/L	1	1	1.0	0.51	0.51
2,4-Dinitrophenol	U	0.51	ug/L	1	1	1.0	0.24	0.51
2,4-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.036	0.10
2,6-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.071	0.10
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	UMM	0.10	ug/L	1	.2	0.20	0.057	0.10
4,6-Dinitro-2-Methylphenol	UM	0.76	ug/L	1	1	1.0	0.51	0.76
4-Chloroaniline	UMM	0.51	ug/L	1	1	1.0	0.51	0.51
3&4-Methylphenol	U	0.51	ug/L	1	1	1.0	0.45	0.51
4-Nitroaniline	UMM	0.10	ug/L	1	.2	0.20	0.066	0.10
Atrazine	U	0.10	ug/L	1	.2	0.20	0.039	0.10
Bis(2-Chloroethyl)Ether	ULMM	0.10	ug/L	1	.2	0.20	0.042	0.10
Bis(2-Ethylhexyl)Phthalate	ULLMM	0.51	ug/L	1	1	1.0	0.51	0.51
Dibenzofuran	U	0.10	ug/L	1	.2	0.20	0.069	0.10
Hexachlorocyclopentadiene	UMM	0.10	ug/L	1	.2	0.20	0.068	0.10
Hexachloroethane	UM	0.10	ug/L	1	.2	0.20	0.074	0.10

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-14
Client ID: FTA-SW-03-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2966.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.10	ug/L	1	.2	0.20	0.073	0.10
3-Nitroaniline	UMM	0.10	ug/L	1	.2	0.20	0.078	0.10
2-Methylnaphthalene-D10		58.5	%					
Fluorene-D10		62.4	%					
Pyrene-D10		90.4	%					
2,4-Dibromophenol		63.3	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-16
Client ID: FTA-SW-06-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2969.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.50	ug/L	1	1	1.0	0.029	0.50
2-Chlorophenol	U	0.50	ug/L	1	1	1.0	0.28	0.50
Naphthalene	J	0.10	ug/L	1	.2	0.20	0.064	0.10
Hexachlorobutadiene	U	0.10	ug/L	1	.2	0.20	0.087	0.10
2-Methylnaphthalene	U	0.10	ug/L	1	.2	0.20	0.077	0.10
Hexachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.055	0.10
Pentachlorophenol	ULL	0.50	ug/L	1	1	1.0	0.33	0.50
Phenanthrene	J	0.095	ug/L	1	.2	0.20	0.051	0.10
Pyrene	U	0.10	ug/L	1	.2	0.20	0.059	0.10
Benzo(a)anthracene	J	0.065	ug/L	1	.2	0.20	0.046	0.10
Chrysene	ULL	0.10	ug/L	1	.2	0.20	0.036	0.10
Benzo(b)fluoranthene	U	0.10	ug/L	1	.2	0.20	0.089	0.10
Benzo(a)pyrene	J	0.076	ug/L	1	.2	0.20	0.066	0.10
Indeno(1,2,3-cd)pyrene	J	0.12	ug/L	1	.2	0.20	0.052	0.10
Dibenzo(a,h)anthracene	ULL	0.10	ug/L	1	.2	0.20	0.070	0.10
1,1'-Biphenyl	JLL	0.082	ug/L	1	.2	0.20	0.065	0.10
1,2,4,5-Tetrachlorobenzene	J	0.11	ug/L	1	.2	0.20	0.10	0.10
2,2'-Oxybis(1-Chloropropane)	ULL	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	J	0.22	ug/L	1	1	1.0	0.12	0.50
2,4-Dichlorophenol	U	0.50	ug/L	1	1	1.0	0.50	0.50
2,4-Dinitrophenol	U	0.50	ug/L	1	1	1.0	0.24	0.50
2,4-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.035	0.10
2,6-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.070	0.10
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	U	0.10	ug/L	1	.2	0.20	0.056	0.10
4,6-Dinitro-2-Methylphenol	U	0.75	ug/L	1	1	1.0	0.50	0.75
4-Chloroaniline	U	0.50	ug/L	1	1	1.0	0.50	0.50
3&4-Methylphenol	U	0.50	ug/L	1	1	1.0	0.44	0.50
4-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.065	0.10
Atrazine	J	0.060	ug/L	1	.2	0.20	0.038	0.10
Bis(2-Chloroethyl)Ether	JL	0.044	ug/L	1	.2	0.20	0.041	0.10
Bis(2-Ethylhexyl)Phthalate	ULL	0.50	ug/L	1	1	1.0	0.50	0.50
Dibenzofuran	J	0.087	ug/L	1	.2	0.20	0.068	0.10
Hexachlorocyclopentadiene	U	0.10	ug/L	1	.2	0.20	0.067	0.10
Hexachloroethane	U	0.10	ug/L	1	.2	0.20	0.073	0.10

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-16
Client ID: FTA-SW-06-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2969.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.10	ug/L	1	.2	0.20	0.072	0.10
3-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.076	0.10
2-Methylnaphthalene-D10		54.8	%					
Fluorene-D10		62.3	%					
Pyrene-D10		73.8	%					
2,4-Dibromophenol		56.6	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-18
Client ID: FTA-SW-07-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2970.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.47	ug/L	1	1	0.94	0.027	0.47
2-Chlorophenol	U	0.47	ug/L	1	1	0.94	0.26	0.47
Naphthalene	U	0.094	ug/L	1	.2	0.19	0.060	0.094
Hexachlorobutadiene	U	0.094	ug/L	1	.2	0.19	0.082	0.094
2-Methylnaphthalene	U	0.094	ug/L	1	.2	0.19	0.073	0.094
Hexachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.052	0.094
Pentachlorophenol	ULL	0.47	ug/L	1	1	0.94	0.31	0.47
Phenanthrene	U	0.094	ug/L	1	.2	0.19	0.048	0.094
Pyrene	U	0.094	ug/L	1	.2	0.19	0.056	0.094
Benzo(a)anthracene	U	0.094	ug/L	1	.2	0.19	0.043	0.094
Chrysene	ULL	0.094	ug/L	1	.2	0.19	0.034	0.094
Benzo(b)fluoranthene	U	0.094	ug/L	1	.2	0.19	0.084	0.094
Benzo(a)pyrene	U	0.094	ug/L	1	.2	0.19	0.062	0.094
Indeno(1,2,3-cd)pyrene	U	0.094	ug/L	1	.2	0.19	0.049	0.094
Dibenzo(a,h)anthracene	ULL	0.094	ug/L	1	.2	0.19	0.066	0.094
1,1'-Biphenyl	ULL	0.094	ug/L	1	.2	0.19	0.061	0.094
1,2,4,5-Tetrachlorobenzene	U	0.094	ug/L	1	.2	0.19	0.094	0.094
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.11	0.14
2,4,6-Trichlorophenol	U	0.47	ug/L	1	1	0.94	0.11	0.47
2,4-Dichlorophenol	U	0.47	ug/L	1	1	0.94	0.47	0.47
2,4-Dinitrophenol	U	0.47	ug/L	1	1	0.94	0.23	0.47
2,4-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.033	0.094
2,6-Dinitrotoluene	U	0.094	ug/L	1	.2	0.19	0.066	0.094
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.11	0.14
3,3'-Dichlorobenzidine	U	0.094	ug/L	1	.2	0.19	0.053	0.094
4,6-Dinitro-2-Methylphenol	U	0.71	ug/L	1	1	0.94	0.47	0.71
4-Chloroaniline	U	0.47	ug/L	1	1	0.94	0.47	0.47
3&4-Methylphenol	U	0.47	ug/L	1	1	0.94	0.42	0.47
4-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.061	0.094
Atrazine	U	0.094	ug/L	1	.2	0.19	0.036	0.094
Bis(2-Chloroethyl)Ether	UL	0.094	ug/L	1	.2	0.19	0.039	0.094
Bis(2-Ethylhexyl)Phthalate	ULL	0.47	ug/L	1	1	0.94	0.47	0.47
Dibenzofuran	U	0.094	ug/L	1	.2	0.19	0.064	0.094
Hexachlorocyclopentadiene	U	0.094	ug/L	1	.2	0.19	0.063	0.094
Hexachloroethane	U	0.094	ug/L	1	.2	0.19	0.069	0.094

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-18
Client ID: FTA-SW-07-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2970.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.094	ug/L	1	.2	0.19	0.068	0.094
3-Nitroaniline	U	0.094	ug/L	1	.2	0.19	0.072	0.094
2-Methylnaphthalene-D10		61.3	%					
Fluorene-D10		68.2	%					
Pyrene-D10		101.	%					
2,4-Dibromophenol		69.8	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-20
Client ID: FTA-SW-08-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2971.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.49	ug/L	1	1	0.98	0.028	0.49
2-Chlorophenol	U	0.49	ug/L	1	1	0.98	0.27	0.49
Naphthalene	U	0.098	ug/L	1	.2	0.20	0.063	0.098
Hexachlorobutadiene	U	0.098	ug/L	1	.2	0.20	0.085	0.098
2-Methylnaphthalene	U	0.098	ug/L	1	.2	0.20	0.075	0.098
Hexachlorobenzene	U	0.098	ug/L	1	.2	0.20	0.054	0.098
Pentachlorophenol	ULL	0.49	ug/L	1	1	0.98	0.32	0.49
Phenanthrene	U	0.098	ug/L	1	.2	0.20	0.050	0.098
Pyrene	U	0.098	ug/L	1	.2	0.20	0.058	0.098
Benzo(a)anthracene	U	0.098	ug/L	1	.2	0.20	0.045	0.098
Chrysene	ULL	0.098	ug/L	1	.2	0.20	0.035	0.098
Benzo(b)fluoranthene	U	0.098	ug/L	1	.2	0.20	0.087	0.098
Benzo(a)pyrene	U	0.098	ug/L	1	.2	0.20	0.065	0.098
Indeno(1,2,3-cd)pyrene	U	0.098	ug/L	1	.2	0.20	0.051	0.098
Dibenzo(a,h)anthracene	ULL	0.098	ug/L	1	.2	0.20	0.069	0.098
1,1'-Biphenyl	ULL	0.098	ug/L	1	.2	0.20	0.064	0.098
1,2,4,5-Tetrachlorobenzene	U	0.098	ug/L	1	.2	0.20	0.098	0.098
2,2'-Oxybis(1-Chloropropane)	ULL	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	U	0.49	ug/L	1	1	0.98	0.12	0.49
2,4-Dichlorophenol	U	0.49	ug/L	1	1	0.98	0.49	0.49
2,4-Dinitrophenol	U	0.49	ug/L	1	1	0.98	0.24	0.49
2,4-Dinitrotoluene	U	0.098	ug/L	1	.2	0.20	0.034	0.098
2,6-Dinitrotoluene	U	0.098	ug/L	1	.2	0.20	0.069	0.098
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	U	0.098	ug/L	1	.2	0.20	0.055	0.098
4,6-Dinitro-2-Methylphenol	U	0.74	ug/L	1	1	0.98	0.49	0.74
4-Chloroaniline	U	0.49	ug/L	1	1	0.98	0.49	0.49
3&4-Methylphenol	U	0.49	ug/L	1	1	0.98	0.43	0.49
4-Nitroaniline	U	0.098	ug/L	1	.2	0.20	0.064	0.098
Atrazine	U	0.098	ug/L	1	.2	0.20	0.037	0.098
Bis(2-Chloroethyl)Ether	UL	0.098	ug/L	1	.2	0.20	0.040	0.098
Bis(2-Ethylhexyl)Phthalate	ULL	0.49	ug/L	1	1	0.98	0.49	0.49
Dibenzofuran	U	0.098	ug/L	1	.2	0.20	0.067	0.098
Hexachlorocyclopentadiene	U	0.098	ug/L	1	.2	0.20	0.066	0.098
Hexachloroethane	U	0.098	ug/L	1	.2	0.20	0.072	0.098

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-20
Client ID: FTA-SW-08-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2971.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.098	ug/L	1	.2	0.20	0.070	0.098
3-Nitroaniline	U	0.098	ug/L	1	.2	0.20	0.074	0.098
2-Methylnaphthalene-D10		55.9	%					
Fluorene-D10		61.8	%					
Pyrene-D10		90.6	%					
2,4-Dibromophenol		63.0	%					

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Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2972.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.97	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.97	0.27	0.48
Naphthalene	U	0.097	ug/L	1	.2	0.19	0.062	0.097
Hexachlorobutadiene	U	0.097	ug/L	1	.2	0.19	0.084	0.097
2-Methylnaphthalene	U	0.097	ug/L	1	.2	0.19	0.075	0.097
Hexachlorobenzene	U	0.097	ug/L	1	.2	0.19	0.053	0.097
Pentachlorophenol	ULL	0.48	ug/L	1	1	0.97	0.32	0.48
Phenanthrene	U	0.097	ug/L	1	.2	0.19	0.050	0.097
Pyrene	U	0.097	ug/L	1	.2	0.19	0.057	0.097
Benzo(a)anthracene	U	0.097	ug/L	1	.2	0.19	0.045	0.097
Chrysene	ULL	0.097	ug/L	1	.2	0.19	0.035	0.097
Benzo(b)fluoranthene	U	0.097	ug/L	1	.2	0.19	0.086	0.097
Benzo(a)pyrene	U	0.097	ug/L	1	.2	0.19	0.064	0.097
Indeno(1,2,3-cd)pyrene	U	0.097	ug/L	1	.2	0.19	0.050	0.097
Dibenzo(a,h)anthracene	ULL	0.097	ug/L	1	.2	0.19	0.068	0.097
1,1'-Biphenyl	ULL	0.097	ug/L	1	.2	0.19	0.063	0.097
1,2,4,5-Tetrachlorobenzene	U	0.097	ug/L	1	.2	0.19	0.097	0.097
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.12	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.97	0.12	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.97	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.97	0.23	0.48
2,4-Dinitrotoluene	U	0.097	ug/L	1	.2	0.19	0.034	0.097
2,6-Dinitrotoluene	U	0.097	ug/L	1	.2	0.19	0.068	0.097
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.12	0.14
3,3'-Dichlorobenzidine	U	0.097	ug/L	1	.2	0.19	0.054	0.097
4,6-Dinitro-2-Methylphenol	U	0.73	ug/L	1	1	0.97	0.48	0.73
4-Chloroaniline	U	0.48	ug/L	1	1	0.97	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.97	0.43	0.48
4-Nitroaniline	U	0.097	ug/L	1	.2	0.19	0.063	0.097
Atrazine	U	0.097	ug/L	1	.2	0.19	0.037	0.097
Bis(2-Chloroethyl)Ether	UL	0.097	ug/L	1	.2	0.19	0.040	0.097
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.97	0.48	0.48
Dibenzofuran	U	0.097	ug/L	1	.2	0.19	0.066	0.097
Hexachlorocyclopentadiene	U	0.097	ug/L	1	.2	0.19	0.065	0.097
Hexachloroethane	U	0.097	ug/L	1	.2	0.19	0.071	0.097

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2972.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.13	0.14
N-Nitroso-Di-N-Propylamine	U	0.097	ug/L	1	.2	0.19	0.070	0.097
3-Nitroaniline	U	0.097	ug/L	1	.2	0.19	0.074	0.097
2-Methylnaphthalene-D10		51.6	%					
Fluorene-D10		61.0	%					
Pyrene-D10		78.7	%					
2,4-Dibromophenol		61.4	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-24
Client ID: FTA-SD-RB01-062014
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2973.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.48	ug/L	1	1	0.96	0.028	0.48
2-Chlorophenol	U	0.48	ug/L	1	1	0.96	0.27	0.48
Naphthalene	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Hexachlorobutadiene	U	0.096	ug/L	1	.2	0.19	0.084	0.096
2-Methylnaphthalene	U	0.096	ug/L	1	.2	0.19	0.074	0.096
Hexachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.053	0.096
Pentachlorophenol	UL	0.48	ug/L	1	1	0.96	0.32	0.48
Phenanthrene	U	0.096	ug/L	1	.2	0.19	0.049	0.096
Pyrene	U	0.096	ug/L	1	.2	0.19	0.057	0.096
Benzo(a)anthracene	U	0.096	ug/L	1	.2	0.19	0.044	0.096
Chrysene	ULL	0.096	ug/L	1	.2	0.19	0.035	0.096
Benzo(b)fluoranthene	U	0.096	ug/L	1	.2	0.19	0.086	0.096
Benzo(a)pyrene	U	0.096	ug/L	1	.2	0.19	0.063	0.096
Indeno(1,2,3-cd)pyrene	U	0.096	ug/L	1	.2	0.19	0.050	0.096
Dibenzo(a,h)anthracene	ULL	0.096	ug/L	1	.2	0.19	0.067	0.096
1,1'-Biphenyl	ULL	0.096	ug/L	1	.2	0.19	0.062	0.096
1,2,4,5-Tetrachlorobenzene	U	0.096	ug/L	1	.2	0.19	0.096	0.096
2,2'-Oxybis(1-Chloropropane)	ULL	0.14	ug/L	1	.2	0.19	0.12	0.14
2,4,6-Trichlorophenol	U	0.48	ug/L	1	1	0.96	0.12	0.48
2,4-Dichlorophenol	U	0.48	ug/L	1	1	0.96	0.48	0.48
2,4-Dinitrophenol	U	0.48	ug/L	1	1	0.96	0.23	0.48
2,4-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.034	0.096
2,6-Dinitrotoluene	U	0.096	ug/L	1	.2	0.19	0.067	0.096
2-Nitroaniline	U	0.14	ug/L	1	.2	0.19	0.12	0.14
3,3'-Dichlorobenzidine	U	0.096	ug/L	1	.2	0.19	0.054	0.096
4,6-Dinitro-2-Methylphenol	U	0.72	ug/L	1	1	0.96	0.48	0.72
4-Chloroaniline	U	0.48	ug/L	1	1	0.96	0.48	0.48
3&4-Methylphenol	U	0.48	ug/L	1	1	0.96	0.42	0.48
4-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.062	0.096
Atrazine	U	0.096	ug/L	1	.2	0.19	0.036	0.096
Bis(2-Chloroethyl)Ether	U	0.096	ug/L	1	.2	0.19	0.039	0.096
Bis(2-Ethylhexyl)Phthalate	ULL	0.48	ug/L	1	1	0.96	0.48	0.48
Dibenzofuran	U	0.096	ug/L	1	.2	0.19	0.065	0.096
Hexachlorocyclopentadiene	U	0.096	ug/L	1	.2	0.19	0.064	0.096
Hexachloroethane	U	0.096	ug/L	1	.2	0.19	0.070	0.096

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-24
Client ID: FTA-SD-RB01-062014
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: N2973.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene	U	0.14	ug/L	1	.2	0.19	0.12	0.14
N-Nitroso-Di-N-Propylamine	U	0.096	ug/L	1	.2	0.19	0.069	0.096
3-Nitroaniline	U	0.096	ug/L	1	.2	0.19	0.073	0.096
2-Methylnaphthalene-D10		71.5	%					
Fluorene-D10		69.7	%					
Pyrene-D10		105.	%					
2,4-Dibromophenol		67.5	%					

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Report of Analytical Results

Client:
Lab ID: WG145278-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: N2929.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 26-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.50	ug/L	1	1	1.0	0.029	0.50
2-Chlorophenol	U	0.50	ug/L	1	1	1.0	0.28	0.50
Naphthalene	U	0.10	ug/L	1	.2	0.20	0.064	0.10
Hexachlorobutadiene	U	0.10	ug/L	1	.2	0.20	0.087	0.10
2-Methylnaphthalene	U	0.10	ug/L	1	.2	0.20	0.077	0.10
Hexachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.055	0.10
Pentachlorophenol	U	0.50	ug/L	1	1	1.0	0.33	0.50
Phenanthrene	U	0.10	ug/L	1	.2	0.20	0.051	0.10
Pyrene	U	0.10	ug/L	1	.2	0.20	0.059	0.10
Benzo(a)anthracene	J	0.052	ug/L	1	.2	0.20	0.046	0.10
Chrysene	U	0.10	ug/L	1	.2	0.20	0.036	0.10
Benzo(b)fluoranthene	U	0.10	ug/L	1	.2	0.20	0.089	0.10
Benzo(a)pyrene	U	0.10	ug/L	1	.2	0.20	0.066	0.10
Indeno(1,2,3-cd)pyrene	U	0.10	ug/L	1	.2	0.20	0.052	0.10
Dibenzo(a,h)anthracene	U	0.10	ug/L	1	.2	0.20	0.070	0.10
1,1'-Biphenyl	U	0.10	ug/L	1	.2	0.20	0.065	0.10
1,2,4,5-Tetrachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.10	0.10
2,2'-Oxybis(1-Chloropropane)	U	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	U	0.50	ug/L	1	1	1.0	0.12	0.50
2,4-Dichlorophenol	U	0.50	ug/L	1	1	1.0	0.50	0.50
2,4-Dinitrophenol	U	0.50	ug/L	1	1	1.0	0.24	0.50
2,4-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.035	0.10
2,6-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.070	0.10
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	U	0.10	ug/L	1	.2	0.20	0.056	0.10
4,6-Dinitro-2-Methylphenol	U	0.75	ug/L	1	1	1.0	0.50	0.75
4-Chloroaniline	U	0.50	ug/L	1	1	1.0	0.50	0.50
3&4-Methylphenol	U	0.50	ug/L	1	1	1.0	0.44	0.50
4-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.065	0.10
Atrazine	U	0.10	ug/L	1	.2	0.20	0.038	0.10
Bis(2-Chloroethyl)Ether	U	0.10	ug/L	1	.2	0.20	0.041	0.10
Bis(2-Ethylhexyl)Phthalate	U	0.50	ug/L	1	1	1.0	0.50	0.50
Dibenzofuran	U	0.10	ug/L	1	.2	0.20	0.068	0.10
Hexachlorocyclopentadiene	U	0.10	ug/L	1	.2	0.20	0.067	0.10

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Report of Analytical Results

Client:
Lab ID: WG145278-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: N2929.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278

Analysis Date: 26-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Hexachloroethane	U	0.10	ug/L	1	.2	0.20	0.073	0.10
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.10	ug/L	1	.2	0.20	0.072	0.10
3-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.076	0.10
2-Methylnaphthalene-D10		72.2	%					
Fluorene-D10		70.2	%					
Pyrene-D10		97.4	%					
2,4-Dibromophenol		72.8	%					

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Cert No E87604

Report of Analytical Results

Client:
Lab ID: WG145381-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: N2941.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,4-Dioxane	U	0.50	ug/L	1	1	1.0	0.029	0.50
2-Chlorophenol	U	0.50	ug/L	1	1	1.0	0.28	0.50
Naphthalene	U	0.10	ug/L	1	.2	0.20	0.064	0.10
Hexachlorobutadiene	U	0.10	ug/L	1	.2	0.20	0.087	0.10
2-Methylnaphthalene	U	0.10	ug/L	1	.2	0.20	0.077	0.10
Hexachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.055	0.10
Pentachlorophenol	U	0.50	ug/L	1	1	1.0	0.33	0.50
Phenanthrene	U	0.10	ug/L	1	.2	0.20	0.051	0.10
Pyrene	U	0.10	ug/L	1	.2	0.20	0.059	0.10
Benzo(a)anthracene	U	0.10	ug/L	1	.2	0.20	0.046	0.10
Chrysene	U	0.10	ug/L	1	.2	0.20	0.036	0.10
Benzo(b)fluoranthene	U	0.10	ug/L	1	.2	0.20	0.089	0.10
Benzo(a)pyrene	U	0.10	ug/L	1	.2	0.20	0.066	0.10
Indeno(1,2,3-cd)pyrene	U	0.10	ug/L	1	.2	0.20	0.052	0.10
Dibenzo(a,h)anthracene	U	0.10	ug/L	1	.2	0.20	0.070	0.10
1,1'-Biphenyl	U	0.10	ug/L	1	.2	0.20	0.065	0.10
1,2,4,5-Tetrachlorobenzene	U	0.10	ug/L	1	.2	0.20	0.10	0.10
2,2'-Oxybis(1-Chloropropane)	U	0.15	ug/L	1	.2	0.20	0.12	0.15
2,4,6-Trichlorophenol	U	0.50	ug/L	1	1	1.0	0.12	0.50
2,4-Dichlorophenol	U	0.50	ug/L	1	1	1.0	0.50	0.50
2,4-Dinitrophenol	U	0.50	ug/L	1	1	1.0	0.24	0.50
2,4-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.035	0.10
2,6-Dinitrotoluene	U	0.10	ug/L	1	.2	0.20	0.070	0.10
2-Nitroaniline	U	0.15	ug/L	1	.2	0.20	0.12	0.15
3,3'-Dichlorobenzidine	U	0.10	ug/L	1	.2	0.20	0.056	0.10
4,6-Dinitro-2-Methylphenol	U	0.75	ug/L	1	1	1.0	0.50	0.75
4-Chloroaniline	U	0.50	ug/L	1	1	1.0	0.50	0.50
3&4-Methylphenol	U	0.50	ug/L	1	1	1.0	0.44	0.50
4-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.065	0.10
Atrazine	U	0.10	ug/L	1	.2	0.20	0.038	0.10
Bis(2-Chloroethyl)Ether	U	0.10	ug/L	1	.2	0.20	0.041	0.10
Bis(2-Ethylhexyl)Phthalate	U	0.50	ug/L	1	1	1.0	0.50	0.50
Dibenzofuran	U	0.10	ug/L	1	.2	0.20	0.068	0.10
Hexachlorocyclopentadiene	U	0.10	ug/L	1	.2	0.20	0.067	0.10

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Report of Analytical Results

Client:
Lab ID: WG145381-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: N2941.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA
Report Date: 11-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Hexachloroethane	U	0.10	ug/L	1	.2	0.20	0.073	0.10
Nitrobenzene	U	0.15	ug/L	1	.2	0.20	0.13	0.15
N-Nitroso-Di-N-Propylamine	U	0.10	ug/L	1	.2	0.20	0.072	0.10
3-Nitroaniline	U	0.10	ug/L	1	.2	0.20	0.076	0.10
2-Methylnaphthalene-D10		61.6	%					
Fluorene-D10		62.0	%					
Pyrene-D10		78.5	%					
2,4-Dibromophenol		60.0	%					

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **Project:** NCTAMSLANT Cutler CTO WE53 **Matrix:** AQ
Lab Code: KAS **SDG:** WE53-7

Client Sample ID	Lab Sample ID	Col. ID	2MN	#	DBP	#	FLO	#	PYR	#
FTA-MW-5-061814	SH4401-10		63.6		55.9		68.5		97.1	
FTA-MW-203-061814	SH4401-12		57.7		51.2		61.8		86.9	
FTA-GW-DUP01-061814	SH4401-14		64.4		62.4		67.3		94.8	
FTA-MW-218-061814	SH4401-16		55.8		52.3		55.2		91.2	
FTA-MW-206-061814	SH4401-18		55.5		51.6		57.4		93.9	
FTA-MW-9-061714	SH4401-2		63.5		11.8		70.7		84.9	
FTA-MW-14-061714	SH4401-20		53.4		61.6		64.6		88.0	
FTA-MW-10-061714	SH4401-4		58.1		48.8		61.6		86.2	
FTA-MW-11-061714	SH4401-6		56.1		34.9		52.9		59.5	
FTA-MW-12-061714	SH4401-8		62.4		29.4		60.9		88.0	
FTA-SW-01-061914	SH4521-10		64.5		66.8		64.3		108.	
FTA-SW-02-061914	SH4521-12		55.2		57.0		54.8		89.2	
FTA-SW-03-061914	SH4521-14		58.5		63.3		62.4		90.4	
FTA-SW-06-061914	SH4521-16		54.8		56.6		62.3		73.8	
FTA-SW-07-061914	SH4521-18		61.3		69.8		68.2		101.	
FTA-MW-208-061814	SH4521-2		56.6		52.1		53.5		100.	
FTA-SW-08-061914	SH4521-20		55.9		63.0		61.8		90.6	
FTA-SW-DUP01-061914	SH4521-22		51.6		61.4		61.0		78.7	
FTA-SD-RB01-062014	SH4521-24		71.5		67.5		69.7		105.	
FTA-MW-1-061814	SH4521-4		61.5		57.0		56.5		100.	
FTA-GW-DUP02-061814	SH4521-6		69.0		61.4		59.1		95.0	
FTA-MW-210-061814	SH4521-8		57.5		67.1		68.2		99.6	
Method Blank Sample	WG145278-1		72.2		72.8		70.2		97.4	
Laboratory Control S	WG145278-2		67.4		71.5		70.6		80.4	
Laboratory Control S	WG145278-3		64.4		72.3		72.1		85.7	
Method Blank Sample	WG145381-1		61.6		60.0		62.0		78.5	
Laboratory Control S	WG145381-2		69.6		73.0		71.9		84.0	
Laboratory Control S	WG145381-3		73.7		71.1		75.0		89.0	
Matrix Spike	WG145381-4		65.0		68.4		72.3		88.7	
Matrix Spike Duplica	WG145381-5		64.6		68.5		72.1		90.6	
Matrix Spike	WG145381-6		57.9		66.5		67.9		69.7	
Matrix Spike Duplica	WG145381-7		50.3		62.4		61.5		81.4	

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **Project:** NCTAMSLANT Cutler CTO WE53 **Matrix:** AQ
Lab Code: KAS **SDG:** WE53-7

		QC Limits
DBP	2,4-DIBROMOPHENOL	10-130
2MN	2-METHYLNAPHTHALENE-D10	43-92
FLO	FLUORENE-D10	29-101
PYR	PYRENE-D10	53-166

= Column to be used to flag recovery limits.
* = Values outside of contract required QC limits.
D= System Monitoring Compound diluted out.

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ANALYTICAL SERVICES

Cert No E87604

LCS/LCSD Recovery Report

LCS ID: WG145381-2
LCSD ID: WG145381-3
Project:
SDG: WE53-7
Report Date: 11-JUL-14
LCS File ID: N2942.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
LCSD File ID: N2943.D

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
1,4-Dioxane	2.00	0.668	33.4	0.660	33.0	ug/L	1	30	10-93
2-Chlorophenol	4.00	2.72	68.0	2.93	73.2	ug/L	7	30	30-112
Naphthalene	2.00	1.55	77.5	1.62	81.0	ug/L	4	30	46-84
Hexachlorobutadiene	2.00	1.38	69.0	1.43	71.5	ug/L	4	30	48-95
2-Methylnaphthalene	2.00	1.54	77.0	1.61	80.5	ug/L	4	30	51-114
Hexachlorobenzene	2.00	1.58	79.0	1.60	80.0	ug/L	1	30	62-90
Pentachlorophenol	4.00	2.64	66.0	3.24	81.0*	ug/L	20	30	10-66
Phenanthrene	2.00	1.76	88.0	1.90	95.0	ug/L	8	30	73-100
Pyrene	2.00	1.87	93.5	2.03	102.	ug/L	8	30	71-104
Benzo(a)anthracene	2.00	1.79	89.5	1.94	97.0	ug/L	8	30	70-110
Chrysene	2.00	2.00	100.*	2.14	107.*	ug/L	7	30	70-95
Benzo(b)fluoranthene	2.00	1.87	93.5	1.97	98.5	ug/L	5	30	67-102
Benzo(a)pyrene	2.00	1.61	80.5	1.68	84.0	ug/L	4	30	63-98
Indeno(1,2,3-cd)pyrene	2.00	2.04	102.	2.16	108.	ug/L	6	30	61-112
Dibenzo(a,h)anthracene	2.00	1.14	57.0*	1.21	60.5*	ug/L	6	30	66-108
1,1'-Biphenyl	4.00	1.54	38.5*	1.62	40.5*	ug/L	5	30	56-96
1,2,4,5-Tetrachlorobenzene	2.00	1.50	75.0	1.60	80.0	ug/L	6	30	30-150
2,2'-Oxybis(1-Chloropropane)	2.00	0.962	48.1*	1.01	50.5*	ug/L	5	30	57-90
2,4,6-Trichlorophenol	4.00	2.88	72.0	3.16	79.0	ug/L	9	30	19-139
2,4-Dichlorophenol	4.00	2.92	73.0	3.09	77.2	ug/L	6	30	31-106
2,4-Dinitrophenol	4.00	1.60	40.0	2.08	52.0	ug/L	26	30	10-95
2,4-Dinitrotoluene	2.00	1.55	77.5	1.67	83.5	ug/L	7	30	48-95
2,6-Dinitrotoluene	2.00	1.57	78.5	1.63	81.5	ug/L	4	30	47-86
2-Nitroaniline	2.00	1.49	74.5	1.59	79.5	ug/L	6	30	54-105
3,3'-Dichlorobenzidine	4.00	3.83	95.8	3.36	84.0	ug/L	13	30	10-118
4,6-Dinitro-2-Methylphenol	4.00	2.76	69.0	3.02	75.5	ug/L	9	30	10-77
4-Chloroaniline	2.00	1.20	60.0	1.24	62.0	ug/L	3	30	38-122
3&4-Methylphenol	4.00	2.18	54.5	2.36	59.0	ug/L	8	30	31-78
4-Nitroaniline	2.00	1.80	90.0	2.13	106.	ug/L	17	30	42-152
Atrazine	2.00	1.92	96.0	2.04	102.	ug/L	6	30	66-126
Bis(2-Chloroethyl)Ether	2.00	1.12	56.0	1.18	59.0	ug/L	5	30	56-87
Bis(2-Ethylhexyl)Phthalate	2.00	1.63	81.5*	1.68	84.0*	ug/L	3	30	97-188
Dibenzofuran	2.00	1.50	75.0	1.58	79.0	ug/L	5	30	56-98
Hexachlorocyclopentadiene	2.00	0.905	45.2	0.978	48.9	ug/L	8	30	10-96

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LCS/LCSD Recovery Report

LCS ID: WG145381-2
LCSD ID: WG145381-3
Project:
SDG: WE53-7
Report Date: 11-JUL-14
LCS File ID: N2942.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
LCSD File ID: N2943.D

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Hexachloroethane	2.00	1.32	66.0	1.40	70.0	ug/L	6	30	48-80
Nitrobenzene	2.00	1.36	68.0	1.44	72.0	ug/L	6	30	43-89
N-Nitroso-Di-N-Propylamine	2.00	1.21	60.5	1.38	69.0	ug/L	13	30	43-86
3-Nitroaniline	2.00	1.88	94.0	1.99	99.5	ug/L	6	30	50-103
2-Methylnaphthalene-D10			69.6		73.7				43-92
Fluorene-D10			71.9		75.0				29-101
Pyrene-D10			84.0		89.0				53-166
2,4-Dibromophenol			73.0		71.1				10-130

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ANALYTICAL SERVICES

Cert No E87604

LCS/LCSD Recovery Report

LCS ID: WG145278-2
LCSD ID: WG145278-3
Project:
SDG: WE53-7
Report Date: 11-JUL-14
LCS File ID: N2944.D

Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278
LCSD File ID: N2945.D

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
1,4-Dioxane	2.00	0.870	43.5	0.798	39.9	ug/L	9	30	10-93
2-Chlorophenol	4.00	2.92	73.0	2.81	70.2	ug/L	4	30	30-112
Naphthalene	2.00	1.56	78.0	1.49	74.5	ug/L	4	30	46-84
Hexachlorobutadiene	2.00	1.40	70.0	1.31	65.5	ug/L	7	30	48-95
2-Methylnaphthalene	2.00	1.53	76.5	1.51	75.5	ug/L	1	30	51-114
Hexachlorobenzene	2.00	1.55	77.5	1.60	80.0	ug/L	3	30	62-90
Pentachlorophenol	4.00	3.05	76.2*	3.03	75.8*	ug/L	1	30	10-66
Phenanthrene	2.00	1.72	86.0	1.78	89.0	ug/L	3	30	73-100
Pyrene	2.00	1.78	89.0	1.93	96.5	ug/L	8	30	71-104
Benzo(a)anthracene	2.00	1.62	81.0	1.69	84.5	ug/L	4	30	70-110
Chrysene	2.00	1.90	95.0	2.02	101.*	ug/L	6	30	70-95
Benzo(b)fluoranthene	2.00	1.63	81.5	1.73	86.5	ug/L	6	30	67-102
Benzo(a)pyrene	2.00	1.50	75.0	1.60	80.0	ug/L	6	30	63-98
Indeno(1,2,3-cd)pyrene	2.00	2.00	100.	2.05	102.	ug/L	2	30	61-112
Dibenzo(a,h)anthracene	2.00	1.13	56.5*	1.14	57.0*	ug/L	1	30	66-108
1,1'-Biphenyl	4.00	1.56	39.0*	1.51	37.8*	ug/L	3	30	56-96
1,2,4,5-Tetrachlorobenzene	2.00	1.50	75.0	1.44	72.0	ug/L	4	30	30-150
2,2'-Oxybis(1-Chloropropane)	2.00	0.968	48.4*	0.929	46.4*	ug/L	4	30	57-90
2,4,6-Trichlorophenol	4.00	2.97	74.2	2.95	73.8	ug/L	1	30	19-139
2,4-Dichlorophenol	4.00	3.00	75.0	2.97	74.2	ug/L	1	30	31-106
2,4-Dinitrophenol	4.00	2.30	57.5	1.89	47.2	ug/L	20	30	10-95
2,4-Dinitrotoluene	2.00	1.52	76.0	1.56	78.0	ug/L	2	30	48-95
2,6-Dinitrotoluene	2.00	1.54	77.0	1.59	79.5	ug/L	3	30	47-86
2-Nitroaniline	2.00	1.48	74.0	1.53	76.5	ug/L	3	30	54-105
3,3'-Dichlorobenzidine	4.00	2.48	62.0	2.94	73.5	ug/L	17	30	10-118
4,6-Dinitro-2-Methylphenol	4.00	2.88	72.0	2.73	68.2	ug/L	5	30	10-77
4-Chloroaniline	2.00	1.10	55.0	1.27	63.5	ug/L	14	30	38-122
3&4-Methylphenol	4.00	2.46	61.5	2.41	60.2	ug/L	2	30	31-78
4-Nitroaniline	2.00	1.78	89.0	1.78	89.0	ug/L	0	30	42-152
Atrazine	2.00	1.80	90.0	1.88	94.0	ug/L	4	30	66-126
Bis(2-Chloroethyl)Ether	2.00	1.31	65.5	1.09	54.5*	ug/L	18	30	56-87
Bis(2-Ethylhexyl)Phthalate	2.00	1.47	73.5*	1.56	78.0*	ug/L	6	30	97-188
Dibenzofuran	2.00	1.50	75.0	1.51	75.5	ug/L	1	30	56-98
Hexachlorocyclopentadiene	2.00	0.928	46.4	0.857	42.8	ug/L	8	30	10-96

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LCS/LCSD Recovery Report

LCS ID: WG145278-2
LCSD ID: WG145278-3
Project:
SDG: WE53-7
Report Date: 11-JUL-14
LCS File ID: N2944.D

Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145278
LCSD File ID: N2945.D

Analysis Date: 27-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Hexachloroethane	2.00	1.38	69.0	1.28	64.0	ug/L	8	30	48-80
Nitrobenzene	2.00	1.52	76.0	1.36	68.0	ug/L	11	30	43-89
N-Nitroso-Di-N-Propylamine	2.00	1.34	67.0	1.30	65.0	ug/L	3	30	43-86
3-Nitroaniline	2.00	1.74	87.0	1.74	87.0	ug/L	0	30	50-103
2-Methylnaphthalene-D10			67.4		64.4				43-92
Fluorene-D10			70.6		72.1				29-101
Pyrene-D10			80.4		85.7				53-166
2,4-Dibromophenol			71.5		72.3				10-130

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Cert No E87604

MS/MSD Recovery Report

MS ID: WG145381-4
MSD ID: WG145381-5
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: N2962.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
Report Date: 11-JUL-14
MSD File ID: N2963.D

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
1,4-Dioxane	1.96	2.10	ug/L	U0.47	0.85	0.81	43.3	38.6	4	30	10-93
2-Chlorophenol	3.92	4.21	ug/L	U0.47	2.2	2.4	54.8	56.0	9	30	30-112
Naphthalene	1.96	2.10	ug/L	U0.094	1.4	1.5	74.0	73.1	6	30	46-84
Hexachlorobutadiene	1.96	2.10	ug/L	U0.094	1.3	1.4	64.8	67.4	11	30	48-95
2-Methylnaphthalene	1.96	2.10	ug/L	U0.094	1.3	1.5	67.3	70.8	12	30	51-114
Hexachlorobenzene	1.96	2.10	ug/L	U0.094	1.5	1.7	77.0	81.2	12	30	62-90
Pentachlorophenol	3.92	4.21	ug/L	ULLMM0	4.0	4.2	101.*	99.8*	5	30	10-66
Phenanthrene	1.96	2.10	ug/L	U0.094	1.7	1.9	87.7	89.3	9	30	73-100
Pyrene	1.96	2.10	ug/L	U0.094	1.9	2.1	97.4	98.8	8	30	71-104
Benzo(a)anthracene	1.96	2.10	ug/L	U0.094	1.6	1.8	82.1	83.1	8	30	70-110
Chrysene	1.96	2.10	ug/L	ULLM0.0	1.8	2.0	93.8	95.9*	9	30	70-95
Benzo(b)fluoranthene	1.96	2.10	ug/L	U0.094	1.5	1.7	77.5	78.8	9	30	67-102
Benzo(a)pyrene	1.96	2.10	ug/L	JMM0.09	1.1	1.2	57.1*	59.4*	11	30	63-98
Indeno(1,2,3-cd)pyrene	1.96	2.10	ug/L	U0.094	1.4	1.5	72.9	69.3	2	30	61-112
Dibenzo(a,h)anthracene	1.96	2.10	ug/L	ULL0.094	1.3	1.5	68.3	71.7	12	30	66-108
1,1'-Biphenyl	3.92	4.21	ug/L	ULLMM0	1.4	1.5	35.7*	34.9*	5	30	56-96
1,2,4,5-Tetrachlorobenzene	1.96	2.10	ug/L	U0.094	1.4	1.5	70.9	71.7	8	30	30-150
2,2'-Oxybis(1-Chloropropane)	1.96	2.10	ug/L	ULLMM0	0.87	0.96	44.3*	45.4*	10	30	57-90
2,4,6-Trichlorophenol	3.92	4.21	ug/L	U0.47	3.0	3.2	76.0	77.0	8	30	19-139
2,4-Dichlorophenol	3.92	4.21	ug/L	U0.47	2.6	2.8	65.0	67.4	11	30	31-106
2,4-Dinitrophenol	3.92	4.21	ug/L	U0.47	3.3	3.6	85.2	86.4	8	30	10-95
2,4-Dinitrotoluene	1.96	2.10	ug/L	U0.094	1.6	1.7	82.1	80.3	5	30	48-95
2,6-Dinitrotoluene	1.96	2.10	ug/L	U0.094	1.4	1.5	70.9	71.7	8	30	47-86
2-Nitroaniline	1.96	2.10	ug/L	U0.14	1.6	1.7	80.6	80.3	7	30	54-105
3,3'-Dichlorobenzidine	3.92	4.21	ug/L	JMM0.09	U0.098	0.10	0*	0*	0	30	10-118
4,6-Dinitro-2-Methylphenol	3.92	4.21	ug/L	JMM0.71	3.8	4.2	96.1*	98.8*	10	30	10-77
4-Chloroaniline	1.96	2.10	ug/L	JMM0.47	0.58	0.53	29.4*	24.0*	13	30	38-122
3&4-Methylphenol	3.92	4.21	ug/L	U0.47	1.4	1.6	34.9	37.5	14	30	31-78
4-Nitroaniline	1.96	2.10	ug/L	U0.094	1.5	1.6	78.5	77.9	6	30	42-152
Atrazine	1.96	2.10	ug/L	UM0.094	2.7	2.2	140.*	105.	21	30	66-126
Bis(2-Chloroethyl)Ether	1.96	2.10	ug/L	ULM0.09	1.1	1.1	56.1	50.8*	3	30	56-87
Bis(2-Ethylhexyl)Phthalate	1.96	2.10	ug/L	ULLMM0	1.7	1.9	85.7*	88.8*	11	30	97-188
Dibenzofuran	1.96	2.10	ug/L	U0.094	1.5	1.6	75.5	75.5	7	30	56-98

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MS/MSD Recovery Report

MS ID: WG145381-4
MSD ID: WG145381-5
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: N2962.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
Report Date: 11-JUL-14
MSD File ID: N2963.D

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
Hexachlorocyclopentadiene	1.96	2.10	ug/L	U0.094	0.90	0.92	46.0	43.6	2	30	10-96
Hexachloroethane	1.96	2.10	ug/L	U0.094	1.2	1.2	59.2	59.4	7	30	48-80
Nitrobenzene	1.96	2.10	ug/L	U0.14	1.4	1.5	68.8	72.2	12	30	43-89
N-Nitroso-Di-N-Propylamine	1.96	2.10	ug/L	U0.094	1.2	1.3	58.6	61.7	12	30	43-86
3-Nitroaniline	1.96	2.10	ug/L	UM0.094	1.0	0.99	53.6	47.1*	6	30	50-103
2-Methylnaphthalene-D10							65.0	64.6			43-92
Fluorene-D10							72.3	72.1			29-101
Pyrene-D10							88.7	90.6			53-166
2,4-Dibromophenol							68.4	68.5			10-130

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MS/MSD Recovery Report

MS ID: WG145381-6
MSD ID: WG145381-7
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: N2967.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
Report Date: 11-JUL-14
MSD File ID: N2968.D

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
1,4-Dioxane	2.02	1.90	ug/L	U0.51	0.64	0.47	31.8	24.7	31*	30	10-93
2-Chlorophenol	4.04	3.81	ug/L	U0.51	2.2	1.8	53.2	47.5	17	30	30-112
Naphthalene	2.02	1.90	ug/L	U0.10	1.4	1.2	68.3	60.4	18	30	46-84
Hexachlorobutadiene	2.02	1.90	ug/L	U0.10	1.1	1.0	53.5	53.0	7	30	48-95
2-Methylnaphthalene	2.02	1.90	ug/L	U0.10	1.3	1.1	65.3	56.7	20	30	51-114
Hexachlorobenzene	2.02	1.90	ug/L	UM0.10	1.2	1.2	59.9*	63.0	1	30	62-90
Pentachlorophenol	4.04	3.81	ug/L	ULLMM0	3.8	3.3	93.8*	86.1*	14	30	10-66
Phenanthrene	2.02	1.90	ug/L	U0.10	1.5	1.4	76.2	74.0	9	30	73-100
Pyrene	2.02	1.90	ug/L	U0.10	1.5	1.7	74.2	87.2	10	30	71-104
Benzo(a)anthracene	2.02	1.90	ug/L	UM0.10	1.2	1.4	57.4*	73.5	19	30	70-110
Chrysene	2.02	1.90	ug/L	ULLM0.1	1.3	1.5	62.9*	79.8	18	30	70-95
Benzo(b)fluoranthene	2.02	1.90	ug/L	JMM0.10	0.90	1.2	44.7*	65.6*	32*	30	67-102
Benzo(a)pyrene	2.02	1.90	ug/L	JMM0.10	0.90	1.2	44.3*	63.0*	29	30	63-98
Indeno(1,2,3-cd)pyrene	2.02	1.90	ug/L	JMM0.10	0.70	1.1	34.6*	58.8*	46*	30	61-112
Dibenzo(a,h)anthracene	2.02	1.90	ug/L	ULLMM0	0.77	1.1	38.3*	59.3*	38*	30	66-108
1,1'-Biphenyl	4.04	3.81	ug/L	ULLMM0	1.3	1.1	31.4*	28.4*	16	30	56-96
1,2,4,5-Tetrachlorobenzene	2.02	1.90	ug/L	U0.10	1.3	1.1	62.4	55.6	17	30	30-150
2,2'-Oxybis(1-Chloropropane)	2.02	1.90	ug/L	ULLMM0	0.86	0.70	42.4*	36.6*	20	30	57-90
2,4,6-Trichlorophenol	4.04	3.81	ug/L	U0.51	3.1	2.5	76.0	65.1	21	30	19-139
2,4-Dichlorophenol	4.04	3.81	ug/L	U0.51	2.6	2.2	65.1	58.3	17	30	31-106
2,4-Dinitrophenol	4.04	3.81	ug/L	U0.51	3.4	2.8	84.6	72.7	21	30	10-95
2,4-Dinitrotoluene	2.02	1.90	ug/L	U0.10	1.6	1.3	77.7	66.2	22	30	48-95
2,6-Dinitrotoluene	2.02	1.90	ug/L	U0.10	1.5	1.1	74.7	57.8	31*	30	47-86
2-Nitroaniline	2.02	1.90	ug/L	U0.15	1.5	1.1	73.3	59.8	26	30	54-105
3,3'-Dichlorobenzidine	4.04	3.81	ug/L	JMM0.10	0.11	0.095	2.75*	2.48*	16	30	10-118
4,6-Dinitro-2-Methylphenol	4.04	3.81	ug/L	UM0.76	3.7	2.9	92.3*	76.9	24	30	10-77
4-Chloroaniline	2.02	1.90	ug/L	JMM0.51	U0.50	0.48	0*	0*	0	30	38-122
3&4-Methylphenol	4.04	3.81	ug/L	U0.51	1.8	1.4	44.8	37.8	23	30	31-78
4-Nitroaniline	2.02	1.90	ug/L	JMM0.10	0.80	0.61	39.7*	31.9*	28	30	42-152
Atrazine	2.02	1.90	ug/L	U0.10	1.8	1.6	90.6	81.9	16	30	66-126
Bis(2-Chloroethyl)Ether	2.02	1.90	ug/L	ULMM0.	1.0	0.85	52.0*	44.6*	21	30	56-87
Bis(2-Ethylhexyl)Phthalate	2.02	1.90	ug/L	ULLMM0	1.1	1.5	54.4*	79.3*	31*	30	97-188
Dibenzofuran	2.02	1.90	ug/L	U0.10	1.4	1.2	70.8	61.4	20	30	56-98

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MS/MSD Recovery Report

MS ID: WG145381-6
MSD ID: WG145381-7
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: N2967.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145381
Report Date: 11-JUL-14
MSD File ID: N2968.D

Analysis Date: 28-JUN-14
Analyst: JCG
Analysis Method: SW846 M8270D
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD (%)	RPD Limit	Limits
Hexachlorocyclopentadiene	2.02	1.90	ug/L	UMM0.10	0.14	0.11	6.73*	5.83*	20	30	10-96
Hexachloroethane	2.02	1.90	ug/L	UM0.10	1.1	0.87	52.5	45.7*	20	30	48-80
Nitrobenzene	2.02	1.90	ug/L	U0.15	1.3	1.3	65.8	69.8	0	30	43-89
N-Nitroso-Di-N-Propylamine	2.02	1.90	ug/L	U0.10	1.2	0.86	56.9	45.2	29	30	43-86
3-Nitroaniline	2.02	1.90	ug/L	UMM0.10	0.35	0.20	17.5*	10.6*	54*	30	50-103
2-Methylnaphthalene-D10							57.9	50.3			43-92
Fluorene-D10							67.9	61.5			29-101
Pyrene-D10							69.7	81.4			53-166
2,4-Dibromophenol							66.5	62.4			10-130

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Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : N2929.D
Instrument ID : GCMS-N
Matrix : AQ

SDG : WE53-7
Lab Sample ID : WG145278-1
Date Extracted : 23-JUN-14
Date Analyzed : 26-JUN-14
Time Analyzed : 15:33

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG145278-2	N2944.D	06/27/14	15:01
Laboratory Control S	WG145278-3	N2945.D	06/27/14	15:45
FTA-MW-9-061714	SH4401-2	N2947.D	06/27/14	17:12
FTA-MW-10-061714	SH4401-4	N2948.D	06/27/14	17:55
FTA-MW-11-061714	SH4401-6	N2949.D	06/27/14	18:39
FTA-MW-12-061714	SH4401-8	N2950.D	06/27/14	19:22
FTA-MW-5-061814	SH4401-10	N2951.D	06/27/14	20:05
FTA-MW-203-061814	SH4401-12	N2952.D	06/27/14	20:48
FTA-GW-DUP01-061814	SH4401-14	N2953.D	06/27/14	21:31
FTA-MW-218-061814	SH4401-16	N2954.D	06/27/14	22:15
FTA-MW-206-061814	SH4401-18	N2955.D	06/27/14	22:58
FTA-MW-14-061714	SH4401-20	N2956.D	06/27/14	23:40

Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : N2941.D
Instrument ID : GCMS-N
Matrix : AQ

SDG : WE53-7
Lab Sample ID : WG145381-1
Date Extracted : 25-JUN-14
Date Analyzed : 27-JUN-14
Time Analyzed : 12:51

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG145381-2	N2942.D	06/27/14	13:34
Laboratory Control S	WG145381-3	N2943.D	06/27/14	14:18
FTA-MW-208-061814	SH4521-2	N2958.D	06/28/14	09:18
FTA-MW-1-061814	SH4521-4	N2959.D	06/28/14	10:01
FTA-GW-DUP02-061814	SH4521-6	N2960.D	06/28/14	10:44
FTA-MW-210-061814	SH4521-8	N2961.D	06/28/14	11:27
Matrix Spike	WG145381-4	N2962.D	06/28/14	12:11
Matrix Spike Duplica	WG145381-5	N2963.D	06/28/14	12:54
FTA-SW-01-061914	SH4521-10	N2964.D	06/28/14	13:38
FTA-SW-02-061914	SH4521-12	N2965.D	06/28/14	14:21
FTA-SW-03-061914	SH4521-14	N2966.D	06/28/14	15:04
Matrix Spike	WG145381-6	N2967.D	06/28/14	15:47
Matrix Spike Duplica	WG145381-7	N2968.D	06/28/14	16:31
FTA-SW-06-061914	SH4521-16	N2969.D	06/28/14	17:14
FTA-SW-07-061914	SH4521-18	N2970.D	06/28/14	17:57
FTA-SW-08-061914	SH4521-20	N2971.D	06/28/14	18:40
FTA-SW-DUP01-061914	SH4521-22	N2972.D	06/28/14	19:23
FTA-SD-RB01-062014	SH4521-24	N2973.D	06/28/14	20:06

Form 5
Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : ND762.D
Instrument ID : GCMS-N

SDG : WE53-7
Date Analyzed : 26-JUN-14
Time Analyzed : 10:10

m/e	Ion Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.3		
68	Less than 2.0% of mass 69	0.5	1.28	1
69	Less than 100.0% of mass 198	40.1		
70	Less than 2.0% of mass 69	0.2	0.57	1
127	40.0 - 60.0% of mass 198	59.9		
197	Less than 1.0% of mass 198	0.3		
198	Base Peak, 100% relative abundance	100		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	21.8		
365	1.0 - 100.0% of mass 198	2.4		
441	0.0 - 100.0% of mass 443	10.0	66.82	2
442	40.0 - 100.0% of mass 198	72.2		
443	17.0 - 23.0% of mass 442	14.9	20.71	3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

This check applies to the following samples, LCS, MS, MSD and standards:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Initial Calibration	WG145455-4	N2922.D	06/26/14	10:28
Initial Calibration	WG145455-2	N2923.D	06/26/14	11:12
Initial Calibration	WG145455-3	N2924.D	06/26/14	11:55
Initial Calibration	WG145455-5	N2925.D	06/26/14	12:39
Initial Calibration	WG145455-6	N2926.D	06/26/14	13:22
Initial Calibration	WG145455-7	N2927.D	06/26/14	14:06
Independent Source	WG145455-8	N2928.D	06/26/14	14:50
Method Blank Sample	WG145278-1	N2929.D	06/26/14	15:33

Form 5
Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : ND763.D
Instrument ID : GCMS-N

SDG : WE53-7
Date Analyzed : 27-JUN-14
Time Analyzed : 11:49

m/e	Ion Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	38.8		
68	Less than 2.0% of mass 69	0.6	1.65	1
69	Less than 100.0% of mass 198	35.9		
70	Less than 2.0% of mass 69	0.1	0.39	1
127	40.0 - 60.0% of mass 198	56.6		
197	Less than 1.0% of mass 198	0.3		
198	Base Peak, 100% relative abundance	100		
199	5.0 - 9.0% of mass 198	6.9		
275	10.0 - 30.0% of mass 198	22.8		
365	1.0 - 100.0% of mass 198	2.7		
441	0.0 - 100.0% of mass 443	12.0	67.02	2
442	40.0 - 100.0% of mass 198	88.3		
443	17.0 - 23.0% of mass 442	18.0	20.33	3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

This check applies to the following samples, LCS, MS, MSD and standards:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Continuing Calibrati	WG145527-2	N2940.D	06/27/14	12:07
Method Blank Sample	WG145381-1	N2941.D	06/27/14	12:51
Laboratory Control S	WG145381-2	N2942.D	06/27/14	13:34
Laboratory Control S	WG145381-3	N2943.D	06/27/14	14:18
Laboratory Control S	WG145278-2	N2944.D	06/27/14	15:01
Laboratory Control S	WG145278-3	N2945.D	06/27/14	15:45
FTA-MW-9-061714	SH4401-2	N2947.D	06/27/14	17:12
FTA-MW-10-061714	SH4401-4	N2948.D	06/27/14	17:55
FTA-MW-11-061714	SH4401-6	N2949.D	06/27/14	18:39
FTA-MW-12-061714	SH4401-8	N2950.D	06/27/14	19:22
FTA-MW-5-061814	SH4401-10	N2951.D	06/27/14	20:05
FTA-MW-203-061814	SH4401-12	N2952.D	06/27/14	20:48
FTA-GW-DUP01-061814	SH4401-14	N2953.D	06/27/14	21:31
FTA-MW-218-061814	SH4401-16	N2954.D	06/27/14	22:15
FTA-MW-206-061814	SH4401-18	N2955.D	06/27/14	22:58
FTA-MW-14-061714	SH4401-20	N2956.D	06/27/14	23:40

Form 5
Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : ND764.D
Instrument ID : GCMS-N

SDG : WE53-7
Date Analyzed : 28-JUN-14
Time Analyzed : 08:17

m/e	Ion Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	42.1		
68	Less than 2.0% of mass 69	0.7	1.75	1
69	Less than 100.0% of mass 198	38.2		
70	Less than 2.0% of mass 69	0.2	0.42	1
127	40.0 - 60.0% of mass 198	59.0		
197	Less than 1.0% of mass 198	0.6		
198	Base Peak, 100% relative abundance	100		
199	5.0 - 9.0% of mass 198	6.5		
275	10.0 - 30.0% of mass 198	23.1		
365	1.0 - 100.0% of mass 198	2.8		
441	0.0 - 100.0% of mass 443	11.6	67.44	2
442	40.0 - 100.0% of mass 198	84.9		
443	17.0 - 23.0% of mass 442	17.2	20.30	3

1-Value is % mass 69
2-Value is % mass 443
3-Value is % mass 442

This check applies to the following samples, LCS, MS, MSD and standards:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Continuing Calibrati	WG145582-2	N2957.D	06/28/14	08:36
FTA-MW-208-061814	SH4521-2	N2958.D	06/28/14	09:18
FTA-MW-1-061814	SH4521-4	N2959.D	06/28/14	10:01
FTA-GW-DUP02-061814	SH4521-6	N2960.D	06/28/14	10:44
FTA-MW-210-061814	SH4521-8	N2961.D	06/28/14	11:27
Matrix Spike	WG145381-4	N2962.D	06/28/14	12:11
Matrix Spike Duplica	WG145381-5	N2963.D	06/28/14	12:54
FTA-SW-01-061914	SH4521-10	N2964.D	06/28/14	13:38
FTA-SW-02-061914	SH4521-12	N2965.D	06/28/14	14:21
FTA-SW-03-061914	SH4521-14	N2966.D	06/28/14	15:04
Matrix Spike	WG145381-6	N2967.D	06/28/14	15:47
Matrix Spike Duplica	WG145381-7	N2968.D	06/28/14	16:31
FTA-SW-06-061914	SH4521-16	N2969.D	06/28/14	17:14
FTA-SW-07-061914	SH4521-18	N2970.D	06/28/14	17:57
FTA-SW-08-061914	SH4521-20	N2971.D	06/28/14	18:40
FTA-SW-DUP01-061914	SH4521-22	N2972.D	06/28/14	19:23
FTA-SD-RB01-062014	SH4521-24	N2973.D	06/28/14	20:06

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GCMS-N
Lab File IDs : N2923.D N2924.D N2922.D N2925.D N2926.D N2927.D
Column ID:
Calibration Date(s): 26-JUN-14 10:28, 26-JUN-14 14:06

	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Crv					Max	
	0.2000000	0.5000000	1.0000	3.0000	7.0000	10.0000	New	b	m1	m2	%RSD	%RSD	
1,4-Dioxane	0.55827	0.57803	0.58349	0.59230	0.70812	0.65573	AVG		0.61266		9.34525	15.00000	O
Bis(2-Chloroethyl)ether	1.89865	1.89116	1.73654	1.60576	1.51699	1.44965	AVG		1.68312		11.29408	15.00000	O
2-Chlorophenol	1.44133	1.49377	1.48175	1.44091	1.39914	1.36682	AVG		1.43729		3.35367	15.00000	O
2,2'-Oxybis(1-chloropropane	1.99965	2.07745	1.96618	1.98134	1.87095	1.79151	AVG		1.94785		5.19981	15.00000	O
N-Nitroso-di-n-propylamine	0.81455	1.02345	0.90641	0.95609	0.90312	0.87692	AVG		0.91342		7.77050	15.00000	O
3&4-Methylphenol	1.02900	1.19481	1.25866	1.27036	1.26384	1.25990	AVG		1.21276		7.76544	15.00000	O
Hexachloroethane	0.65022	0.65505	0.62000	0.60806	0.58685	0.56366	AVG		0.61397		5.79982	15.00000	O
Nitrobenzene	27782	57804	69589	288608	619972	890652	LNR	-0.19763	0.33430		0.99654	0.99000	O
2,4-Dichlorophenol	0.25425	0.27230	0.29544	0.28481	0.26336	0.25624	AVG		0.27107		6.05380	15.00000	O
Naphthalene	1.07515	1.06328	1.07308	1.02231	0.88372	0.82390	AVG		0.99024		11.01176	15.00000	O
4-Chloroaniline	0.33709	0.35544	0.39266	0.37963	0.34118	0.30388	AVG		0.35165		9.06722	15.00000	O
Hexachlorobutadiene	0.18097	0.17052	0.15723	0.15586	0.14266	0.13465	AVG		0.15698		10.89875	15.00000	O
2-Methylnaphthalene	43282	98898	172278	508678	1083817	1522123	LNR	-0.31719	0.57099		0.99574	0.99000	O
1,2,4,5-Tetrachlorobenzene	0.64984	0.64990	0.64579	0.60482	0.60199	0.57730	AVG		0.62161		4.99119	15.00000	O
Hexachlorocyclopentadiene	4116	11589	28895	95498	229831	341637	LNR	0.13426	0.36793		0.99952	0.99000	O
2,4,6-Trichlorophenol	0.36591	0.42319	0.45007	0.42426	0.43404	0.43547	AVG		0.42216		6.92027	15.00000	O
1,1'-Biphenyl	1.86655	1.87319	1.82823	1.77185	1.61563	1.62038	AVG		1.76264		6.67704	15.00000	O
2-Nitroaniline	0.28967	0.31149	0.33575	0.34568	0.34588	0.36977	AVG		0.33304		8.52090	15.00000	O
2,6-Dinitrotoluene	0.33428	0.33049	0.34831	0.35093	0.34397	0.33862	AVG		0.34110		2.35350	15.00000	O
3-Nitroaniline	3017	8936	21617	59135	138315	263594	QUA	-0.13784	5.67585	-0.58921	0.99869	0.99000	O
2,4-Dinitrophenol	3897	9643	27173	51527	71558	134561	QUA	0.49010	10.02276	-1.85554	0.99298	0.99000	O
Dibenzofuran	1.80900	1.81740	1.85759	1.76769	1.68443	1.66504	AVG		1.76686		4.36378	15.00000	O
2,4-Dinitrotoluene	4669	13897	34269	116352	258298	406499	LNR	0.13507	0.43110		0.99863	0.99000	O
4-Nitroaniline	0.17420	0.14759	0.21937	0.17910	0.17536	0.20641	AVG		0.18367		13.92929	15.00000	O
4,6-Dinitro-2-Methylphenol	7241	18383	43552	79226	107715	184387	QUA	0.33484	9.14412	-1.12651	0.99653	0.99000	O
Hexachlorobenzene	0.38343	0.33976	0.32400	0.28642	0.28254	0.27408	AVG		0.31504		13.40850	15.00000	O
Atrazine	0.16288	0.16937	0.18227	0.17528	0.18814	0.19238	AVG		0.17839		6.32824	15.00000	O
Pentachlorophenol	0.18020	0.16711	0.20353	0.15910	0.16692	0.17064	AVG		0.17458		9.01823	15.00000	O
Phenanthrene	1.26547	1.30971	1.33168	1.24308	1.21496	1.19353	AVG		1.25974		4.25594	15.00000	O
Pyrene	30015	67181	150755	480507	961913	1516074	LNR	-0.21831	2.01138		0.99867	0.99000	O
Benzo(a)anthracene	1.18598	1.16291	1.33500	1.20094	1.22479	1.22044	AVG		1.22168		4.91294	15.00000	O
Chrysene	21123	43062	92697	305764	605788	963871	LNR	-0.21956	1.27440		0.99897	0.99000	O
3,3'-Dichlorobenzidine	0.27526	0.31377	0.34785	0.25428	0.38701	0.28466	AVG		0.31047		15.99375	15.00000	W
bis(2-Ethylhexyl)phthalate	142501	262308	468495	754793	894036	1387863	QUA	-0.09477	0.33446	0.00956	0.99588	0.99000	O
Benzo(b)fluoranthene	1.20793	1.26757	1.21151	1.29930	1.34927	1.38219	AVG		1.28630		5.54278	15.00000	O
Benzo(a)pyrene	1.44020	1.30545	1.25998	1.19165	1.19787	1.21118	AVG		1.26772		7.49130	15.00000	O
Indeno(1,2,3-cd)pyrene	0.61052	0.60825	0.68275	0.58331	0.64440	0.64346	AVG		0.62878		5.59764	15.00000	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File IDs : N2923.D N2924.D N2922.D N2925.D N2926.D N2927.D

SDG: WE53-7
Instrument ID: GCMS-N
Column ID:
Calibration Date(s): 26-JUN-14 10:28
26-JUN-14 14:06

Dibenzo(a,h)anthracene	0.80372	0.69946	0.75129	0.62819	0.68768	0.67961	AVG		0.70832		8.63312	15.00000	O
2-Methylnaphthalene-D10	1.27856	1.27901	1.25737	1.18018	1.17200	1.07774	AVG		1.20748		6.57291	15.00000	
2,4-Dibromophenol	0.36312	0.44322	0.41961	0.38046	0.37685	0.37858	AVG		0.39364		7.82744	15.00000	
Fluorene-D10	1.11625	0.93206	0.92630	0.88165	0.83987	0.83183	AVG		0.92133		11.31645	15.00000	
Pyrene-D10	1.63599	1.57848	1.49305	1.28362	1.21912	1.16210	AVG		1.39539		14.29468	15.00000	

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 FTA **SDG:** WE53-7
Lab ID : WG145527-2 **Analytical Date:** 06/27/14 12:07
Lab File ID : N2940.D **Instrument ID:** GCMS-N
Initial Calibration Date(s): 06/26/14 10:28 06/26/14 14:06 **Column ID:**

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
2 1,4-Dioxane	0.61266	0.60381	0.60381	0.010	-1.44454	20.00000	Averaged	
5 Bis(2-Chloroethyl)ether	1.68312	1.73992	1.73992	0.010	3.37474	20.00000	Averaged	
6 2-Chlorophenol	1.43729	1.48027	1.48027	0.010	2.99053	20.00000	Averaged	
12 2,2'-Oxybis(1-chloropropane	1.94785	1.93607	1.93607	0.010	-0.60445	20.00000	Averaged	
14 N-Nitroso-di-n-propylamine	0.91342	0.96541	0.96541	0.050	5.69144	20.00000	Averaged	
15 3&4-Methylphenol	1.21276	1.25246	1.25246	0.010	3.27297	20.00000	Averaged	
16 Hexachloroethane	0.61397	0.60894	0.60894	0.010	-0.82064	20.00000	Averaged	
17 Nitrobenzene	1.00000	0.77481	0.31188	0.010	-22.51946	20.00000	Linear	*
22 2,4-Dichlorophenol	0.27107	0.29350	0.29350	0.010	8.27751	20.01000	Averaged	
25 Naphthalene	0.99024	1.09922	1.09922	0.010	11.00566	20.00000	Averaged	
26 4-Chloroaniline	0.35165	0.41629	0.41629	0.010	18.38165	20.00000	Averaged	
27 Hexachlorobutadiene	0.15698	0.16361	0.16361	0.010	4.22139	20.01000	Averaged	
31 2-Methylnaphthalene	1.00000	1.15628	0.80512	0.010	15.62823	20.00000	Linear	
33 1,2,4,5-Tetrachlorobenzene	0.62161	0.64708	0.64708	0.010	4.09706	20.00000	Averaged	
34 Hexachlorocyclopentadiene	1.00000	0.91546	0.29730	0.050	-8.45398	20.00000	Linear	
36 2,4,6-Trichlorophenol	0.42216	0.43236	0.43236	0.010	2.41632	20.01000	Averaged	
39 1,1'-Biphenyl	1.76264	1.95475	1.95475	0.010	10.89891	20.00000	Averaged	
40 2-Nitroaniline	0.33304	0.33041	0.33041	0.010	-0.78885	20.00000	Averaged	
42 2,6-Dinitrotoluene	0.34110	0.36896	0.36896	0.010	8.16814	20.00000	Averaged	
44 3-Nitroaniline	1.00000	1.19158	0.23663	0.010	19.15788	20.00000	Quadratic	
47 2,4-Dinitrophenol	3.00000	2.75013	0.08323	0.050	-8.32886	20.00000	Quadratic	
48 Dibenzofuran	1.76686	1.85341	1.85341	0.010	4.89881	20.00000	Averaged	
50 2,4-Dinitrotoluene	1.00000	1.02705	0.39618	0.010	2.70485	20.00000	Linear	
56 4-Nitroaniline	0.18367	0.19512	0.19512	0.010	6.23089	20.00000	Averaged	
57 4,6-Dinitro-2-Methylphenol	3.00000	2.94750	0.10254	0.010	-1.74989	20.00000	Quadratic	
60 Hexachlorobenzene	0.31504	0.31209	0.31209	0.010	-0.93470	20.00000	Averaged	
61 Atrazine	0.17839	0.19193	0.19193	0.010	7.59143	20.00000	Averaged	
62 Pentachlorophenol	0.17458	0.17557	0.17557	0.010	0.56290	20.01000	Averaged	
64 Phenanthrene	1.25974	1.29120	1.29120	0.010	2.49737	20.00000	Averaged	
70 Pyrene	1.00000	1.14038	2.64502	0.010	14.03848	20.00000	Linear	
72 Benzo(a)anthracene	1.22168	1.22969	1.22969	0.010	0.65582	20.00000	Averaged	
74 Chrysene	1.00000	1.10620	1.63359	0.010	10.61972	20.00000	Linear	
75 3,3'-Dichlorobenzidine	0.31047	0.32990	0.32990	0.010	6.25642	20.00000	Averaged	
76 bis(2-Ethylhexyl)phthalate	3.00000	3.75923	2.91267	0.010	25.30769	20.00000	Quadratic	*
78 Benzo(b)fluoranthene	1.28630	1.29214	1.29214	0.010	0.45437	20.00000	Averaged	
80 Benzo(a)pyrene	1.26772	1.21299	1.21299	0.010	-4.31767	20.01000	Averaged	
82 Indeno(1,2,3-cd)pyrene	0.62878	0.51984	0.51984	0.010	-17.32633	20.00000	Averaged	
83 Dibenzo(a,h)anthracene	0.70832	0.53518	0.53518	0.010	-24.44370	20.00000	Averaged	*
30 2-Methylnaphthalene-D10	1.20748	1.30249	1.30249	0.010	7.86869	20.00000	Averaged	
35 2,4-Dibromophenol	0.39364	0.40136	0.40136	0.010	1.96182	20.00000	Averaged	
52 Fluorene-D10	0.92133	0.94393	0.94393	0.010	2.45363	20.00000	Averaged	

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 FTA
SDG: WE53-7
Lab ID : WG145527-2
Analytical Date: 06/27/14 12:07
Lab File ID : N2940.D
Instrument ID: GCMS-N
Initial Calibration Date(s): 06/26/14 10:28 06/26/14 14:06
Column ID:

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
69 Pyrene-D10	1.39539	1.55111	1.55111	0.010	11.15951	20.00000	Averaged

*** = Compound out of QC criteria**

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http://katahdinlab.com
sales@katahdinlab.com

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 FTA **SDG:** WE53-7
Lab ID : WG145582-2 **Analytical Date:** 06/28/14 08:36
Lab File ID : N2957.D **Instrument ID:** GCMS-N
Initial Calibration Date(s): 06/26/14 10:28 06/26/14 14:06 **Column ID:**

	Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
2	1,4-Dioxane	0.61266	0.66702	0.66702	0.010	8.87385	20.00000	Averaged	
5	Bis(2-Chloroethyl)ether	1.68312	1.70297	1.70297	0.010	1.17925	20.00000	Averaged	
6	2-Chlorophenol	1.43729	1.43028	1.43028	0.010	-0.48781	20.00000	Averaged	
12	2,2'-Oxybis(1-chloropropane	1.94785	1.91974	1.91974	0.010	-1.44302	20.00000	Averaged	
14	N-Nitroso-di-n-propylamine	0.91342	0.86628	0.86628	0.050	-5.16106	20.00000	Averaged	
15	3&4-Methylphenol	1.21276	1.20470	1.20470	0.010	-0.66469	20.00000	Averaged	
16	Hexachloroethane	0.61397	0.60908	0.60908	0.010	-0.79638	20.00000	Averaged	
17	Nitrobenzene	1.00000	1.19090	0.45098	0.010	19.08983	20.00000	Linear	
22	2,4-Dichlorophenol	0.27107	0.28959	0.28959	0.010	6.83232	20.01000	Averaged	
25	Naphthalene	0.99024	1.08166	1.08166	0.010	9.23185	20.00000	Averaged	
26	4-Chloroaniline	0.35165	0.37365	0.37365	0.010	6.25696	20.00000	Averaged	
27	Hexachlorobutadiene	0.15698	0.17500	0.17500	0.010	11.48112	20.01000	Averaged	
31	2-Methylnaphthalene	1.00000	1.04126	0.73944	0.010	4.12600	20.00000	Linear	
33	1,2,4,5-Tetrachlorobenzene	0.62161	0.68111	0.68111	0.010	9.57252	20.00000	Averaged	
34	Hexachlorocyclopentadiene	1.00000	0.98635	0.32338	0.050	-1.36524	20.00000	Linear	
36	2,4,6-Trichlorophenol	0.42216	0.44590	0.44590	0.010	5.62454	20.01000	Averaged	
39	1,1'-Biphenyl	1.76264	1.97638	1.97638	0.010	12.12597	20.00000	Averaged	
40	2-Nitroaniline	0.33304	0.31140	0.31140	0.010	-6.49701	20.00000	Averaged	
42	2,6-Dinitrotoluene	0.34110	0.33516	0.33516	0.010	-1.74065	20.00000	Averaged	
44	3-Nitroaniline	1.00000	0.98606	0.19826	0.010	-1.39388	20.00000	Quadratic	
47	2,4-Dinitrophenol	3.00000	2.92429	0.08982	0.050	-2.52375	20.00000	Quadratic	
48	Dibenzofuran	1.76686	1.77819	1.77819	0.010	0.64165	20.00000	Averaged	
50	2,4-Dinitrotoluene	1.00000	0.90792	0.34482	0.010	-9.20817	20.00000	Linear	
56	4-Nitroaniline	0.18367	0.17721	0.17721	0.010	-3.52100	20.00000	Averaged	
57	4,6-Dinitro-2-Methylphenol	3.00000	3.08222	0.10798	0.010	2.74075	20.00000	Quadratic	
60	Hexachlorobenzene	0.31504	0.33572	0.33572	0.010	6.56631	20.00000	Averaged	
61	Atrazine	0.17839	0.19354	0.19354	0.010	8.49493	20.00000	Averaged	
62	Pentachlorophenol	0.17458	0.19747	0.19747	0.010	13.10846	20.01000	Averaged	
64	Phenanthrene	1.25974	1.29504	1.29504	0.010	2.80287	20.00000	Averaged	
70	Pyrene	1.00000	1.15315	2.67070	0.010	15.31512	20.00000	Linear	
72	Benzo(a)anthracene	1.22168	1.11283	1.11283	0.010	-8.90980	20.00000	Averaged	
74	Chrysene	1.00000	1.14623	1.68461	0.010	14.62317	20.00000	Linear	
75	3,3'-Dichlorobenzidine	0.31047	0.29607	0.29607	0.010	-4.63714	20.00000	Averaged	
76	bis(2-Ethylhexyl)phthalate	3.00000	3.81271	2.94541	0.010	27.09030	20.00000	Quadratic	*
78	Benzo(b)fluoranthene	1.28630	1.07773	1.07773	0.010	-16.21478	20.00000	Averaged	
80	Benzo(a)pyrene	1.26772	1.26717	1.26717	0.010	-0.04385	20.01000	Averaged	
82	Indeno(1,2,3-cd)pyrene	0.62878	0.56059	0.56059	0.010	-10.84427	20.00000	Averaged	
83	Dibenzo(a,h)anthracene	0.70832	0.65962	0.65962	0.010	-6.87611	20.00000	Averaged	
30	2-Methylnaphthalene-D10	1.20748	1.35391	1.35391	0.010	12.12738	20.00000	Averaged	
35	2,4-Dibromophenol	0.39364	0.37449	0.37449	0.010	-4.86543	20.00000	Averaged	
52	Fluorene-D10	0.92133	0.90052	0.90052	0.010	-2.25845	20.00000	Averaged	

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 FTA
SDG: WE53-7
Lab ID : WG145582-2
Analytical Date: 06/28/14 08:36
Lab File ID : N2957.D
Instrument ID: GCMS-N
Initial Calibration Date(s): 06/26/14 10:28 06/26/14 14:06
Column ID:

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
69 Pyrene-D10	1.39539	1.53185	1.53185	0.010	9.77909	20.00000	Averaged

*** = Compound out of QC criteria**

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Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145455-4
Lab File ID : N2922.D

SDG: WE53-7
Analytical Date: 06/26/14 10:28
Instrument ID: GCMS-N

		1,4-DICHLOROBENZENE-D4		NAPHTHALENE-D8		ACENAPHTHENE-D10	
		Area #	RT #	Area #	RT #	Area #	RT #
	Std .	52680	8.97	182742	11.76	70740	15.86
	Upper Limit	105360	9.47	365484	12.26	141480	16.36
	Lower Limit	26340	8.47	91371	11.26	35370	15.36
Client Sample ID	Lab Sample ID						
Method Blank Sample	WG145278-1	56007	8.99	198171	11.78	72706	15.86
Continuing Calibrati	WG145527-2	72851	8.97	249902	11.76	96984	15.84
Method Blank Sample	WG145381-1	73278	8.99	263061	11.78	104443	15.86
Laboratory Control S	WG145381-2	70817	8.97	251519	11.76	99497	15.84
Laboratory Control S	WG145381-3	72795	8.97	267586	11.76	103784	15.84
Laboratory Control S	WG145278-2	72055	8.97	263479	11.76	104025	15.84
Laboratory Control S	WG145278-3	69569	8.97	251929	11.76	100192	15.84
FTA-MW-9-061714	SH4401-2	65946	8.99	242100	11.76	94026	15.84
FTA-MW-10-061714	SH4401-4	68636	8.99	243562	11.76	96225	15.84
FTA-MW-11-061714	SH4401-6	73070	8.97	262791	11.78	100405	15.86
FTA-MW-12-061714	SH4401-8	72170	8.99	261952	11.76	100676	15.84
FTA-MW-5-061814	SH4401-10	69849	8.99	243932	11.76	95289	15.84
FTA-MW-203-061814	SH4401-12	73755	8.97	260101	11.78	106650	15.86
FTA-GW-DUP01-0618	SH4401-14	74940	8.97	271674	11.76	103638	15.84
FTA-MW-218-061814	SH4401-16	70681	8.99	252431	11.78	95199	15.86
FTA-MW-206-061814	SH4401-18	66550	8.99	240173	11.78	91537	15.86
FTA-MW-14-061714	SH4401-20	70196	8.97	251792	11.76	99708	15.84
Continuing Calibrati	WG145582-2	64150	8.97	210776	11.75	74517	15.84
FTA-MW-208-061814	SH4521-2	65873	8.97	222227	11.78	81968	15.86
FTA-MW-1-061814	SH4521-4	68023	8.97	230991	11.78	80924	15.86
FTA-GW-DUP02-0618	SH4521-6	73579	8.97	256562	11.76	92524	15.84
FTA-MW-210-061814	SH4521-8	64751	8.97	222388	11.76	89191	15.84
Matrix Spike	WG145381-4	65502	8.97	222143	11.76	87248	15.84
Matrix Spike Duplica	WG145381-5	71925	8.97	235558	11.76	94468	15.84
FTA-SW-01-061914	SH4521-10	61818	8.97	217507	11.76	80825	15.84
FTA-SW-02-061914	SH4521-12	68500	8.97	248292	11.76	95780	15.84
FTA-SW-03-061914	SH4521-14	61040	8.97	211882	11.76	85326	15.84
Matrix Spike	WG145381-6	69183	8.97	234842	11.75	97025	15.84
Matrix Spike Duplica	WG145381-7	66934	8.97	224140	11.75	95726	15.84
FTA-SW-06-061914	SH4521-16	65105	8.97	219547	11.76	89120	15.84
FTA-SW-07-061914	SH4521-18	68803	8.97	242361	11.76	100175	15.84
FTA-SW-08-061914	SH4521-20	66223	8.97	238406	11.76	93664	15.84
FTA-SW-DUP01-0619	SH4521-22	64245	8.97	225481	11.76	91236	15.84
FTA-SD-RB01-062014	SH4521-24	65638	8.97	232517	11.76	92665	15.84

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145455-4
Lab File ID : N2922.D

SDG: WE53-7
Analytical Date: 06/26/14 10:28
Instrument ID: GCMS-N

		PHENANTHRENE-D10		CHRYSENE-D12		PERYLENE-D12	
		Area #	RT #	Area #	RT #	Area #	RT #
	Std .	100886	19.34	46639	25.59	36836	28.71
	Upper Limit	201772	19.84	93278	26.09	73672	29.21
	Lower Limit	50443	18.84	23319.5	25.09	18418	28.21
Client Sample ID	Lab Sample ID						
Method Blank Sample	WG145278-1	103359	19.34	40617	25.60	26730	28.72
Continuing Calibrati	WG145527-2	138115	19.32	59403	25.59	44571	28.71
Method Blank Sample	WG145381-1	152284	19.34	68028	25.60	45431	28.72
Laboratory Control S	WG145381-2	141621	19.32	68963	25.58	50085	28.71
Laboratory Control S	WG145381-3	150420	19.32	75270	25.58	53501	28.71
Laboratory Control S	WG145278-2	144410	19.32	69751	25.59	48087	28.71
Laboratory Control S	WG145278-3	141642	19.32	65239	25.59	46234	28.71
FTA-MW-9-061714	SH4401-2	121176	19.32	52031	25.58	37635	28.71
FTA-MW-10-061714	SH4401-4	135805	19.32	60672	25.59	41652	28.71
FTA-MW-11-061714	SH4401-6	146935	19.34	60471	25.59	40039	28.71
FTA-MW-12-061714	SH4401-8	142810	19.32	63348	25.59	40608	28.71
FTA-MW-5-061814	SH4401-10	130542	19.32	56432	25.59	40056	28.71
FTA-MW-203-061814	SH4401-12	159915	19.32	69406	25.59	45814	28.71
FTA-GW-DUP01-0618	SH4401-14	145139	19.32	63903	25.59	43511	28.71
FTA-MW-218-061814	SH4401-16	133861	19.34	50036	25.60	34068	28.72
FTA-MW-206-061814	SH4401-18	131925	19.34	48602	25.60	32375	28.72
FTA-MW-14-061714	SH4401-20	151433	19.32	68866	25.58	44772	28.71
Continuing Calibrati	WG145582-2	94873	19.32	38058	25.59	28163	28.72
FTA-MW-208-061814	SH4521-2	102417	19.34	29774	25.60	23267	28.72
FTA-MW-1-061814	SH4521-4	97942	19.34	32303	25.60	22986	28.72
FTA-GW-DUP02-0618	SH4521-6	109259	19.34	37850	25.60	26047	28.72
FTA-MW-210-061814	SH4521-8	127731	19.32	50357	25.58	32561	28.71
Matrix Spike	WG145381-4	124787	19.32	58141	25.58	38012	28.69
Matrix Spike Duplica	WG145381-5	126936	19.32	58089	25.58	37465	28.69
FTA-SW-01-061914	SH4521-10	116283	19.32	44364	25.58	28536	28.71
FTA-SW-02-061914	SH4521-12	140936	19.32	55478	25.59	33821	28.71
FTA-SW-03-061914	SH4521-14	123242	19.32	47461	25.58	32886	28.71
Matrix Spike	WG145381-6	144640	19.32	64703	25.58	43592	28.71
Matrix Spike Duplica	WG145381-7	144205	19.32	63913	25.58	40331	28.69
FTA-SW-06-061914	SH4521-16	127282	19.32	54971	25.58	32777	28.71
FTA-SW-07-061914	SH4521-18	146623	19.32	59561	25.58	34680	28.69
FTA-SW-08-061914	SH4521-20	131997	19.32	54721	25.58	35371	28.71
FTA-SW-DUP01-0619	SH4521-22	133994	19.32	57839	25.58	36322	28.69
FTA-SD-RB01-062014	SH4521-24	138805	19.32	51837	25.58	30485	28.71

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145455-4
Lab File ID : N2922.D

SDG: WE53-7
Analytical Date: 06/26/14 10:28
Instrument ID: GCMS-N

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area
RT Upper Limit = + 0.50 minutes of internal standard RT
RT Lower Limit = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-24
Client ID: FTA-SD-RB01-062014
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 1HG00452.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145481

Analysis Date: 21-JUL-14
Analyst: JLP
Analysis Method: SW846 8081B
Matrix: AQ
% Solids: NA
Report Date: 22-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
alpha-BHC	U	0.0047	ug/L	1	.05	0.0094	0.0013	0.0047
Gamma-BHC	U	0.0047	ug/L	1	.05	0.0094	0.0014	0.0047
Heptachlor	U	0.0047	ug/L	1	.05	0.0094	0.0015	0.0047
Aldrin	U	0.0047	ug/L	1	.05	0.0094	0.0014	0.0047
beta-BHC	U	0.0047	ug/L	1	.05	0.0094	0.0012	0.0047
delta-BHC	U	0.0047	ug/L	1	.05	0.0094	0.0024	0.0047
Heptachlor Epoxide	U	0.0047	ug/L	1	.05	0.0094	0.0014	0.0047
Endosulfan I	U	0.0047	ug/L	1	.05	0.0094	0.0012	0.0047
Gamma-Chlordane	U	0.0047	ug/L	1	.05	0.0094	0.0011	0.0047
Alpha-Chlordane	U	0.0047	ug/L	1	.05	0.0094	0.0014	0.0047
4,4'-DDE	U	0.0094	ug/L	1	.1	0.019	0.00092	0.0094
Dieldrin	U	0.0094	ug/L	1	.1	0.019	0.0012	0.0094
Endrin	U	0.0094	ug/L	1	.1	0.019	0.0016	0.0094
4,4'-DDD	U	0.0094	ug/L	1	.1	0.019	0.0017	0.0094
Endosulfan II	U	0.0094	ug/L	1	.1	0.019	0.0011	0.0094
4,4'-DDT	U	0.0094	ug/L	1	.1	0.019	0.0017	0.0094
Endrin Aldehyde	UL	0.0094	ug/L	1	.1	0.019	0.0012	0.0094
Endosulfan Sulfate	U	0.0094	ug/L	1	.1	0.019	0.0013	0.0094
Methoxychlor	U	0.047	ug/L	1	.5	0.094	0.0016	0.047
Endrin Ketone	U	0.0094	ug/L	1	.1	0.019	0.0015	0.0094
Toxaphene	U	0.094	ug/L	1	1	0.19	0.032	0.094
Tetrachloro-M-Xylene		59.2	%					
Decachlorobiphenyl		62.4	%					

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Cert No E87604

Report of Analytical Results

Client:
Lab ID: WG145481-1RA
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: 1HG00448.D

Sample Date:
Received Date:
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145481

Analysis Date: 21-JUL-14
Analyst: JLP
Analysis Method: SW846 8081B
Matrix: AQ
% Solids: NA
Report Date: 22-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
alpha-BHC	U	0.0050	ug/L	1	.05	0.010	0.0014	0.0050
Gamma-BHC	U	0.0050	ug/L	1	.05	0.010	0.0014	0.0050
Heptachlor	U	0.0050	ug/L	1	.05	0.010	0.0016	0.0050
Aldrin	U	0.0050	ug/L	1	.05	0.010	0.0015	0.0050
beta-BHC	U	0.0050	ug/L	1	.05	0.010	0.0013	0.0050
delta-BHC	U	0.0050	ug/L	1	.05	0.010	0.0026	0.0050
Heptachlor Epoxide	U	0.0050	ug/L	1	.05	0.010	0.0015	0.0050
Endosulfan I	U	0.0050	ug/L	1	.05	0.010	0.0013	0.0050
Gamma-Chlordane	U	0.0050	ug/L	1	.05	0.010	0.0012	0.0050
Alpha-Chlordane	U	0.0050	ug/L	1	.05	0.010	0.0015	0.0050
4,4'-DDE	U	0.010	ug/L	1	.1	0.020	0.00098	0.010
Dieldrin	U	0.010	ug/L	1	.1	0.020	0.0013	0.010
Endrin	U	0.010	ug/L	1	.1	0.020	0.0017	0.010
4,4'-DDD	U	0.010	ug/L	1	.1	0.020	0.0018	0.010
Endosulfan II	U	0.010	ug/L	1	.1	0.020	0.0011	0.010
4,4'-DDT	U	0.010	ug/L	1	.1	0.020	0.0018	0.010
Endrin Aldehyde	U	0.010	ug/L	1	.1	0.020	0.0012	0.010
Endosulfan Sulfate	U	0.010	ug/L	1	.1	0.020	0.0013	0.010
Methoxychlor	U	0.050	ug/L	1	.5	0.10	0.0017	0.050
Endrin Ketone	U	0.010	ug/L	1	.1	0.020	0.0016	0.010
Toxaphene	U	0.10	ug/L	1	1	0.20	0.034	0.10
Tetrachloro-M-Xylene		44.2	%					
Decachlorobiphenyl		77.5	%					

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **Project:** NCTAMSLANT Cutler CTO WE53 **Matrix:** AQ
Lab Code: KAS **SDG:** WE53-7

Client Sample ID	Lab Sample ID	Col. ID	DCB	#	TCX	#
FTA-SD-RB01-062014	SH4521-24	B	61.9		56.1	
FTA-SD-RB01-062014	SH4521-24	A	62.4		59.2	
Method Blank Sample	WG145481-1RA	B	77.0		43.0	
Method Blank Sample	WG145481-1RA	A	77.5		44.2	
Laboratory Control S	WG145481-2RA	B	72.0		37.6	
Laboratory Control S	WG145481-2RA	A	73.0		37.8	
Laboratory Control S	WG145481-3RA	B	76.0		45.8	
Laboratory Control S	WG145481-3RA	A	76.5		46.2	
Laboratory Control S	WG145481-4RA	B	76.0		46.2	
Laboratory Control S	WG145481-4RA	A	76.0		46.8	

		QC Limits
TCX	TETRACHLORO-M-XYLENE	25-140
DCB	DECACHLOROBIPHENYL	30-135

= Column to be used to flag recovery limits.
* = Values outside of contract required QC limits.
D= System Monitoring Compound diluted out.

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ANALYTICAL SERVICES

Cert No E87604

LCS/LCSD Recovery Report

LCS ID: WG145481-2RA
LCSD ID: WG145481-3RA
Project:
SDG: WE53-7
Report Date: 22-JUL-14
LCS File ID: 1HG00449.D

Received Date:
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145481
LCSD File ID: 1HG00450.D

Analysis Date: 21-JUL-14
Analyst: JLP
Analysis Method: SW846 8081B
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
alpha-BHC	0.100	0.0624	62.4	0.0733	73.3	ug/L	16	30	60-130
Gamma-BHC	0.100	0.0679	67.9	0.0783	78.3	ug/L	14	30	25-135
Heptachlor	0.100	0.0550	55.0	0.0670	67.0	ug/L	20	30	40-130
Aldrin	0.100	0.0508	50.8	0.0600	60.0	ug/L	17	30	25-140
beta-BHC	0.100	0.0716	71.6	0.0820	82.0	ug/L	14	30	65-125
delta-BHC	0.100	0.0744	74.4	0.0871	87.1	ug/L	16	30	45-135
Heptachlor Epoxide	0.100	0.0760	76.0	0.0864	86.4	ug/L	13	30	60-130
Endosulfan I	0.100	0.0685	68.5	0.0757	75.7	ug/L	10	30	50-110
Gamma-Chlordane	0.100	0.0675	67.5	0.0786	78.6	ug/L	15	30	60-125
Alpha-Chlordane	0.100	0.0718	71.8	0.0814	81.4	ug/L	12	30	65-125
4,4'-DDE	0.100	0.0729	72.9	0.0802	80.2	ug/L	10	30	35-140
Dieldrin	0.100	0.0789	78.9	0.0855	85.5	ug/L	8	30	60-130
Endrin	0.100	0.0779	77.9	0.0864	86.4	ug/L	10	30	55-135
4,4'-DDD	0.100	0.0860	86.0	0.0840	84.0	ug/L	2	30	25-150
Endosulfan II	0.100	0.0705	70.5	0.0787	78.7	ug/L	11	30	30-130
4,4'-DDT	0.100	0.0821	82.1	0.0838	83.8	ug/L	2	30	45-140
Endrin Aldehyde	0.100	0.0496	49.6*	0.0580	58.0	ug/L	16	30	55-135
Endosulfan Sulfate	0.100	0.0801	80.1	0.0868	86.8	ug/L	8	30	55-135
Methoxychlor	0.100	0.0772	77.2	0.0820	82.0	ug/L	6	30	55-150
Endrin Ketone	0.100	0.0777	77.7	0.0823	82.3	ug/L	6	30	75-125
Tetrachloro-M-Xylene			37.8		46.2				25-140
Decachlorobiphenyl			73.0		76.5				30-135

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

LCS Recovery Report

Client:
Lab ID: WG145481-4RA
Client ID: LCS1
Project:
SDG: WE53-7
LCS File ID: 1HG00451.D

Sample Date:
Received Date:
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145481

Analysis Date: 21-JUL-14
Analyst: JLP
Analysis Method: SW846 8081B
Matrix: AQ
% Solids: NA
Report Date: 22-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Toxaphene	88.0	2.00	1.76	ug/L	32-110
Tetrachloro-M-Xylene	46.8				25-140
Decachlorobiphenyl	76.0				30-135

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Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : 1HG00448.D
Matrix : AQ

Column A
Instrument ID : GC01
Date Analyzed : 21-JUL-14
Time Analyzed : 13:38

SDG : WE53-7
Lab Sample ID : WG145481-1RA
Date Extracted : 26-JUN-14
Extraction Method : SW846 3510

Column B
Instrument ID : GC01
Date Analyzed : 21-JUL-14
Time Analyzed : 13:38

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG145481-2RA	1HG00449.	07/21/14	13:55
Laboratory Control S	WG145481-3RA	1HG00450.	07/21/14	14:13
Laboratory Control S	WG145481-4RA	1HG00451.	07/21/14	14:30
FTA-SD-RB01-062014	SH4521-24	1HG00452.	07/21/14	14:48

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC01
Lab File IDs : 1HF00258.D 1HF00259.D 1HF00260.D 1HF00257.D 1HF00261.D 1HF00262.D
Column ID: A
Calibration Date(s): 16-JUN-14 16:39, 16-JUN-14 20:07

	0.0050000 Level 1	0.0100000 Level 2	0.0250000 Level 3	0.0500000 Level 4	0.1000000 Level 5	0.2500000 Level 6	New Crv	b	m1	m2	%RSD	Max %RSD	
Toxaphene(3)	224	675	1633	3271	9455	38365	LNR	0.08119	3868		0.99990	0.99000	O
Toxaphene(6)	209	577	1339	2731	7949	32169	LNR	0.08070	3244		0.99988	0.99000	O
Toxaphene(4)	457	1254	2803	5611	15833	59609	LNR	0.00971	5987		0.99960	0.99000	O
Toxaphene(1)	115	285	592	1222	3421	14219	LNR	0.08039	1432		0.99986	0.99000	O
Toxaphene(7)	653	1779	3966	8010	21514	77991	LNR	-0.03881	7811		0.99922	0.99000	O
Toxaphene(8)	250	620	1387	2853	8072	31931	LNR	0.05145	3213		0.99988	0.99000	O
Toxaphene(9)	204	406	870	1916	5761	26430	LNR	0.17790	2679		0.99901	0.99000	O
Toxaphene(2)	249	621	1368	2764	7867	31048	LNR	0.04799	3123		0.99986	0.99000	O
Toxaphene(5)	314	867	2027	4035	11342	44810	LNR	0.04749	4507		0.99989	0.99000	O

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC01
Lab File IDs : 1HF00258.D 1HF00259.D 1HF00260.D 1HF00257.D 1HF00261.D 1HF00262.D
Column ID: B
Calibration Date(s): 16-JUN-14 16:39, 16-JUN-14 20:07

	0.0050000 Level 1	0.0100000 Level 2	0.0250000 Level 3	0.0500000 Level 4	0.1000000 Level 5	0.2500000 Level 6	New Crv	b	m1	m2	%RSD	Max %RSD	
Toxaphene(4)	499	1352	2892	5831	16024	61289	LNR	0.01001	6150		0.99977	0.99000	O
Toxaphene(1)	102	277	599	1252	3639	14643	LNR	0.07540	1476		0.99986	0.99000	O
Toxaphene(7)	453	1152	2356	4799	13106	50482	LNR	0.01041	5064		0.99983	0.99000	O
Toxaphene(9)	211	529	1071	2279	6105	24539	LNR	0.04304	2465		0.99996	0.99000	O
Toxaphene(8)	235	536	1040	2172	5859	24045	LNR	0.05318	2415		0.99992	0.99000	O
Toxaphene(5)	265	678	1423	3003	8305	33803	LNR	0.06543	3402		0.99993	0.99000	O
Toxaphene(6)	310	805	1710	3413	9578	38684	LNR	0.05673	3890		0.99991	0.99000	O
Toxaphene(3)	269	792	1721	3649	10597	41270	LNR	0.05478	4158		0.99977	0.99000	O
Toxaphene(2)	125	342	740	1569	4576	19388	LNR	0.11570	1958		0.99976	0.99000	O

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC01
Lab File IDs : 1HG00244.D1HG00245.D1HG00246.D 1HG00255.D1HG00253.D1HG00248.D
Column ID: A
Calibration Date(s): 16-JUN-14 16:39 21-JUL-14 12:34

	Level 1 0.0050000	Level 2 0.0100000	Level 3 0.0250000	Level 4 0.0500000	Level 5 0.1000000	Level 6 0.2500000	Crv New	b	m1	m2	%RSD	Max %RSD	
alpha-BHC	240000	258600	275560	272560	298960	251204	AVG		266147		7.82811	20.00000	O
gamma-BHC	222600	236500	253480	248420	273290	224324	AVG		243102		7.94199	20.00000	O
beta-BHC	101200	104900	103720	100600	112850	98936	AVG		103701		4.79678	20.00000	O
delta-BHC	188800	205000	219280	222580	240240	211144	AVG		214507		8.10862	20.00000	O
Heptachlor	219200	232800	239840	241800	243690	209032	AVG		231060		6.06172	20.00000	O
Aldrin	194200	214300	225520	220400	234950	212604	AVG		216996		6.36160	20.00000	O
Heptachlor Epoxide	186400	199800	202720	194080	201540	181984	AVG		194421		4.41033	20.00000	O
gamma-Chlordane	184000	198900	207240	198280	219050	205524	AVG		202166		5.75941	20.00000	O
alpha-Chlordane	180200	193500	197600	191720	206190	193216	AVG		193738		4.36544	20.00000	O
4,4'-DDE	174400	191700	201280	196440	219980	202380	AVG		197697		7.54204	20.00000	O
Endosulfan I	168600	182300	184400	179960	188640	170940	AVG		179140		4.37347	20.00000	O
Dieldrin	176600	188100	201280	194960	207220	188008	AVG		192695		5.64656	20.00000	O
Endrin	155600	163600	175200	165140	184340	167404	AVG		168547		5.92529	20.00000	O
4,4'-DDD	139600	152400	160400	155840	174150	164404	AVG		157799		7.40087	20.00000	O
Endosulfan II	151800	160100	163520	159380	171200	160204	AVG		161034		3.91854	20.00000	O
4,4'-DDT	147400	156400	165360	159560	178810	171300	AVG		163138		6.84261	20.00000	O
Endrin Aldehyde	127600	134200	135920	129800	137060	130224	AVG		132467		2.86175	20.00000	O
Methoxychlor	79600	82600	83280	76500	84940	82408	AVG		81555		3.70411	20.00000	O
Endosulfan sulfate	127800	130600	132960	125180	138610	131672	AVG		131137		3.51714	20.00000	O
Endrin Ketone	152800	156900	162120	149900	167120	156788	AVG		157605		3.95777	20.00000	O
Tetrachloro-m-Xylene	176000	181400	179800	177200	188990	175148	AVG		179756		2.83495	20.00000	
Decachlorobiphenyl	112200	112500	109800	96940	111630	105804	AVG		108146		5.56846	20.00000	

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC01
Lab File IDs : 1HG00244.D1HG00245.D1HG00246.D 1HG00255.D1HG00253.D1HG00248.D
Column ID: B
Calibration Date(s): 16-JUN-14 16:39 21-JUL-14 12:34

	0.0050000 Level 1	0.0100000 Level 2	0.0250000 Level 3	0.0500000 Level 4	0.1000000 Level 5	0.2500000 Level 6	New Crv	b	m1	m2	%RSD	Max %RSD	
alpha-BHC	355200	349000	360960	348120	373460	289528	AVG		346045		8.44006	20.00000	O
gamma-BHC	328200	338300	340040	321780	340680	291904	AVG		326817		5.71635	20.00000	O
beta-BHC	140400	143300	139520	131480	142560	133324	AVG		138431		3.54213	20.00000	O
delta-BHC	273400	291400	295960	264920	299610	271132	AVG		282737		5.18338	20.00000	O
Heptachlor	277000	283500	286120	258260	272490	235400	AVG		268795		7.10487	20.00000	O
Aldrin	264600	280800	279880	251280	281950	252680	AVG		268532		5.32852	20.00000	O
Heptachlor Epoxide	235400	251500	246760	210800	237980	208172	AVG		231769		7.86715	20.00000	D
gamma-Chlordane	237600	253600	249920	215140	250330	234860	AVG		240242		6.00299	20.00000	O
alpha-Chlordane	230800	238800	236280	203620	239050	222452	AVG		228500		5.99674	20.00000	O
4,4'-DDE	242000	253900	251680	216040	251160	231996	AVG		241129		6.11946	20.00000	O
Endosulfan I	212200	231300	226920	185320	219580	196124	AVG		211907		8.48486	20.00000	O
Dieldrin	221200	238700	243720	198660	240670	220624	AVG		227262		7.57130	20.00000	O
Endrin	178400	187200	190880	156980	191620	174364	AVG		179907		7.32966	20.00000	O
4,4'-DDD	184600	187200	196920	152940	200910	186516	AVG		184848		9.14960	20.00000	O
Endosulfan II	191000	193600	196640	156280	197730	178636	AVG		185648		8.58584	20.00000	O
4,4'-DDT	175400	180700	191800	148600	199400	192612	AVG		181419		10.07435	20.00000	O
Endrin Aldehyde	156200	156900	158600	121540	161730	147904	AVG		150479		9.90413	20.00000	O
Methoxychlor	84000	85000	86760	69800	88040	82516	AVG		82686		7.99339	20.00000	O
Endosulfan sulfate	150000	148600	156280	123480	159530	148932	AVG		147804		8.59928	20.00000	O
Endrin Ketone	145800	158400	165280	134560	164400	155404	AVG		153974		7.69483	20.00000	D
Tetrachloro-m-Xylene	244800	250000	240080	222540	236910	217440	AVG		235295		5.42128	20.00000	
Decachlorobiphenyl	111000	113900	107720	97000	106710	105272	AVG		106934		5.40732	20.00000	

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 7D

Pesticide Calibration Verification Summary

Lab ID: WG146672-1
Client ID: Breakdown Evaluation
Init. Calib. Date(s): 16-JUN-14 -21-JUL-14
Lab File ID: 1HG00439.D

Analysis Date: 21-JUL-14
Report Date: 22-JUL-14
SDG: WE53-7
Column ID: A

Lab Sample ID	Filename	% DDT Breakdown	% Endrin Breakdown
WG146672-1	1HG00439.D	1.03	1.46

QC Limits:

4,4'-DDT breakdown must be less than or equal to 15.0%

Endrin breakdown must be less than or equal to 15.0%

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Form 7D

Pesticide Calibration Verification Summary

Lab ID: WG146672-2
Client ID: Breakdown Evaluation
Init. Calib. Date(s): 16-JUN-14 -21-JUL-14
Lab File ID: 1HG00439.D

Analysis Date: 21-JUL-14
Report Date: 22-JUL-14
SDG: WE53-7
Column ID: B

Lab Sample ID	Filename	% DDT Breakdown	% Endrin Breakdown
WG146672-2	1HG00439.D	1.61	1.63

QC Limits:

4,4'-DDT breakdown must be less than or equal to 15.0%

Endrin breakdown must be less than or equal to 15.0%

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://www.katahdinlab.com

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-16 **Analytical Date:** 07/21/14 13:09
Lab File ID : 1HG00447.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 06/16/14 20:07 **Column ID:** A

Compound	$\overline{RRF}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
18 Toxaphene(7)	0.50000	0.42902	7196	0.001	-14.19643	20.00000	Linear
18 Toxaphene(9)	0.50000	0.42986	1524	0.001	-14.02817	20.00000	Linear
18 Toxaphene(8)	0.50000	0.46405	2712	0.001	-7.18904	20.00000	Linear
18 Toxaphene(6)	0.50000	0.47105	2628	0.001	-5.78957	20.00000	Linear
18 Toxaphene(4)	0.50000	0.48879	5758	0.001	-2.24214	20.00000	Linear
18 Toxaphene(2)	0.50000	0.49100	2822	0.001	-1.79915	20.00000	Linear
18 Toxaphene(5)	0.50000	0.53139	4440	0.001	6.27796	20.00000	Linear
18 Toxaphene(1)	0.50000	0.56109	1418	0.001	12.21814	20.00000	Linear
18 Toxaphene(3)	0.50000	0.58673	4024	0.001	17.34548	20.00000	Linear

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-17 **Analytical Date:** 07/21/14 13:09
Lab File ID : 1HG00447.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 06/16/14 20:07 **Column ID:** B

Compound	$\overline{RRF}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
18 Toxaphene(8)	0.50000	0.30156	1248	0.001	-39.68822	20.00000	Linear	*
18 Toxaphene(6)	0.50000	0.50625	3578	0.001	1.25055	20.00000	Linear	
18 Toxaphene(9)	0.50000	0.51961	2388	0.001	3.92119	20.00000	Linear	
18 Toxaphene(5)	0.50000	0.52537	3210	0.001	5.07492	20.00000	Linear	
18 Toxaphene(7)	0.50000	0.54014	5384	0.001	8.02714	20.00000	Linear	
18 Toxaphene(4)	0.50000	0.55288	6700	0.001	10.57611	20.00000	Linear	
18 Toxaphene(3)	0.50000	0.56991	4366	0.001	13.98175	20.00000	Linear	
18 Toxaphene(2)	0.50000	0.61131	2022	0.001	22.26161	20.00000	Linear	*
18 Toxaphene(1)	0.50000	0.84826	2320	0.001	69.65214	20.00000	Linear	*

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-18 **Analytical Date:** 07/21/14 16:50
Lab File ID : 1HG00459.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 07/21/14 12:34 **Column ID:** A

	Compound	$\overline{\text{RRF}}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
5	alpha-BHC	266147	270960	270960	0.001	1.80827	20.00000	Averaged
6	gamma-BHC	243102	245240	245240	0.001	0.87933	20.00000	Averaged
7	beta-BHC	103701	100080	100080	0.001	-3.49177	20.00000	Averaged
8	delta-BHC	214507	208440	208440	0.001	-2.82850	20.00000	Averaged
9	Heptachlor	231060	226840	226840	0.001	-1.82651	20.00000	Averaged
10	Aldrin	216996	190520	190520	0.001	-12.20101	20.00000	Averaged
13	Heptachlor Epoxide	194421	180640	180640	0.001	-7.08807	20.00000	Averaged
15	gamma-Chlordane	202166	191960	191960	0.001	-5.04817	20.00000	Averaged
17	alpha-Chlordane	193738	183040	183040	0.001	-5.52173	20.00000	Averaged
19	4,4'-DDE	197697	178400	178400	0.001	-9.76074	20.00000	Averaged
20	Endosulfan I	179140	169560	169560	0.001	-5.34777	20.00000	Averaged
21	Dieldrin	192695	177400	177400	0.001	-7.93725	20.00000	Averaged
23	Endrin	168547	159640	159640	0.001	-5.28477	20.00000	Averaged
24	4,4'-DDD	157799	149160	149160	0.001	-5.47469	20.00000	Averaged
26	Endosulfan II	161034	156440	156440	0.001	-2.85281	20.00000	Averaged
27	4,4'-DDT	163138	154480	154480	0.001	-5.30736	20.00000	Averaged
28	Endrin Aldehyde	132467	128160	128160	0.001	-3.25162	20.00000	Averaged
29	Methoxychlor	81555	77800	77800	0.001	-4.60386	20.00000	Averaged
32	Endosulfan sulfate	131137	124360	124360	0.001	-5.16788	20.00000	Averaged
33	Endrin Ketone	157605	157200	157200	0.001	-0.25676	20.00000	Averaged
4	Tetrachloro-m-Xylene	179756	178480	178480	0.001	-0.71004	20.00000	Averaged
34	Decachlorobiphenyl	108146	102280	102280	0.001	-5.42386	20.00000	Averaged

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-19 **Analytical Date:** 07/21/14 16:50
Lab File ID : 1HG00459.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 07/21/14 12:34 **Column ID:** B

	Compound	$\overline{\text{RRF}}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
5	alpha-BHC	346045	348920	348920	0.001	0.83091	20.00000	Averaged	
6	gamma-BHC	326817	307080	307080	0.001	-6.03926	20.00000	Averaged	
7	beta-BHC	138431	127880	127880	0.001	-7.62163	20.00000	Averaged	
8	delta-BHC	282737	262960	262960	0.001	-6.99484	20.00000	Averaged	
9	Heptachlor	268795	272160	272160	0.001	1.25188	20.00000	Averaged	
10	Aldrin	268532	242280	242280	0.001	-9.77600	20.00000	Averaged	
13	Heptachlor Epoxide	231769	203560	203560	0.001	-12.17104	20.00000	Averaged	
15	gamma-Chlordane	240242	195600	195600	0.001	-18.58198	20.00000	Averaged	
17	alpha-Chlordane	228500	182360	182360	0.001	-20.19268	20.00000	Averaged	*
19	4,4'-DDE	241129	193800	193800	0.001	-19.62819	20.00000	Averaged	
20	Endosulfan I	211907	175640	175640	0.001	-17.11471	20.00000	Averaged	
21	Dieldrin	227262	202360	202360	0.001	-10.95753	20.00000	Averaged	
23	Endrin	179907	171760	171760	0.001	-4.52863	20.00000	Averaged	
24	4,4'-DDD	184848	171640	171640	0.001	-7.14516	20.00000	Averaged	
26	Endosulfan II	185648	166040	166040	0.001	-10.56176	20.00000	Averaged	
27	4,4'-DDT	181419	144880	144880	0.001	-20.14052	20.00000	Averaged	*
28	Endrin Aldehyde	150479	123360	123360	0.001	-18.02178	20.00000	Averaged	
29	Methoxychlor	82686	80600	80600	0.001	-2.52280	20.00000	Averaged	
32	Endosulfan sulfate	147804	142640	142640	0.001	-3.49360	20.00000	Averaged	
33	Endrin Ketone	153974	149920	149920	0.001	-2.63291	20.00000	Averaged	
4	Tetrachloro-m-Xylene	235295	237960	237960	0.001	1.13262	20.00000	Averaged	
34	Decachlorobiphenyl	106934	89920	89920	0.001	-15.91049	20.00000	Averaged	

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-20 **Analytical Date:** 07/21/14 17:07
Lab File ID : 1HG00460.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 06/16/14 20:07 **Column ID:** A

Compound	$\overline{RRF}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
18 Toxaphene(7)	0.50000	0.41776	7020	0.001	-16.44722	20.00000	Linear
18 Toxaphene(2)	0.50000	0.43490	2472	0.001	-13.01989	20.00000	Linear
18 Toxaphene(9)	0.50000	0.44111	1584	0.001	-11.77894	20.00000	Linear
18 Toxaphene(6)	0.50000	0.44479	2458	0.001	-11.04155	20.00000	Linear
18 Toxaphene(4)	0.50000	0.45437	5346	0.001	-9.12527	20.00000	Linear
18 Toxaphene(1)	0.50000	0.45820	1124	0.001	-8.35923	20.00000	Linear
18 Toxaphene(8)	0.50000	0.47434	2778	0.001	-5.13209	20.00000	Linear
18 Toxaphene(5)	0.50000	0.48252	4000	0.001	-3.49598	20.00000	Linear
18 Toxaphene(3)	0.50000	0.55745	3798	0.001	11.49076	20.00000	Linear

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146672-21 **Analytical Date:** 07/21/14 17:07
Lab File ID : 1HG00460.D **Instrument ID:** GC01
Initial Calibration Date(s): 06/16/14 16:39 06/16/14 20:07 **Column ID:** B

Compound	$\overline{RRF}$/Amount	RF0.025	CCAL RRF0.025	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
18 Toxaphene(8)	0.50000	0.27917	1140	0.001	-44.16608	20.00000	Linear	*
18 Toxaphene(6)	0.50000	0.49106	3460	0.001	-1.78715	20.00000	Linear	
18 Toxaphene(4)	0.50000	0.50555	6118	0.001	1.11064	20.00000	Linear	
18 Toxaphene(9)	0.50000	0.50823	2332	0.001	1.64672	20.00000	Linear	
18 Toxaphene(5)	0.50000	0.51418	3134	0.001	2.83691	20.00000	Linear	
18 Toxaphene(7)	0.50000	0.52967	5278	0.001	5.93325	20.00000	Linear	
18 Toxaphene(3)	0.50000	0.54053	4122	0.001	8.10501	20.00000	Linear	
18 Toxaphene(2)	0.50000	0.58263	1910	0.001	16.52528	20.00000	Linear	
18 Toxaphene(1)	0.50000	0.75458	2044	0.001	50.91618	20.00000	Linear	*

*** = Compound out of QC criteria**

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : A
Instrument ID : GC01

Client Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCX	DCB	
Initial Calibration	WG144812-1	06/16/14	18:40			
Initial Calibration	WG144812-3	06/16/14	18:58			
Initial Calibration	WG144812-5	06/16/14	19:15			
Initial Calibration	WG144812-7	06/16/14	19:33			
Initial Calibration	WG144812-9	06/16/14	19:50			
Initial Calibration	WG144812-11	06/16/14	20:07			
Breakdown Evaluation	WG146672-1	07/21/14	10:42			
Initial Calibration	WG146672-3	07/21/14	10:59	3.742	11.71	
Initial Calibration	WG146672-5	07/21/14	11:24	3.748	11.71	
Initial Calibration	WG146672-7	07/21/14	11:42	3.74	11.71	
Initial Calibration	WG146672-9	07/21/14	11:59	3.741	11.71	
Initial Calibration	WG146672-11	07/21/14	12:16	3.739	11.71	
Initial Calibration	WG146672-13	07/21/14	12:34	3.739	11.71	
Independent Source	WG146672-15	07/21/14	12:51			
Continuing Calibrati	WG146672-16	07/21/14	13:09			
Method Blank Sample	WG145481-1RA	07/21/14	13:38	3.752	11.71	
Laboratory Control S	WG145481-2RA	07/21/14	13:55	3.741	11.71	
Laboratory Control S	WG145481-3RA	07/21/14	14:13	3.742	11.71	
Laboratory Control S	WG145481-4RA	07/21/14	14:30	3.742	11.71	
FTA-SD-RB01-062014	SH4521-24	07/21/14	14:48	3.743	11.71	
Continuing Calibrati	WG146672-18	07/21/14	16:50	3.74	11.71	
Continuing Calibrati	WG146672-20	07/21/14	17:07			

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : B
Instrument ID : GC01

Client Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCX	DCB	
Initial Calibration	WG144812-2	06/16/14	18:40			
Initial Calibration	WG144812-4	06/16/14	18:58			
Initial Calibration	WG144812-6	06/16/14	19:15			
Initial Calibration	WG144812-8	06/16/14	19:33			
Initial Calibration	WG144812-10	06/16/14	19:50			
Initial Calibration	WG144812-12	06/16/14	20:07			
Breakdown Evaluation	WG146672-2	07/21/14	10:42			
Initial Calibration	WG146672-4	07/21/14	10:59	4.049	12.71	
Initial Calibration	WG146672-6	07/21/14	11:24	4.047	12.71	
Initial Calibration	WG146672-8	07/21/14	11:42	4.049	12.71	
Initial Calibration	WG146672-10	07/21/14	11:59	4.049	12.71	
Initial Calibration	WG146672-12	07/21/14	12:16	4.048	12.71	
Initial Calibration	WG146672-14	07/21/14	12:34	4.048	12.71	
Independent Source	WG146672-15	07/21/14	12:51			
Continuing Calibrati	WG146672-17	07/21/14	13:09			
Method Blank Sample	WG145481-1RA	07/21/14	13:38	4.051	12.71	
Laboratory Control S	WG145481-2RA	07/21/14	13:55	4.05	12.71	
Laboratory Control S	WG145481-3RA	07/21/14	14:13	4.05	12.71	
Laboratory Control S	WG145481-4RA	07/21/14	14:30	4.049	12.71	
FTA-SD-RB01-062014	SH4521-24	07/21/14	14:48	4.05	12.71	
Continuing Calibrati	WG146672-19	07/21/14	16:50	4.047	12.71	
Continuing Calibrati	WG146672-21	07/21/14	17:07			

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-10RE
Client ID: FTA-SW-01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HG300.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 08-JUL-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG146110

Analysis Date: 10-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Aroclor-1016	U	0.024	ug/L	1	.5	0.048	0.014	0.024
Aroclor-1221	U	0.024	ug/L	1	.5	0.048	0.019	0.024
Aroclor-1232	U	0.024	ug/L	1	.5	0.048	0.0086	0.024
Aroclor-1242	U	0.024	ug/L	1	.5	0.048	0.017	0.024
Aroclor-1248	U	0.024	ug/L	1	.5	0.048	0.019	0.024
Aroclor-1254	U	0.024	ug/L	1	.5	0.048	0.0080	0.024
Aroclor-1260	U	0.024	ug/L	1	.5	0.048	0.016	0.024
Aroclor-1262	U	0.024	ug/L	1	.5	0.048	0.0064	0.024
Aroclor-1268	U	0.024	ug/L	1	.5	0.048	0.0070	0.024
Tetrachloro-M-Xylene		72.2	%					
Decachlorobiphenyl		81.2	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-12
Client ID: FTA-SW-02-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF745.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.048	ug/L	1	.5	0.095	0.028
Aroclor-1221	U	0.048	ug/L	1	.5	0.095	0.038
Aroclor-1232	U	0.048	ug/L	1	.5	0.095	0.017
Aroclor-1242	U	0.048	ug/L	1	.5	0.095	0.034
Aroclor-1248	U	0.048	ug/L	1	.5	0.095	0.038
Aroclor-1254	U	0.048	ug/L	1	.5	0.095	0.016
Aroclor-1260	U	0.048	ug/L	1	.5	0.095	0.032
Aroclor-1262	U	0.048	ug/L	1	.5	0.095	0.012
Aroclor-1268	U	0.048	ug/L	1	.5	0.095	0.014
Tetrachloro-M-Xylene	*	47.7	%				
Decachlorobiphenyl		57.4	%				

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-16
Client ID: FTA-SW-06-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF746.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.048	ug/L	1	.5	0.095	0.028
Aroclor-1221	U	0.048	ug/L	1	.5	0.095	0.038
Aroclor-1232	U	0.048	ug/L	1	.5	0.095	0.017
Aroclor-1242	U	0.048	ug/L	1	.5	0.095	0.034
Aroclor-1248	U	0.048	ug/L	1	.5	0.095	0.038
Aroclor-1254		0.38	ug/L	1	.5	0.095	0.016
Aroclor-1260	U	0.048	ug/L	1	.5	0.095	0.032
Aroclor-1262	U	0.048	ug/L	1	.5	0.095	0.012
Aroclor-1268	U	0.048	ug/L	1	.5	0.095	0.014
Tetrachloro-M-Xylene	*	48.9	%				
Decachlorobiphenyl		46.8	%				

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Form 10
Pesticide Identification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53

SDG : WE53-7
Lab Sample ID : SH4521-16
Client Sample ID : FTA-SW-06-061914

Column A
Instrument ID : GC07
Date Analyzed : 06/30/14
Time Analyzed : 22:28

Column B
Instrument ID : GC07
Date Analyzed : 06/30/14
Time Analyzed : 22:28

Analyte	Peak	Column	RT	Concentration	Mean	RPD
Aroclor-1254	1	A	12.09	.263		
	2	A	13.06	.539		
	3	A	14.14	.221		
	4	A	15.79	.433		
	5	A	17.6	.373	.366	
	1	B	13.02	.338		
	2	B	13.72	.408		
	3	B	15.11	.176		
	4	B	16.65	.519		
	5	B	18.57	.437	.376	2.7

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-18
Client ID: FTA-SW-07-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF747.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.047	ug/L	1	.5	0.094	0.028
Aroclor-1221	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1232	U	0.047	ug/L	1	.5	0.094	0.017
Aroclor-1242	U	0.047	ug/L	1	.5	0.094	0.034
Aroclor-1248	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1254	U	0.047	ug/L	1	.5	0.094	0.015
Aroclor-1260	U	0.047	ug/L	1	.5	0.094	0.032
Aroclor-1262	U	0.047	ug/L	1	.5	0.094	0.012
Aroclor-1268	U	0.047	ug/L	1	.5	0.094	0.014
Tetrachloro-M-Xylene	*	45.4	%				
Decachlorobiphenyl		45.8	%				

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-20
Client ID: FTA-SW-08-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF748.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.047	ug/L	1	.5	0.094	0.028
Aroclor-1221	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1232	U	0.047	ug/L	1	.5	0.094	0.017
Aroclor-1242	U	0.047	ug/L	1	.5	0.094	0.034
Aroclor-1248	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1254	U	0.047	ug/L	1	.5	0.094	0.015
Aroclor-1260	U	0.047	ug/L	1	.5	0.094	0.032
Aroclor-1262	U	0.047	ug/L	1	.5	0.094	0.012
Aroclor-1268	U	0.047	ug/L	1	.5	0.094	0.014
Tetrachloro-M-Xylene	*	58.7	%				
Decachlorobiphenyl		59.2	%				

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF749.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 01-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.047	ug/L	1	.5	0.094	0.028
Aroclor-1221	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1232	U	0.047	ug/L	1	.5	0.094	0.017
Aroclor-1242	U	0.047	ug/L	1	.5	0.094	0.034
Aroclor-1248	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1254	U	0.047	ug/L	1	.5	0.094	0.015
Aroclor-1260	U	0.047	ug/L	1	.5	0.094	0.032
Aroclor-1262	U	0.047	ug/L	1	.5	0.094	0.012
Aroclor-1268	U	0.047	ug/L	1	.5	0.094	0.014
Tetrachloro-M-Xylene	*	31.0	%				
Decachlorobiphenyl	*	37.7	%				

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22RE
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HG301.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 08-JUL-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG146110

Analysis Date: 10-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Aroclor-1016	U	0.024	ug/L	1	.5	0.048	0.014	0.024
Aroclor-1221	U	0.024	ug/L	1	.5	0.048	0.019	0.024
Aroclor-1232	U	0.024	ug/L	1	.5	0.048	0.0085	0.024
Aroclor-1242	U	0.024	ug/L	1	.5	0.048	0.017	0.024
Aroclor-1248	U	0.024	ug/L	1	.5	0.048	0.019	0.024
Aroclor-1254	U	0.024	ug/L	1	.5	0.048	0.0078	0.024
Aroclor-1260	U	0.024	ug/L	1	.5	0.048	0.016	0.024
Aroclor-1262	U	0.024	ug/L	1	.5	0.048	0.0063	0.024
Aroclor-1268	U	0.024	ug/L	1	.5	0.048	0.0068	0.024
Tetrachloro-M-Xylene	*	45.0	%					
Decachlorobiphenyl	*	26.9	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-24
Client ID: FTA-SD-RB01-062014
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: 7HF750.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 01-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	PQL	ADJ PQL	ADJ MDL
Aroclor-1016	U	0.047	ug/L	1	.5	0.094	0.028
Aroclor-1221	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1232	U	0.047	ug/L	1	.5	0.094	0.017
Aroclor-1242	U	0.047	ug/L	1	.5	0.094	0.034
Aroclor-1248	U	0.047	ug/L	1	.5	0.094	0.038
Aroclor-1254	U	0.047	ug/L	1	.5	0.094	0.015
Aroclor-1260	U	0.047	ug/L	1	.5	0.094	0.032
Aroclor-1262	U	0.047	ug/L	1	.5	0.094	0.012
Aroclor-1268	U	0.047	ug/L	1	.5	0.094	0.014
Tetrachloro-M-Xylene		78.8	%				
Decachlorobiphenyl		77.2	%				

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Report of Analytical Results

Client:
Lab ID: WG145483-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: 7HF734.D

Sample Date:
Received Date:
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Aroclor-1016	U	0.050	ug/L	1	.5	0.10	0.030	0.050
Aroclor-1221	U	0.050	ug/L	1	.5	0.10	0.040	0.050
Aroclor-1232	U	0.050	ug/L	1	.5	0.10	0.018	0.050
Aroclor-1242	U	0.050	ug/L	1	.5	0.10	0.036	0.050
Aroclor-1248	U	0.050	ug/L	1	.5	0.10	0.040	0.050
Aroclor-1254	U	0.050	ug/L	1	.5	0.10	0.016	0.050
Aroclor-1260	U	0.050	ug/L	1	.5	0.10	0.034	0.050
Aroclor-1262	U	0.050	ug/L	1	.5	0.10	0.013	0.050
Aroclor-1268	U	0.050	ug/L	1	.5	0.10	0.014	0.050
Tetrachloro-M-Xylene	*	37.1	%					
Decachlorobiphenyl		66.0	%					

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client:
Lab ID: WG146110-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: 7HG293.D

Sample Date:
Received Date:
Extract Date: 08-JUL-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG146110

Analysis Date: 10-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Aroclor-1016	U	0.025	ug/L	1	.5	0.050	0.015	0.025
Aroclor-1221	U	0.025	ug/L	1	.5	0.050	0.020	0.025
Aroclor-1232	U	0.025	ug/L	1	.5	0.050	0.0089	0.025
Aroclor-1242	U	0.025	ug/L	1	.5	0.050	0.018	0.025
Aroclor-1248	U	0.025	ug/L	1	.5	0.050	0.020	0.025
Aroclor-1254	U	0.025	ug/L	1	.5	0.050	0.0082	0.025
Aroclor-1260	U	0.025	ug/L	1	.5	0.050	0.017	0.025
Aroclor-1262	U	0.025	ug/L	1	.5	0.050	0.0066	0.025
Aroclor-1268	U	0.025	ug/L	1	.5	0.050	0.0072	0.025
Tetrachloro-M-Xylene		81.1	%					
Decachlorobiphenyl		89.2	%					

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **Project:** NCTAMSLANT Cutler CTO WE53 **Matrix:** AQ
Lab Code: KAS **SDG:** WE53-7

Client Sample ID	Lab Sample ID	Col. ID	DCB	#	TCX	#
FTA-SW-01-061914	SH4521-10RE	A	81.2		65.1	
FTA-SW-01-061914	SH4521-10RE	B	73.1		72.2	
FTA-SW-02-061914	SH4521-12	B	51.9		44.6	*
FTA-SW-02-061914	SH4521-12	A	57.4		47.7	*
FTA-SW-06-061914	SH4521-16	B	45.2		48.9	*
FTA-SW-06-061914	SH4521-16	A	46.8		33.9	*
FTA-SW-07-061914	SH4521-18	B	42.5		45.4	*
FTA-SW-07-061914	SH4521-18	A	45.8		42.1	*
FTA-SW-08-061914	SH4521-20	B	56.6		58.7	*
FTA-SW-08-061914	SH4521-20	A	59.2		56.6	*
FTA-SW-DUP01-061914	SH4521-22	A	37.7	*	25.1	*
FTA-SW-DUP01-061914	SH4521-22	B	35.4	*	31.0	*
FTA-SW-DUP01-061914	SH4521-22RE	A	26.9	*	34.3	*
FTA-SW-DUP01-061914	SH4521-22RE	B	25.6	*	45.0	*
FTA-SD-RB01-062014	SH4521-24	B	69.8		66.1	
FTA-SD-RB01-062014	SH4521-24	A	77.2		78.8	
Method Blank Sample	WG145483-1	B	64.0		35.2	*
Method Blank Sample	WG145483-1	A	66.0		37.1	*
Laboratory Control S	WG145483-2	B	56.0		28.8	*
Laboratory Control S	WG145483-2	A	61.5		29.8	*
Laboratory Control S	WG145483-3	B	78.5		39.9	*
Laboratory Control S	WG145483-3	A	83.0		39.7	*
Method Blank Sample	WG146110-1	A	89.2		81.1	
Method Blank Sample	WG146110-1	B	81.0		59.2	*
Laboratory Control S	WG146110-2	A	83.7		69.6	
Laboratory Control S	WG146110-2	B	75.0		64.1	
Laboratory Control S	WG146110-3	A	84.7		69.5	
Laboratory Control S	WG146110-3	B	75.1		78.6	

		QC Limits
TCX	TETRACHLORO-M-XYLENE	62-111
DCB	DECACHLOROBIPHENYL	40-135

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Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services **Project:** NCTAMSLANT Cutler CTO WE53 **Matrix:** AQ
Lab Code: KAS **SDG:** WE53-7

= Column to be used to flag recovery limits.
* = Values outside of contract required QC limits.
D= System Monitoring Compound diluted out.

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

LCS/LCSD Recovery Report

LCS ID: WG145483-2
LCSD ID: WG145483-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: 7HF735.D

Received Date:
Extract Date: 26-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145483
LCSD File ID: 7HF736.D

Analysis Date: 30-JUN-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Aroclor-1016	1.00	0.514	51.4	0.738	73.8	ug/L	36*	30	25-145
Aroclor-1260	1.00	0.660	66.0	0.915	91.5	ug/L	32*	30	30-145
Tetrachloro-M-Xylene			29.8*		39.9*				62-111
Decachlorobiphenyl			61.5		83.0				40-135

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

LCS/LCSD Recovery Report

LCS ID: WG146110-2
LCSD ID: WG146110-3
Project:
SDG: WE53-7
Report Date: 15-JUL-14
LCS File ID: 7HG294.D

Received Date:
Extract Date: 08-JUL-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG146110
LCSD File ID: 7HG295.D

Analysis Date: 10-JUL-14
Analyst: CB
Analysis Method: SW846 8082A
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Aroclor-1016	0.500	0.371	74.2	0.423	84.6	ug/L	13	30	25-145
Aroclor-1260	0.500	0.437	87.4	0.520	104.	ug/L	17	30	30-145
Tetrachloro-M-Xylene			69.6		78.6				62-111
Decachlorobiphenyl			83.7		84.7				40-135

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Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : 7HF734.D
Matrix : AQ

Column A
Instrument ID : GC07
Date Analyzed : 30-JUN-14
Time Analyzed : 15:15

SDG : WE53-7
Lab Sample ID : WG145483-1
Date Extracted : 26-JUN-14
Extraction Method : SW846 3510

Column B
Instrument ID : GC07
Date Analyzed : 30-JUN-14
Time Analyzed : 15:15

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG145483-2	7HF735.D	06/30/14	15:51
Laboratory Control S	WG145483-3	7HF736.D	06/30/14	16:27
FTA-SW-02-061914	SH4521-12	7HF745.D	06/30/14	21:52
FTA-SW-06-061914	SH4521-16	7HF746.D	06/30/14	22:28
FTA-SW-07-061914	SH4521-18	7HF747.D	06/30/14	23:05
FTA-SW-08-061914	SH4521-20	7HF748.D	06/30/14	23:41
FTA-SW-DUP01-061914	SH4521-22	7HF749.D	07/01/14	00:17
FTA-SD-RB01-062014	SH4521-24	7HF750.D	07/01/14	00:53

Form 4
Method Blank Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : 7HG293.D
Matrix : AQ

Column A
Instrument ID : GC07
Date Analyzed : 10-JUL-14
Time Analyzed : 17:30

SDG : WE53-7
Lab Sample ID : WG146110-1
Date Extracted : 08-JUL-14
Extraction Method : SW846 3510

Column B
Instrument ID : GC07
Date Analyzed : 10-JUL-14
Time Analyzed : 17:30

This Method Blank applies to the following samples, LCS, MS and MSD:

Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
Laboratory Control S	WG146110-2	7HG294.D	07/10/14	18:06
Laboratory Control S	WG146110-3	7HG295.D	07/10/14	18:42
FTA-SW-01-061914	SH4521-10RE	7HG300.D	07/10/14	21:42
FTA-SW-DUP01-061914	SH4521-22RE	7HG301.D	07/10/14	22:19

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC07
Lab File IDs : 7HF324.D 7HF325.D 7HF326.D 7HF332.D 7HF327.D 7HF328.D
Column ID: A
Calibration Date(s): 13-JUN-14 14:57, 14-JUN-14 08:24

	Level 1 0.0500000	Level 2 0.1000000	Level 3 0.2500000	Level 4 1.0000	Level 5 2.5000	Level 6 10.0000	Crv New	b	m1	m2	%RSD	Max %RSD	
Aroclor-1221(3)	+++++	+++++	+++++	5529377	+++++	+++++	AVG		5529377		0.000e+0	20.00000	O
Aroclor-1221(1)	+++++	+++++	+++++	2554207	+++++	+++++	AVG		2554207		0.000e+0	20.00000	O
Aroclor-1221(4)	+++++	+++++	+++++	19884217	+++++	+++++	AVG		19884217		0.000e+0	20.00000	O
Aroclor-1221(2)	+++++	+++++	+++++	8026124	+++++	+++++	AVG		8026124		0.000e+0	20.00000	O
Aroclor-1232(3)	+++++	+++++	+++++	8848517	+++++	+++++	AVG		8848517		0.000e+0	20.00000	O
Aroclor-1232(4)	+++++	+++++	+++++	11443323	+++++	+++++	AVG		11443323		0.000e+0	20.00000	O
Aroclor-1232(2)	+++++	+++++	+++++	10054773	+++++	+++++	AVG		10054773		0.000e+0	20.00000	O
Aroclor-1232(5)	+++++	+++++	+++++	7524523	+++++	+++++	AVG		7524523		0.000e+0	20.00000	O
Aroclor-1232(1)	+++++	+++++	+++++	19186494	+++++	+++++	AVG		19186494		0.000e+0	20.00000	O
Aroclor-1242(2)	13823880	13995110	13808308	13168339	12672944	10753604	AVG		13037031		9.39169	20.00000	O
Aroclor-1242(1)	16047500	16428880	16075232	15414389	14638292	11884555	AVG		15081475		11.19925	20.00000	O
Aroclor-1242(4)	14021200	14076580	13987412	13598637	13863325	14213873	AVG		13960171		1.51098	20.00000	O
Aroclor-1242(3)	33738940	31549380	30441420	31371385	33042189	38235429	AVG		33063124		8.47261	20.00000	O
Aroclor-1242(5)	12050880	13527410	12707568	12981680	13102663	13583750	AVG		12992325		4.37543	20.00000	O
Aroclor-1016(3)	1837299	5993045	8582495	33034389	94973874	44988014	QUA	0.00139	2.785e-00	-1.250e-0	0.99981	0.99000	O
Aroclor-1016(1)	930479	2734509	4593218	16137928	41479216	13807351	QUA	-0.00921	5.637e-00	1.167e-01	0.99990	0.99000	O
Aroclor-1016(2)	788979	2058336	3847350	14108198	36746662	12377715	QUA	0.00393	6.370e-00	1.377e-01	0.99991	0.99000	O
Aroclor-1016(5)	729998	2774942	3664847	13145794	36239029	15118250	QUA	-0.01935	7.164e-00	-3.553e-0	0.99981	0.99000	O
Aroclor-1016(4)	795723	2959985	4064069	14239155	39522689	16536751	QUA	-0.01846	6.576e-00	-3.135e-0	0.99980	0.99000	O
Aroclor-1248(4)	16734020	17933120	17200152	17778665	17471369	20650763	AVG		17961348		7.71174	20.00000	O
Aroclor-1248(1)	7683580	9659180	9122596	8697333	8138891	7319828	AVG		8436901		10.51638	20.00000	O
Aroclor-1248(2)	18365360	21677420	20882252	21202700	20932802	24396031	AVG		21242761		9.08901	20.00000	O
Aroclor-1248(5)	9069380	14716280	14016368	14582029	14488874	17042681	AVG		13985935		18.82480	20.00000	O
Aroclor-1248(3)	22504480	24872350	23681244	23981927	23645314	26551806	AVG		24206187		5.68902	20.00000	O
Aroclor-1254(3)	1232539	2556302	6285195	26007009	70295668	34811973	QUA	0.01111	3.737e-00	-2.492e-0	0.99998	0.99000	O
Aroclor-1254(1)	1465321	3004017	7061458	29392455	79349967	40695692	QUA	0.00902	3.326e-00	-2.142e-0	0.99998	0.99000	O
Aroclor-1254(5)	1880749	3867985	9844676	39615090	112810795	64460528	QUA	0.01816	2.365e-00	-1.267e-0	0.99993	0.99000	O
Aroclor-1254(4)	1900433	4154195	10006527	40679709	119478928	64447154	QUA	0.02462	2.226e-00	-1.052e-0	0.99988	0.99000	O
Aroclor-1254(2)	1728412	3548996	8597073	36049192	98333117	57001817	QUA	0.01126	2.711e-00	-1.681e-0	0.99998	0.99000	O
Aroclor-1260(5)	1676697	5295796	8461122	30746877	95194785	58029253	QUA	0.01749	2.835e-00	-1.921e-0	0.99969	0.99000	D
Aroclor-1260(3)	1956449	7077805	10119746	39217017	114934920	64443478	QUA	0.00573	2.340e-00	-1.224e-0	0.99980	0.99000	D
Aroclor-1260(1)	1412559	5131212	7095376	25613299	77187157	39063742	QUA	0.00415	3.466e-00	-2.323e-0	0.99969	0.99000	D
Aroclor-1260(2)	2381439	9285361	12476143	48087138	144610833	64451397	QUA	0.01600	1.805e-00	-3.982e-0	0.99967	0.99000	D
Aroclor-1260(4)	1166922	3954775	5663268	20509507	63563035	30821716	QUA	0.01554	4.175e-00	-3.038e-0	0.99962	0.99000	D
Aroclor-1262(1)	+++++	+++++	+++++	30082705	+++++	+++++	AVG		30082705		0.000e+0	20.00000	O
Aroclor-1262(5)	+++++	+++++	+++++	64572311	+++++	+++++	AVG		64572311		0.000e+0	20.00000	O
Aroclor-1262(4)	+++++	+++++	+++++	39902133	+++++	+++++	AVG		39902133		0.000e+0	20.00000	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC07
Lab File IDs : 7HF324.D 7HF325.D 7HF326.D 7HF332.D 7HF327.D 7HF328.D
Column ID: A
Calibration Date(s): 13-JUN-14 14:57, 14-JUN-14 08:24

Aroclor-1262(2)	+++++	+++++	+++++	49972110	+++++	+++++	AVG		49972110		0.000e+0	20.00000	O
Aroclor-1262(3)	+++++	+++++	+++++	71661743	+++++	+++++	AVG		71661743		0.000e+0	20.00000	O
Aroclor-1268(3)	+++++	+++++	+++++	14615073	+++++	+++++	AVG		146150735		0.000e+0	20.00000	O
Aroclor-1268(5)	+++++	+++++	+++++	40806786	+++++	+++++	AVG		40806786		0.000e+0	20.00000	O
Aroclor-1268(2)	+++++	+++++	+++++	32528426	+++++	+++++	AVG		32528426		0.000e+0	20.00000	O
Aroclor-1268(1)	+++++	+++++	+++++	25463362	+++++	+++++	AVG		25463362		0.000e+0	20.00000	O
Aroclor-1268(4)	+++++	+++++	+++++	10875235	+++++	+++++	AVG		108752353		0.000e+0	20.00000	O
Tetrachloro-m-xylene	1242477	3962200	5085750	18203414	47933384	16334966	QUA	-0.00042	1.000e-00	1.386e-01	0.99980	0.99000	
Decachlorobiphenyl	391984	1369792	1901411	7040317	19392092	87373280	QUA	-0.00033	2.717e-00	-4.852e-0	0.99985	0.99000	

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File IDs : 7HF324.D 7HF325.D 7HF326.D 7HF332.D 7HF327.D 7HF328.D

SDG: WE53-7
Instrument ID: GC07
Column ID: B
Calibration Date(s): 13-JUN-14 14:57, 14-JUN-14 08:24

	0.0500000 Level 1	0.1000000 Level 2	0.2500000 Level 3	1.0000 Level 4	2.5000 Level 5	10.0000 Level 6	New Crv	b	m1	m2	%RSD	Max %RSD	
Aroclor-1221(4)	+++++	+++++	+++++	1462244	+++++	+++++	AVG		1462244		0.000e+0	20.00000	O
Aroclor-1221(3)	+++++	+++++	+++++	421400	+++++	+++++	AVG		421400		0.000e+0	20.00000	O
Aroclor-1221(2)	+++++	+++++	+++++	612853	+++++	+++++	AVG		612853		0.000e+0	20.00000	O
Aroclor-1221(1)	+++++	+++++	+++++	173549	+++++	+++++	AVG		173549		0.000e+0	20.00000	O
Aroclor-1232(1)	+++++	+++++	+++++	494921	+++++	+++++	AVG		494921		0.000e+0	20.00000	O
Aroclor-1232(3)	+++++	+++++	+++++	624764	+++++	+++++	AVG		624764		0.000e+0	20.00000	O
Aroclor-1232(4)	+++++	+++++	+++++	687954	+++++	+++++	AVG		687954		0.000e+0	20.00000	O
Aroclor-1232(5)	+++++	+++++	+++++	525789	+++++	+++++	AVG		525789		0.000e+0	20.00000	O
Aroclor-1232(2)	+++++	+++++	+++++	693855	+++++	+++++	AVG		693855		0.000e+0	20.00000	O
Aroclor-1016(4)	69558	258274	328862	1181839	2948187	11045171	QUA	-0.04607	8.517e-00	5.230e-01	0.99989	0.99000	O
Aroclor-1016(3)	137602	446674	617889	2259616	5713712	21111093	QUA	-0.03309	4.352e-00	1.894e-01	0.99992	0.99000	O
Aroclor-1016(1)	74899	246244	345281	1196442	2885404	10390050	QUA	-0.05333	8.548e-00	1.085e-01	0.99993	0.99000	O
Aroclor-1016(5)	58338	217907	282151	978159	2484160	9359581	QUA	-0.04567	1.016e-00	6.130e-01	0.99987	0.99000	O
Aroclor-1016(2)	63324	237391	296931	1055150	2581392	9200189	QUA	-0.05030	9.520e-00	1.526e-01	0.99989	0.99000	O
Aroclor-1242(4)	1228520	1163220	1153128	1071751	1012975	927564	AVG		1092860		10.11814	20.00000	O
Aroclor-1242(3)	2338320	2262040	2137324	2073378	1941683	1792576	AVG		2090887		9.66597	20.00000	O
Aroclor-1242(1)	1346100	1262390	1223608	1092724	1012502	864340	AVG		1133611		15.7149(	20.00000	O
Aroclor-1242(5)	1004800	1027200	981792	921166	872058	804947	AVG		935327		9.15087	20.00000	O
Aroclor-1242(2)	1132600	1093140	1037640	959304	891249	777297	AVG		981872		13.57138	20.00000	O
Aroclor-1248(2)	1706040	1898160	1711924	1591263	1477680	1414341	AVG		1633235		10.7995(	20.00000	O
Aroclor-1248(5)	1066660	1131780	1042752	984887	910822	928493	AVG		1010899		8.41927	20.00000	O
Aroclor-1248(1)	1509460	1670150	1516428	1384665	1305054	1246261	AVG		1438670		10.8767(	20.00000	O
Aroclor-1248(4)	1451960	1426660	1327460	1251294	1171750	1175602	AVG		1300788		9.36382	20.00000	O
Aroclor-1248(3)	1211560	1314700	1180716	1117217	1053829	1047506	AVG		1154255		8.88424	20.00000	O
Aroclor-1254(4)	145770	294659	687160	2660787	6497274	24031175	QUA	-0.00580	3.740e-00	1.764e-01	1.00000	0.99000	O
Aroclor-1254(1)	126889	257264	588484	2196959	5404404	19504957	QUA	-0.00709	4.460e-00	3.435e-01	1.00000	0.99000	O
Aroclor-1254(2)	128381	263188	620395	2293250	5564439	20459016	QUA	-0.01065	4.361e-00	2.600e-01	1.00000	0.99000	O
Aroclor-1254(3)	97365	198446	459134	1743739	4280251	16167569	QUA	-0.00828	5.737e-00	2.806e-01	1.00000	0.99000	O
Aroclor-1254(5)	135191	283641	655160	2570142	6329448	23908614	QUA	-0.00410	3.873e-00	1.300e-01	1.00000	0.99000	O
Aroclor-1260(1)	113383	406375	530846	1947642	4928743	19223260	QUA	-0.04003	5.161e-00	3.180e-01	0.99990	0.99000	O
Aroclor-1260(5)	137848	474651	643085	2411775	6103970	24034683	QUA	-0.03478	4.168e-00	2.718e-01	0.99992	0.99000	O
Aroclor-1260(2)	165953	572893	782100	2941258	7465908	28030050	QUA	-0.02858	3.344e-00	8.322e-01	0.99991	0.99000	O
Aroclor-1260(4)	97424	362014	496521	1830759	4725478	18295502	QUA	-0.02755	5.351e-00	7.060e-01	0.99990	0.99000	O
Aroclor-1260(3)	143752	504579	680849	2488841	6401234	24828221	QUA	-0.03274	3.962e-00	3.150e-01	0.99990	0.99000	O
Aroclor-1262(4)	+++++	+++++	+++++	2952966	+++++	+++++	AVG		2952966		0.000e+0	20.00000	O
Aroclor-1262(3)	+++++	+++++	+++++	4107693	+++++	+++++	AVG		4107693		0.000e+0	20.00000	O
Aroclor-1262(5)	+++++	+++++	+++++	3517352	+++++	+++++	AVG		3517352		0.000e+0	20.00000	O

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services
SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Instrument ID: GC07
Lab File IDs : 7HF324.D 7HF325.D 7HF326.D 7HF332.D 7HF327.D 7HF328.D
Column ID: B
Calibration Date(s): 13-JUN-14 14:57, 14-JUN-14 08:24

Aroclor-1262(2)	+++++	+++++	+++++	2794704	+++++	+++++	AVG		2794704		0.000e+0	20.00000	O
Aroclor-1262(1)	+++++	+++++	+++++	1951761	+++++	+++++	AVG		1951761		0.000e+0	20.00000	O
Aroclor-1268(2)	+++++	+++++	+++++	1957366	+++++	+++++	AVG		1957366		0.000e+0	20.00000	O
Aroclor-1268(1)	+++++	+++++	+++++	1585562	+++++	+++++	AVG		1585562		0.000e+0	20.00000	O
Aroclor-1268(5)	+++++	+++++	+++++	2615087	+++++	+++++	AVG		2615087		0.000e+0	20.00000	O
Aroclor-1268(3)	+++++	+++++	+++++	7990989	+++++	+++++	AVG		7990989		0.000e+0	20.00000	O
Aroclor-1268(4)	+++++	+++++	+++++	5557413	+++++	+++++	AVG		5557413		0.000e+0	20.00000	O
Tetrachloro-m-xylene	76245	296591	363876	1309596	3457092	13629176	QUA	-0.00069	1.482e-00	-6.978e-0	0.99983	0.99000	
Decachlorobiphenyl	30828	114003	149909	577791	1475779	5739270	QUA	-0.00055	3.426e-00	1.190e-01	0.99991	0.99000	

Legend: O = Kept Original Curve
Y = Failed Minimum RF
W = Failed %RSD Value

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-1 **Analytical Date:** 06/30/14 10:23
Lab File ID : 7HF728.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

	Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
6	Aroclor-1016(3)	1.00000	0.97398	35489888	0.001	-2.60214	20.00000	Quadratic
6	Aroclor-1016(1)	1.00000	0.99378	17182712	0.001	-0.62181	20.00000	Quadratic
6	Aroclor-1016(5)	1.00000	0.99869	14312576	0.001	-0.13114	20.00000	Quadratic
6	Aroclor-1016(4)	1.00000	1.00399	15665206	0.001	0.39911	20.00000	Quadratic
6	Aroclor-1016(2)	1.00000	1.00957	15281417	0.001	0.95736	20.00000	Quadratic
9	Aroclor-1260(2)	1.00000	0.96272	53057342	0.001	-3.72790	20.00000	Quadratic
9	Aroclor-1260(3)	1.00000	0.97316	42287634	0.001	-2.68421	20.00000	Quadratic
9	Aroclor-1260(4)	1.00000	0.98642	23659630	0.001	-1.35776	20.00000	Quadratic
9	Aroclor-1260(1)	1.00000	0.99032	29017042	0.001	-0.96778	20.00000	Quadratic
9	Aroclor-1260(5)	1.00000	1.00108	35555463	0.001	0.10820	20.00000	Quadratic
3	Tetrachloro-m-xylene	0.02000	0.01916	953666350	0.001	-4.19720	20.00000	Quadratic
12	Decachlorobiphenyl	0.02000	0.01792	340031400	0.001	-10.39775	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-2 **Analytical Date:** 06/30/14 10:23
Lab File ID : 7HF728.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

	Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
5	Aroclor-1016(4)	1.00000	0.94120	1150988	0.001	-5.87970	20.00000	Quadratic
5	Aroclor-1016(3)	1.00000	0.94165	2218159	0.001	-5.83457	20.00000	Quadratic
5	Aroclor-1016(2)	1.00000	0.95027	1033894	0.001	-4.97301	20.00000	Quadratic
5	Aroclor-1016(5)	1.00000	0.95333	977631	0.001	-4.66734	20.00000	Quadratic
5	Aroclor-1016(1)	1.00000	0.96659	1175621	0.001	-3.34064	20.00000	Quadratic
9	Aroclor-1260(2)	1.00000	0.89917	2755221	0.001	-10.08288	20.00000	Quadratic
9	Aroclor-1260(3)	1.00000	0.90836	2370611	0.001	-9.16384	20.00000	Quadratic
9	Aroclor-1260(4)	1.00000	0.91048	1748857	0.001	-8.95162	20.00000	Quadratic
9	Aroclor-1260(1)	1.00000	0.92980	1876809	0.001	-7.01956	20.00000	Quadratic
9	Aroclor-1260(5)	1.00000	0.94069	2339788	0.001	-5.93064	20.00000	Quadratic
2	Tetrachloro-m-xylene	0.02000	0.01809	63383550	0.001	-9.56792	20.00000	Quadratic
12	Decachlorobiphenyl	0.02000	0.01823	27356350	0.001	-8.84529	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-5 **Analytical Date:** 06/30/14 19:28
Lab File ID : 7HF741.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

	Compound	$\overline{RRF}$/Amount	RF0.250	CCAL RRF0.250	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
6	Aroclor-1016(1)	0.25000	0.25310	18438536	0.001	1.24046	20.00000	Quadratic	
6	Aroclor-1016(4)	0.25000	0.25426	16621720	0.001	1.70394	20.00000	Quadratic	
6	Aroclor-1016(3)	0.25000	0.25715	36888864	0.001	2.86014	20.00000	Quadratic	
6	Aroclor-1016(2)	0.25000	0.25730	15774792	0.001	2.92097	20.00000	Quadratic	
6	Aroclor-1016(5)	0.25000	0.26246	15766236	0.001	4.98595	20.00000	Quadratic	
9	Aroclor-1260(1)	0.25000	0.27461	31377924	0.001	9.84466	20.00000	Quadratic	
9	Aroclor-1260(3)	0.25000	0.28196	47524896	0.001	12.78355	20.00000	Quadratic	
9	Aroclor-1260(2)	0.25000	0.28292	59331976	0.001	13.16988	20.00000	Quadratic	
9	Aroclor-1260(5)	0.25000	0.29914	40014756	0.001	19.65548	20.00000	Quadratic	
9	Aroclor-1260(4)	0.25000	0.30152	27534212	0.001	20.60770	20.00000	Quadratic	*
3	Tetrachloro-m-xylene	0.00500	0.00470	1.018e+09	0.001	-5.90013	20.00000	Quadratic	
12	Decachlorobiphenyl	0.00500	0.00534	419322400	0.001	6.89784	20.00000	Quadratic	

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-6 **Analytical Date:** 06/30/14 19:28
Lab File ID : 7HF741.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

	Compound	$\overline{RRF}$/Amount	RF0.250	CCAL RRF0.250	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
5	Aroclor-1016(4)	0.25000	0.23421	1313612	0.001	-6.31599	20.00000	Quadratic
5	Aroclor-1016(3)	0.25000	0.23426	2450520	0.001	-6.29721	20.00000	Quadratic
5	Aroclor-1016(2)	0.25000	0.23931	1210956	0.001	-4.27706	20.00000	Quadratic
5	Aroclor-1016(5)	0.25000	0.23937	1120460	0.001	-4.25194	20.00000	Quadratic
5	Aroclor-1016(1)	0.25000	0.23995	1366496	0.001	-4.01824	20.00000	Quadratic
9	Aroclor-1260(2)	0.25000	0.22540	3032012	0.001	-9.83914	20.00000	Quadratic
9	Aroclor-1260(3)	0.25000	0.23028	2653760	0.001	-7.88716	20.00000	Quadratic
9	Aroclor-1260(4)	0.25000	0.23677	1974420	0.001	-5.29260	20.00000	Quadratic
9	Aroclor-1260(1)	0.25000	0.24030	2171708	0.001	-3.88181	20.00000	Quadratic
9	Aroclor-1260(5)	0.25000	0.24626	2696676	0.001	-1.49743	20.00000	Quadratic
2	Tetrachloro-m-xylene	0.00500	0.00432	67656400	0.001	-13.50855	20.00000	Quadratic
12	Decachlorobiphenyl	0.00500	0.00490	31762600	0.001	-2.09284	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-7 **Analytical Date:** 06/30/14 20:40
Lab File ID : 7HF743.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
8 Aroclor-1254(4)	1.00000	0.85879	38169562	0.001	-14.12103	20.00000	Quadratic
8 Aroclor-1254(3)	1.00000	0.89211	23960194	0.001	-10.78916	20.00000	Quadratic
8 Aroclor-1254(5)	1.00000	0.90157	38127215	0.001	-9.84305	20.00000	Quadratic
8 Aroclor-1254(2)	1.00000	0.91081	33899226	0.001	-8.91889	20.00000	Quadratic
8 Aroclor-1254(1)	1.00000	0.92657	28091171	0.001	-7.34287	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-8 **Analytical Date:** 06/30/14 20:40
Lab File ID : 7HF743.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
8 Aroclor-1254(4)	1.00000	0.87777	2336791	0.001	-12.22269	20.00000	Quadratic
8 Aroclor-1254(3)	1.00000	0.88438	1544359	0.001	-11.56209	20.00000	Quadratic
8 Aroclor-1254(5)	1.00000	0.88888	2287839	0.001	-11.11150	20.00000	Quadratic
8 Aroclor-1254(1)	1.00000	0.89200	1985364	0.001	-10.80027	20.00000	Quadratic
8 Aroclor-1254(2)	1.00000	0.89816	2058549	0.001	-10.18406	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-9 **Analytical Date:** 07/01/14 03:17
Lab File ID : 7HF754.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

	Compound	$\overline{\text{RRF}}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
6	Aroclor-1016(2)	1.00000	1.08767	16428690	0.001	8.76684	20.00000	Quadratic	
6	Aroclor-1016(1)	1.00000	1.09364	18831316	0.001	9.36372	20.00000	Quadratic	
6	Aroclor-1016(3)	1.00000	1.11144	40600508	0.001	11.14389	20.00000	Quadratic	
6	Aroclor-1016(4)	1.00000	1.11930	17446780	0.001	11.92981	20.00000	Quadratic	
6	Aroclor-1016(5)	1.00000	1.13436	16235552	0.001	13.43579	20.00000	Quadratic	
9	Aroclor-1260(1)	1.00000	1.17407	34554531	0.001	17.40740	20.00000	Quadratic	
9	Aroclor-1260(2)	1.00000	1.20046	66581634	0.001	20.04554	20.00000	Quadratic	*
9	Aroclor-1260(3)	1.00000	1.22621	53675998	0.001	22.62127	20.00000	Quadratic	*
9	Aroclor-1260(4)	1.00000	1.23692	29902401	0.001	23.69249	20.00000	Quadratic	*
9	Aroclor-1260(5)	1.00000	1.27221	45677488	0.001	27.22131	20.00000	Quadratic	*
3	Tetrachloro-m-xylene	0.02000	0.02118	1.049e+09	0.001	5.89537	20.00000	Quadratic	
12	Decachlorobiphenyl	0.02000	0.02428	460518500	0.001	21.39700	20.00000	Quadratic	*

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-10 **Analytical Date:** 07/01/14 03:17
Lab File ID : 7HF754.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

	Compound	RRF/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
5	Aroclor-1016(3)	1.00000	1.01783	2389741	0.001	1.78310	20.00000	Quadratic
5	Aroclor-1016(4)	1.00000	1.02092	1243225	0.001	2.09199	20.00000	Quadratic
5	Aroclor-1016(2)	1.00000	1.02753	1112356	0.001	2.75342	20.00000	Quadratic
5	Aroclor-1016(5)	1.00000	1.04120	1063079	0.001	4.11988	20.00000	Quadratic
5	Aroclor-1016(1)	1.00000	1.04314	1262484	0.001	4.31433	20.00000	Quadratic
9	Aroclor-1260(2)	1.00000	0.98662	3013002	0.001	-1.33816	20.00000	Quadratic
9	Aroclor-1260(1)	1.00000	1.03109	2072567	0.001	3.10907	20.00000	Quadratic
9	Aroclor-1260(4)	1.00000	1.04227	1993915	0.001	4.22702	20.00000	Quadratic
9	Aroclor-1260(3)	1.00000	1.05759	2745692	0.001	5.75879	20.00000	Quadratic
9	Aroclor-1260(5)	1.00000	1.08016	2674249	0.001	8.01567	20.00000	Quadratic
2	Tetrachloro-m-xylene	0.02000	0.01960	68501550	0.001	-1.99317	20.00000	Quadratic
12	Decachlorobiphenyl	0.02000	0.02183	32583150	0.001	9.13538	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-11 **Analytical Date:** 07/01/14 04:30
Lab File ID : 7HF756.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
8 Aroclor-1254(4)	1.00000	0.88605	39441109	0.001	-11.39490	20.00000	Quadratic
8 Aroclor-1254(3)	1.00000	0.91486	24589495	0.001	-8.51383	20.00000	Quadratic
8 Aroclor-1254(2)	1.00000	0.92736	34536626	0.001	-7.26449	20.00000	Quadratic
8 Aroclor-1254(5)	1.00000	0.93981	39814341	0.001	-6.01909	20.00000	Quadratic
8 Aroclor-1254(1)	1.00000	0.94355	28621012	0.001	-5.64472	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG145727-12 **Analytical Date:** 07/01/14 04:30
Lab File ID : 7HF756.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
8 Aroclor-1254(4)	1.00000	0.88667	2360072	0.001	-11.33272	20.00000	Quadratic
8 Aroclor-1254(2)	1.00000	0.88915	2038385	0.001	-11.08494	20.00000	Quadratic
8 Aroclor-1254(1)	1.00000	0.91011	2024762	0.001	-8.98869	20.00000	Quadratic
8 Aroclor-1254(3)	1.00000	0.91144	1590823	0.001	-8.85567	20.00000	Quadratic
8 Aroclor-1254(5)	1.00000	0.92889	2389519	0.001	-7.11117	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146326-1 **Analytical Date:** 07/10/14 15:41
Lab File ID : 7HG290.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

	Compound	$\overline{RRF}$/Amount	RF0.250	CCAL RRF0.250	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
6	Aroclor-1016(2)	0.25000	0.26400	16188484	0.001	5.60189	20.00000	Quadratic
6	Aroclor-1016(5)	0.25000	0.26766	16057572	0.001	7.06476	20.00000	Quadratic
6	Aroclor-1016(1)	0.25000	0.27316	19834436	0.001	9.26460	20.00000	Quadratic
6	Aroclor-1016(3)	0.25000	0.27352	39260100	0.001	9.40722	20.00000	Quadratic
6	Aroclor-1016(4)	0.25000	0.27977	18180192	0.001	11.90994	20.00000	Quadratic
9	Aroclor-1260(2)	0.25000	0.23582	48833852	0.001	-5.67113	20.00000	Quadratic
9	Aroclor-1260(3)	0.25000	0.24037	40331568	0.001	-3.85188	20.00000	Quadratic
9	Aroclor-1260(4)	0.25000	0.24682	22246272	0.001	-1.27171	20.00000	Quadratic
9	Aroclor-1260(1)	0.25000	0.24997	28505360	0.001	-0.01174	20.00000	Quadratic
9	Aroclor-1260(5)	0.25000	0.25065	33086724	0.001	0.26016	20.00000	Quadratic
3	Tetrachloro-m-xylene	0.00500	0.00593	1.259e+09	0.001	18.57895	20.00000	Quadratic
12	Decachlorobiphenyl	0.00500	0.00449	355782600	0.001	-10.24349	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146326-2 **Analytical Date:** 07/10/14 15:41
Lab File ID : 7HG290.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

	Compound	$\overline{\text{RRF}}$/Amount	RF0.250	CCAL RRF0.250	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
5	Aroclor-1016(4)	0.25000	0.22449	1268148	0.001	-10.20369	20.00000	Quadratic	
5	Aroclor-1016(5)	0.25000	0.22677	1071012	0.001	-9.29177	20.00000	Quadratic	
5	Aroclor-1016(3)	0.25000	0.23302	2439204	0.001	-6.79234	20.00000	Quadratic	
5	Aroclor-1016(2)	0.25000	0.23381	1188088	0.001	-6.47499	20.00000	Quadratic	
5	Aroclor-1016(1)	0.25000	0.24229	1377348	0.001	-3.08253	20.00000	Quadratic	
9	Aroclor-1260(4)	0.25000	0.19184	1638976	0.001	-23.26474	20.00000	Quadratic	*
9	Aroclor-1260(5)	0.25000	0.19401	2195408	0.001	-22.39408	20.00000	Quadratic	*
9	Aroclor-1260(2)	0.25000	0.19434	2661776	0.001	-22.26480	20.00000	Quadratic	*
9	Aroclor-1260(3)	0.25000	0.20199	2368440	0.001	-19.20394	20.00000	Quadratic	
9	Aroclor-1260(1)	0.25000	0.20609	1906792	0.001	-17.56403	20.00000	Quadratic	
2	Tetrachloro-m-xylene	0.00500	0.00488	75180800	0.001	-2.36218	20.00000	Quadratic	
12	Decachlorobiphenyl	0.00500	0.00417	27517000	0.001	-16.65251	20.00000	Quadratic	

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146326-7 **Analytical Date:** 07/10/14 23:31
Lab File ID : 7HG303.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** A

	Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
6	Aroclor-1016(2)	1.00000	1.14545	17274195	0.001	14.54538	20.00000	Quadratic	
6	Aroclor-1016(5)	1.00000	1.14578	16397564	0.001	14.57762	20.00000	Quadratic	
6	Aroclor-1016(4)	1.00000	1.16959	18224853	0.001	16.95941	20.00000	Quadratic	
6	Aroclor-1016(1)	1.00000	1.17272	20129558	0.001	17.27177	20.00000	Quadratic	
6	Aroclor-1016(3)	1.00000	1.18057	43179926	0.001	18.05695	20.00000	Quadratic	
9	Aroclor-1260(4)	1.00000	1.08577	26128307	0.001	8.57656	20.00000	Quadratic	
9	Aroclor-1260(3)	1.00000	1.09514	47759272	0.001	9.51365	20.00000	Quadratic	
9	Aroclor-1260(2)	1.00000	1.09747	60712516	0.001	9.74650	20.00000	Quadratic	
9	Aroclor-1260(5)	1.00000	1.10698	39491454	0.001	10.69800	20.00000	Quadratic	
9	Aroclor-1260(1)	1.00000	1.13376	33335940	0.001	13.37594	20.00000	Quadratic	
3	Tetrachloro-m-xylene	0.02000	0.02462	1.211e+09	0.001	23.12293	20.00000	Quadratic	*
12	Decachlorobiphenyl	0.02000	0.02167	410981700	0.001	8.35908	20.00000	Quadratic	

*** = Compound out of QC criteria**

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 **SDG:** WE53-7
Lab ID : WG146326-8 **Analytical Date:** 07/10/14 23:31
Lab File ID : 7HG303.D **Instrument ID:** GC07
Initial Calibration Date(s): 06/13/14 14:57 06/14/14 08:24 **Column ID:** B

	Compound	$\overline{RRF}$/Amount	RF1	CCAL RRF1	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
5	Aroclor-1016(4)	1.00000	0.98463	1201249	0.001	-1.53694	20.00000	Quadratic
5	Aroclor-1016(5)	1.00000	0.98782	1011182	0.001	-1.21812	20.00000	Quadratic
5	Aroclor-1016(3)	1.00000	0.99401	2336120	0.001	-0.59869	20.00000	Quadratic
5	Aroclor-1016(2)	1.00000	0.99494	1079279	0.001	-0.50608	20.00000	Quadratic
5	Aroclor-1016(1)	1.00000	1.01318	1228509	0.001	1.31827	20.00000	Quadratic
9	Aroclor-1260(2)	1.00000	0.86411	2651772	0.001	-13.58907	20.00000	Quadratic
9	Aroclor-1260(4)	1.00000	0.91506	1757376	0.001	-8.49363	20.00000	Quadratic
9	Aroclor-1260(5)	1.00000	0.91975	2289556	0.001	-8.02516	20.00000	Quadratic
9	Aroclor-1260(3)	1.00000	0.92485	2412056	0.001	-7.51538	20.00000	Quadratic
9	Aroclor-1260(1)	1.00000	0.95284	1921332	0.001	-4.71613	20.00000	Quadratic
2	Tetrachloro-m-xylene	0.02000	0.02063	71965300	0.001	3.13284	20.00000	Quadratic
12	Decachlorobiphenyl	0.02000	0.01933	28947650	0.001	-3.37245	20.00000	Quadratic

*** = Compound out of QC criteria**

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : A
Instrument ID : GC07

Client Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCX	DCB	
Initial Calibration	WG144776-1	06/13/14	14:57	5.372	26.46	
Initial Calibration	WG144776-3	06/13/14	15:34	5.369	26.47	
Initial Calibration	WG144776-5	06/13/14	16:10	5.373	26.47	
Initial Calibration	WG144776-7	06/13/14	16:46	5.369	26.46	
Initial Calibration	WG144776-9	06/13/14	17:22	5.374	26.46	
Initial Calibration	WG144776-11	06/13/14	17:58	5.371	26.45	
Independent Source	WG144776-13	06/13/14	18:34			
Independent Source	WG144776-14	06/13/14	19:10			
Initial Calibration	WG144776-15	06/13/14	19:46			
Initial Calibration	WG144776-27	06/13/14	23:23			
Initial Calibration	WG144776-39	06/14/14	03:00			
Initial Calibration	WG144776-41	06/14/14	03:36			
Initial Calibration	WG144776-43	06/14/14	04:12			
Initial Calibration	WG144776-45	06/14/14	04:48			
Initial Calibration	WG144776-47	06/14/14	05:24			
Initial Calibration	WG144776-49	06/14/14	06:00			
Initial Calibration	WG144776-51	06/14/14	06:36			
Initial Calibration	WG144776-53	06/14/14	07:12			
Initial Calibration	WG144776-55	06/14/14	07:48			
Initial Calibration	WG144776-57	06/14/14	08:24			
Continuing Calibrati	WG145727-1	06/30/14	10:23	5.293	26.32	
Method Blank Sample	WG145483-1	06/30/14	15:15	5.305	26.33	
Laboratory Control S	WG145483-2	06/30/14	15:51	5.3	26.33	
Laboratory Control S	WG145483-3	06/30/14	16:27	5.302	26.33	
Continuing Calibrati	WG145727-5	06/30/14	19:28	5.301	26.34	
Continuing Calibrati	WG145727-7	06/30/14	20:40			
FTA-SW-02-061914	SH4521-12	06/30/14	21:52	5.305	26.33	
FTA-SW-06-061914	SH4521-16	06/30/14	22:28	5.3	26.33	
FTA-SW-07-061914	SH4521-18	06/30/14	23:05	5.304	26.33	
FTA-SW-08-061914	SH4521-20	06/30/14	23:41	5.301	26.33	
FTA-SW-DUP01-061914	SH4521-22	07/01/14	00:17	5.305	26.33	
FTA-SD-RB01-062014	SH4521-24	07/01/14	00:53	5.302	26.33	
Continuing Calibrati	WG145727-9	07/01/14	03:17	5.296	26.33	
Continuing Calibrati	WG145727-11	07/01/14	04:30			
Continuing Calibrati	WG146326-1	07/10/14	15:41	5.351	26.42	
Method Blank Sample	WG146110-1	07/10/14	17:30	5.358	26.42	

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : A
Instrument ID : GC07

Laboratory Control S	WG146110-2	07/10/14	18:06	5.359	26.42	
Laboratory Control S	WG146110-3	07/10/14	18:42	5.357	26.42	
FTA-SW-01-061914	SH4521-10RE	07/10/14	21:42	5.354	26.42	
FTA-SW-DUP01-061914	SH4521-22RE	07/10/14	22:19	5.356	26.41	
Continuing Calibrati	WG146326-7	07/10/14	23:31	5.347	26.41	

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : B
Instrument ID : GC07

Client Sample ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCX	DCB	
Initial Calibration	WG144776-2	06/13/14	14:57	5.593	27.45	
Initial Calibration	WG144776-4	06/13/14	15:34	5.592	27.45	
Initial Calibration	WG144776-6	06/13/14	16:10	5.593	27.45	
Initial Calibration	WG144776-8	06/13/14	16:46	5.594	27.45	
Initial Calibration	WG144776-10	06/13/14	17:22	5.595	27.45	
Initial Calibration	WG144776-12	06/13/14	17:58	5.592	27.44	
Independent Source	WG144776-13	06/13/14	18:34			
Independent Source	WG144776-14	06/13/14	19:10			
Initial Calibration	WG144776-16	06/13/14	19:46			
Initial Calibration	WG144776-28	06/13/14	23:23			
Initial Calibration	WG144776-40	06/14/14	03:00			
Initial Calibration	WG144776-42	06/14/14	03:36			
Initial Calibration	WG144776-44	06/14/14	04:12			
Initial Calibration	WG144776-46	06/14/14	04:48			
Initial Calibration	WG144776-48	06/14/14	05:24			
Initial Calibration	WG144776-50	06/14/14	06:00			
Initial Calibration	WG144776-52	06/14/14	06:36			
Initial Calibration	WG144776-54	06/14/14	07:12			
Initial Calibration	WG144776-56	06/14/14	07:48			
Initial Calibration	WG144776-58	06/14/14	08:24			
Continuing Calibrati	WG145727-2	06/30/14	10:23	5.508	27.29	
Method Blank Sample	WG145483-1	06/30/14	15:15	5.52	27.31	
Laboratory Control S	WG145483-2	06/30/14	15:51	5.514	27.30	
Laboratory Control S	WG145483-3	06/30/14	16:27	5.519	27.30	
Continuing Calibrati	WG145727-6	06/30/14	19:28	5.518	27.31	
Continuing Calibrati	WG145727-8	06/30/14	20:40			
FTA-SW-02-061914	SH4521-12	06/30/14	21:52	5.518	27.30	
FTA-SW-06-061914	SH4521-16	06/30/14	22:28	5.516	27.30	
FTA-SW-07-061914	SH4521-18	06/30/14	23:05	5.519	27.30	
FTA-SW-08-061914	SH4521-20	06/30/14	23:41	5.516	27.30	
FTA-SW-DUP01-061914	SH4521-22	07/01/14	00:17	5.52	27.30	
FTA-SD-RB01-062014	SH4521-24	07/01/14	00:53	5.516	27.30	
Continuing Calibrati	WG145727-10	07/01/14	03:17	5.511	27.30	
Continuing Calibrati	WG145727-12	07/01/14	04:30			
Continuing Calibrati	WG146326-2	07/10/14	15:41	5.566	27.39	
Method Blank Sample	WG146110-1	07/10/14	17:30	5.571	27.39	

Form 8
GC Analytical Sequence

Lab Name : Katahdin Analytical Services
SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53
Column ID : B
Instrument ID : GC07

Laboratory Control S	WG146110-2	07/10/14	18:06	5.573	27.38	
Laboratory Control S	WG146110-3	07/10/14	18:42	5.575	27.38	
FTA-SW-01-061914	SH4521-10RE	07/10/14	21:42	5.567	27.38	
FTA-SW-DUP01-061914	SH4521-22RE	07/10/14	22:19	5.569	27.38	
Continuing Calibrati	WG146326-8	07/10/14	23:31	5.562	27.37	

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-2
Client ID: FTA-MW-9-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4039.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		65.8	%					
o-Terphenyl		83.3	%					
2-Fluorobiphenyl		84.0	%					
2-Bromonaphthalene		84.1	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-4
Client ID: FTA-MW-10-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4040.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		65.5	%					
o-Terphenyl		83.9	%					
2-Fluorobiphenyl		93.3	%					
2-Bromonaphthalene		93.6	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-6
Client ID: FTA-MW-11-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4041.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		60.3	%					
o-Terphenyl		88.2	%					
2-Fluorobiphenyl		92.8	%					
2-Bromonaphthalene		93.0	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-8
Client ID: FTA-MW-12-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4042.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		52.2	%					
o-Terphenyl		76.4	%					
2-Fluorobiphenyl		87.0	%					
2-Bromonaphthalene		87.3	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-10
Client ID: FTA-MW-5-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4043.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		56.4	%					
o-Terphenyl		71.3	%					
2-Fluorobiphenyl		80.1	%					
2-Bromonaphthalene		79.8	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-12
Client ID: FTA-MW-203-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4044.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		64.8	%					
o-Terphenyl		86.3	%					
2-Fluorobiphenyl		93.5	%					
2-Bromonaphthalene		93.6	%					

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Cert No E87604

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-14
Client ID: FTA-GW-DUP01-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4045.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	J	49	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	J	49	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		62.3	%					
o-Terphenyl		82.3	%					
2-Fluorobiphenyl		91.6	%					
2-Bromonaphthalene		92.9	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-16
Client ID: FTA-MW-218-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4046.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
C9-C18 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C19-C36 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
5-Alpha Androstane		57.1	%					
o-Terphenyl		90.8	%					
2-Fluorobiphenyl		93.4	%					
2-Bromonaphthalene		94.4	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-18
Client ID: FTA-MW-206-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4047.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		62.7	%					
o-Terphenyl		80.8	%					
2-Fluorobiphenyl		86.6	%					
2-Bromonaphthalene		87.0	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-20
Client ID: FTA-MW-14-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4048.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 20-JUN-14
Extracted By: KF
Extraction Method: SW846 3510
Lab Prep Batch: WG145094

Analysis Date: 23-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		56.1	%					
o-Terphenyl		77.5	%					
2-Fluorobiphenyl		82.7	%					
2-Bromonaphthalene		82.8	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-2
Client ID: FTA-MW-208-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4149.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
C9-C18 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C19-C36 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
5-Alpha Androstane		59.6	%					
o-Terphenyl		69.9	%					
2-Fluorobiphenyl		72.0	%					
2-Bromonaphthalene		72.4	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-4
Client ID: FTA-MW-1-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4150.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		51.4	%					
o-Terphenyl		69.1	%					
2-Fluorobiphenyl		72.6	%					
2-Bromonaphthalene		74.2	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-6
Client ID: FTA-GW-DUP02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4151.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	94.	47.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	94.	47.	71.
5-Alpha Androstane		53.5	%					
o-Terphenyl		65.5	%					
2-Fluorobiphenyl		71.4	%					
2-Bromonaphthalene		71.4	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-8
Client ID: FTA-MW-210-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4152.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
C9-C18 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C19-C36 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
5-Alpha Androstane		49.0	%					
o-Terphenyl		66.6	%					
2-Fluorobiphenyl		66.9	%					
2-Bromonaphthalene		66.4	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-10
Client ID: FTA-SW-01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4153.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	95.	48.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	95.	48.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	95.	48.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	95.	48.	71.
5-Alpha Androstane		52.0	%					
o-Terphenyl		68.1	%					
2-Fluorobiphenyl		71.9	%					
2-Bromonaphthalene		72.6	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-12
Client ID: FTA-SW-02-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4154.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
C9-C18 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C19-C36 Aliphatics	U	72	ug/L	1	100	96.	48.	72.
C11-C22 Aromatics	U	72	ug/L	1	100	96.	48.	72.
5-Alpha Androstane		42.2	%					
o-Terphenyl		65.2	%					
2-Fluorobiphenyl		70.3	%					
2-Bromonaphthalene		70.3	%					

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Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-14
Client ID: FTA-SW-03-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: CHF4155.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145314

Analysis Date: 27-JUN-14
Analyst: AC
Analysis Method: MA DEP EPH 04-1.1
Matrix: AQ
% Solids: NA
Report Date: 09-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Unadjusted C11-C22 Aromatics	U	71	ug/L	1	100	95.	48.	71.
C9-C18 Aliphatics	U	71	ug/L	1	100	95.	48.	71.
C19-C36 Aliphatics	U	71	ug/L	1	100	95.	48.	71.
C11-C22 Aromatics	U	71	ug/L	1	100	95.	48.	71.
5-Alpha Androstane		49.9	%					
o-Terphenyl		68.0	%					
2-Fluorobiphenyl		74.6	%					
2-Bromonaphthalene		74.7	%					

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