



**Groundwater Sample Results,
Combined Level 2 and Level 4 Laboratory Report,
Data Validation Report,
and the Sample Location Report, SDG WE53-7**

*Naval Computer and Telecommunications Area,
Master Station Atlantic Detachment Cutler
Cutler, Maine*

August 2019

N63038.SF.000752
NCTAMS CUTLER
5090.3c

LABORATORY DATA PACKAGE WE53-7, NCTAMS CUTLER ME
7/25/2014
KATHADIN

**TETRA TECHNUS, INC.
NCTAMSLANT CUTLER CTO WE53
SDG: WE53-7
SH4401 & SH4521**

**KATAHDIN ANALYTICAL SERVICES, INC.
600 TECHNOLOGY WAY
SCARBOROUGH, ME 04074**

TABLE OF CONTENTS

Total number of pages: 3665 plus Subcontracted Data

SAMPLE DATA PACKAGE

	0000001		
Narrative	-----	0000002	to 0000012
Supporting Documents	-----	0000013	to 0000035
Chain of Custody Record	-----	0000036	to 0000037
Login Report	-----	0000038	to 0000061

SAMPLE DATA SUMMARY

Report of Analytical Results	-----	A0000001	to A0000712
------------------------------	-------	----------	-------------

VOLATILE DATA

	1000001		
QC Summary	-----	1000002	to 1000017
Sample Data	-----	1000018	to 1000132
Standards Data	-----	1000133	to 1000284
Raw QC Data	-----	1000285	to 1000337
Logbooks and Supporting Documents	-----	1000338	to 1000343

VOLATILE SIM DATA

	2000001		
QC Summary	-----	2000002	to 2000011
Sample Data	-----	2000012	to 2000091
Standards Data	-----	2000092	to 2000123
Raw QC Data	-----	2000124	to 2000146
Logbooks and Supporting Documents	-----	2000147	to 2000150

SEMIVOLATILE DATA

	3000001		
QC Summary	-----	3000002	to 3000021
Sample Data	-----	3000022	to 3000124
Standards Data	-----	3000125	to 3000431
Raw QC Data	-----	3000432	to 3000480
Logbooks and Supporting Documents	-----	3000481	to 3000491

METALS DATA

	4000001		
Sample Data	-----	4000002	to 4000049
QC Summary	-----	4000050	to 4000250
Raw Data	-----	4000251	to 4000765
Logbooks and Supporting Documents	-----	4000766	to 4000778

SIM DATA

		6000001		
QC Summary	-----	6000002	to	6000012
Sample Data	-----	6000013	to	6000117
Standards Data	-----	6000118	to	6000216
Raw QC Data	-----	6000217	to	6000272
Logbooks and Supporting Documents	-----	6000273	to	6000278

PESTICIDE DATA

		7000001		
QC Summary	-----	7000002	to	7000006
Sample Data	-----	7000007	to	7000015
Standards Data	-----	7000016	to	7000110
Raw QC Data	-----	7000111	to	7000130
Logbooks and Supporting Documents	-----	7000131	to	7000134

PCB DATA

		8000001		
QC Summary	-----	8000002	to	8000010
Sample Data	-----	8000011	to	8000055
Standards Data	-----	8000056	to	8000189
Raw QC Data	-----	8000190	to	8000218
Logbooks and Supporting Documents	-----	8000219	to	8000230

EPH DATA

		9000001		
QC Summary	-----	9000002	to	9000019
Sample Data	-----	9000020	to	9000137
Standards Data	-----	9000138	to	9000211
Raw QC Data	-----	9000212	to	9000290
Logbooks and Supporting Documents	-----	9000291	to	9000314

VPH DATA

		11000001		
QC Summary	-----	11000002	to	11000006
Sample Data	-----	11000007	to	11000089
Standards Data	-----	11000090	to	11000146
Raw QC Data	-----	11000147	to	11000170
Logbooks and Supporting Documents	-----	11000171	to	11000174

SUBCONTRACTED DATA

Paginated by
Sub Lab

**SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
NCTAMSLANT CUTLER CTO WE53 FTA
SDG: WE53-7
SH4401 & SH4521**

Sample Receipt

The following samples were received on June 19 and 20, 2014 and were logged in under Katahdin Analytical Services work order number SH4401 and SH4521 for a hardcopy due date of July 9, 2014.

<u>KATAHDIN</u> <u>Sample No.</u>	<u>TTNUS</u> <u>Sample Identification</u>
SH4401-1	FTA-GW-TB01-061714
SH4401-2	FTA-MW-9-061714
SH4401-3	FTA-MW-9-061714
SH4401-4	FTA-MW-10-061714
SH4401-5	FTA-MW-10-061714
SH4401-6	FTA-MW-11-061714
SH4401-7	FTA-MW-11-061714
SH4401-8	FTA-MW-12-061714
SH4401-9	FTA-MW-12-061714
SH4401-10	FTA-MW-5-061814
SH4401-11	FTA-MW-5-061814
SH4401-12	FTA-MW-203-061814
SH4401-13	FTA-MW-203-061814
SH4401-14	FTA-GW-DUP01-061814
SH4401-15	FTA-GW-DUP01-061814
SH4401-16	FTA-MW-218-061814
SH4401-17	FTA-MW-218-061814
SH4401-18	FTA-MW-206-061814
SH4401-19	FTA-MW-206-061814
SH4401-20	FTA-MW-14-061714
SH4401-21	FTA-MW-14-061714
SH4521-1	FTA-GW-TB02-061814
SH4521-2	FTA-MW-208-061814
SH4521-3	FTA-MW-208-061814
SH4521-4	FTA-MW-1-061814
SH4521-5	FTA-MW-1-601814
SH4521-6	FTA-GW-DUP02-061814
SH4521-7	FTA-GW-DUP02-061814
SH4521-8	FTA-GW-210-061814
SH4521-9	FTA-MW-210-061814
SH4521-10	FTA-SW-01-061914
SH4521-11	FTA-SW-01-061914
SH4521-12	FTA-SW-02-061914
SH4521-13	FTA-SW-02-061914
SH4521-14	FTA-SW-03-061914

SH4521-15	FTA-SW-03-061914
SH4521-16	FTA-SW-06-061914
SH4521-17	FTA-SW-06-061914
SH4521-18	FTA-SW-07-061914
SH4521-19	FTA-SW-07-061914
SH4521-20	FTA-SW-08-061914
SH4521-21	FTA-SW-08-061914
SH4521-22	FTA-SW-DUP01-061914
SH4521-23	FTA-SW-DUP01-061914
SH4521-24	FTA-SD-RB01-062014

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, Ms. Jennifer Obrin. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of SDG WE53-7 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for the Determination of Extractable Petroleum Hydrocarbons (EPH)

MADEP, May 2004, Revision 1.1, and/or for the specific methods listed below or on the Report of Analysis.

Samples SH4521-8 and 14 were used for the matrix spikes (MS's) and matrix spike duplicates (MSD's), as per client request.

8081B Analysis

Sample SH4521-24 was manually integrated for the surrogate TCX. The specific reasons for the manual integrations are indicated on the raw data by the manual integration codes (M1-M11). These codes are further explained in the attachment following this narrative.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are based on DoD QSM acceptance limits for the full list of spiked compounds and laboratory established acceptance limits for toxaphene. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard

operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

8260B SIM Analysis

Sample SH4401-2 was manually integrated for the target analyte vinyl chloride. The specific reasons for the manual integrations are indicated on the raw data by the manual integration codes (M1-M11). These codes are further explained in the attachment following this narrative.

8260B SCAN Analysis

Samples SH4521-4 and 22RA were manually integrated for the analyte acetone. The specific reasons for the manual integrations are indicated on the raw data by the manual integration codes (M1-M11). These codes are further explained in the attachment following this narrative.

Samples SH4521-4, 6 and 14 had a high recovery for the surrogate 1,2-dichloroethane-d4, which was outside of the DoD QSM established acceptance limits. Since a high recovery would indicate a high bias, and there were no analytes detected above the LOQ, no further action was taken.

The initial calibration analyzed on the C instrument on 6/09/14 had %RSD values for some target analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The analyte chloroethane failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient and the coefficient of determination being less than the method acceptance criteria of 0.995 and 0.990, respectively. This analyte was calibrated using the average model.

The independent check standard (file D8868A), associated with the initial calibration analyzed on the D instrument on 06/11/14, had a high concentration for the target analyte acetone, which exceeded the DoD QSM acceptance limit of $\pm 20\%$ of the expected value from the ICAL. The Independent Check Report consists of the full list of spiked analytes, but only the client's list of target analytes are evaluated.

The calibration verification standard (CV) (file C7869) had a high response for the compound 2-hexanone. The CV (file D9205) had a low response for the compound 1,1-dichloroethene. These responses resulted in %D's that were greater than the DoD QSM acceptance limits of 20%.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are based on DoD QSM acceptance limits for the full list of spiked compounds and laboratory established acceptance limits for all other analytes. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

8270D SIM Analysis

Samples SH4401-14 and SH4521-16 were manually integrated for the analytes hexachlorocyclopentadiene and/or indeno(1,2,3-cd)pyrene. The specific reason for the manual integration is indicated on the raw data by the manual integration codes (M1-M11). These codes are further explained in the attachment following this narrative.

The initial calibration analyzed on the N instrument on 06/26/2014 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte 3,3'-dichlorobenzidine failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient and the coefficient of determination being less than the method acceptance criteria of 0.995 and 0.990 respectively. This compound was calibrated using the average model. The corresponding independent check standard (file N2928) had a high concentration for the target analyte 1,4-dioxane and low concentrations for the target analytes 2,2'-oxybis(1-chloropropane), hexachlorocyclopentadiene, 2,4-dinitrophenol and bis(2-ethylhexyl)phthalate, which exceeded the DoD QSM acceptance limit of $\pm 20\%$ of the expected value from the ICAL. The Independent Check Report consists of the full list of spiked analytes, but only the client's list of target analytes are evaluated.

The CV (file N2940) had a high response for the target analyte bis(2-ethylhexyl)phthalate and low responses for nitrobenzene and dibenzo(a,h)anthracene, which resulted in %D's that were greater than the acceptance limit of 20% from DoD QSM.

The CV (file N2957) had a high response for the target analyte bis(2-ethylhexyl)phthalate, which resulted in a %D that was greater than the acceptance limit of 20% from DoD QSM.

The target analyte benzo(a)anthracene was detected below $\frac{1}{2}$ of the LOQ in the method blank WG145278-1. According to the DoD QSM section D.1.1.1, a method blank is considered to be contaminated if the concentration of any target analyte in the blank exceeds $\frac{1}{2}$ the reporting limit and is greater than $\frac{1}{10}$ the amount measured in any sample or $\frac{1}{10}$ the regulatory limit (whichever is greater). Since the method blank was acceptable, no further action was taken.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived limits for the full list of spiked compounds and are statistically derived limits for the surrogates. Although DoD QSM acceptance limits were requested for this project, laboratory established acceptance limits were used because the DoD QSM does not list acceptance limits for 8270SIM. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these statistical acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

The LCS/LCSD WG145278-2 and 3 had low recoveries for four spiked target analytes and five analytes, respectively, and high recoveries for one analyte and two analytes, respectively, that were outside of the laboratory established acceptance limits. The DoD QSM allowable number of exceedances for 38 target analytes is two analytes. If the DoD QSM acceptance limits are applied, the

LCS and LCSD had acceptable recoveries for the spiked analytes, after factoring the allowable number of exceedances. Therefore, no further action was taken.

The LCS/LCSD WG145381-2 and 3 had low recoveries for four spiked target analytes and three analytes, respectively, and high recoveries for one analyte and two analytes, respectively, that were outside of the laboratory established acceptance limits. The DoD QSM allowable number of exceedances for 38 target analytes is two analytes. If the DoD QSM acceptance limits are applied, the LCS and LCSD had acceptable recoveries for the spiked analytes, after factoring the allowable number of exceedances. Therefore, no further action was taken.

There was no recovery for the spiked analyte 3,3'-dichlorobenzidine in the MS/MSD WG145381-4 and 5. This may be due to oxidative loss of this analyte during solvent concentration as mentioned in the CLP methods SOM01.2 or OLC02.1.

8270D SCAN Analysis

Samples SH4401-2, 6 and 8 had low or no recoveries for the surrogates 2-fluorophenol, phenol-d6, 2,4,6-tribromophenol and/or terphenyl-d14, which were outside DoD QSM acceptance limits. These samples were reextracted one day out of hold time and reanalyzed. Sample SH4401-2RE had similar surrogate recoveries, possibly indicating a matrix effect. Samples SH4401-6RE and 8RE had acceptable surrogate recoveries. The results for both extractions are reported.

The LCS/LCSD (WG145380-2 and 3) had low responses for one or two internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the midpoint of the ICAL. Since the associated samples had acceptable responses for internal standards, no further action was taken.

The independent check standard (file U6206) associated with the initial calibration on the U instrument on 06/30/2014 had a low concentration for the target analytes benzaldehyde and hexachlorocyclopentadiene, which exceeded the DoD QSM acceptance limit of $\pm 20\%$ of the expected value from the ICAL.

The initial calibration analyzed on the U instrument on 7/3/14 had the analyte benzaldehyde fail for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient and the coefficient of determination being less than the method acceptance criteria of 0.995 and 0.990, respectively. This compound was calibrated using the average model. The corresponding independent check standard (file U6273) had a low concentration for the target analyte benzaldehyde, which exceeded the DoD QSM acceptance limit of $\pm 20\%$ of the expected value from the ICAL. The Independent Check Report consists of the full list of spiked analytes, but only the client's list of target analytes are evaluated.

The analyte benzaldehyde is an EPA CLP compound that is very sensitive to the condition of the injection port of the GC/MS instrument. Consequently, the response of this analyte may fluctuate from one analysis to another which may result in high %RSD's for initial calibrations, high %D's for CV's, and low or high recoveries for LCS's.

The calibration verification standards (CV) (files U6381, U6399 and U6417) had very low responses for the analyte benzaldehyde. The CV (file U6399) also had a high response for the analyte 4-

nitrophenol. These responses resulted in %D's that were greater than the acceptance limit of +/- 20% from DoD QSM.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are based on DoD QSM acceptance limits for the full list of spiked compounds and laboratory established acceptance limits for all other analytes. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than the DoD QSM allowable number of exceedances. If the associated MS/MSD has greater than the allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

8082A Analysis

Sample SH4521-22 was manually integrated for the extraction surrogate, TCX. The specific reasons for the manual integrations are indicated on the raw data by the manual integration codes (M1-M11). These codes are further explained in the attachment following this narrative.

Samples SH4521-12, 16, 18, and 20 as well as the method blank and LCS/D, WG145483-1-3, had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Since the recoveries of DCB were within the acceptance limits, the samples were not reextracted.

Sample SH4521-10 had low recoveries for the surrogates TCX and DCB on both channels, which were outside the laboratory established and DoD QSM acceptance limits, respectively. This sample was reextracted within hold time, analyzed and had acceptable surrogate recoveries. Therefore, only the reextract is reported.

Sample SH4521-22 had low recoveries for the surrogates TCX and DCB on both channels, which were outside the laboratory established and DoD QSM acceptance limits, respectively. This sample was reextracted within hold time, analyzed and had low recoveries for TCX and DCB on both channels, confirming the initial extract. The results for both extractions are reported.

The method blank, WG146110-1, had a low recovery for the surrogate TCX on channel B, which was outside of the laboratory established acceptance limits. Since the recovery was within the acceptance limits on the confirmation channel, the associated samples were not reextracted.

The closing calibration verification standard (CV) (file 7HF754) had high responses for Aroclor 1260 and DCB on channel A, which resulted in %D's that were outside of the DoD QSM acceptance limits of 20%. Since the responses were acceptable on channel B, the associated samples were not reanalyzed.

The opening CV (file 7HG290) had a low response for Aroclor 1260 on channel B, which resulted in a %D that was outside of the DoD QSM acceptance limits of 20%. Since the responses were acceptable on channel A, the associated samples were not reanalyzed.

The closing CV (file 7HG303) had a high response for TCX on channel A, which resulted in a %D that was outside of the DoD QSM acceptance limits of 20%. Since the response was acceptable on channel B, the associated samples were not reanalyzed.

MADEP-VPH Analysis

The LCS, WG146189-2 had a low recovery for the surrogate 2,5-dibromotoluene on the PID that was outside of the method acceptance limits. Since the recovery was acceptable on the FID, the LCSD, WG146189-3, had acceptable surrogate recoveries, and the LCS/LCSD had acceptable spike recoveries, no further action was taken.

The opening CV (file 2HG10156) had high responses for ten target analytes on the FID. The closing CV (file 2HG10173) had high responses for six target analytes on the FID. These responses resulted in %D's that were above the method acceptance limit of 25%. A high bias would indicate a high bias. Since only the hydrocarbon ranges are reported and there were no ranges detected above the MDL in the associated samples, the samples were not reanalyzed.

MADEP-EPH Analysis

Sample SH4521-18 had a low recovery for the aliphatic extraction surrogate 5-alpha androstane that was outside of method acceptance limits. The sample was reextracted within hold time and had a similar surrogate deviation. The results from both extractions are reported.

The LCS WG145668-2 had a low recovery for the aliphatic range C9-C18 that was outside of method acceptance limits. Since the LCSD was acceptable and these QC samples were associated with the reextracted sample, no further action was taken.

The C11-C22 Aromatics range was detected above ½ the reporting limit, but below the LOQ, in the method blank WG145668-1. According to the DoD QSM section D.1.1.1, a method blank is considered to be contaminated if the concentration of any target analyte in the blank exceeds ½ the reporting limit. The analyte that was also detected in any of the associated samples was flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of SDG WE53-7 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, III, IIIA and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample Numbers SH4401-(2-18) were digested for ICP analysis on 06/20/14 (QC Batch HF20ICW2) in accordance with USEPA Method 3010A. Katahdin Sample

Number SH4401-7 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4401- (19-21) were digested for ICP analysis on 06/23/14 (QC Batch HF23ICW2) in accordance with USEPA Method 3010A. Katahdin Sample Number SH4401-19 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521- (2-7, 9-14, 16-20, and 24) were digested for ICP analysis on 06/24/14 (QC Batch HF24ICW1) in accordance with USEPA Method 3010A. Katahdin Sample Numbers SH4521- (9 and 14) were prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521- (8, 15, and 21-23) were digested for ICP analysis on 06/24/14 (QC Batch HF24ICW2) in accordance with USEPA Method 3010A. Katahdin Sample Numbers SH4521- (8 and 15) were prepared with duplicate matrix-spiked aliquots.

ICP analyses of the SDG WE53-7 sample digestates were performed using a Thermo iCAP 6500 ICP spectrometer in accordance with USEPA Method 6010C. All samples were analyzed within holding times and all analytical run QC criteria were met.

Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample Numbers SH4401- (2-18) were digested for ICP-MS analysis on 06/20/14 (QC Batch HF20IMW2) in accordance with USEPA Method 3010A. Katahdin Sample Number SH4401-7 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4401- (19-21) were digested for ICP-MS analysis on 06/23/14 (QC Batch HF23IMW2) in accordance with USEPA Method 3010A. Katahdin Sample Number SH4401-19 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521- (2-7, 9-14, 16-20, and 24) were digested for ICP-MS analysis on 06/24/14 (QC Batch HF24IMW1) in accordance with USEPA Method 3010A. Katahdin Sample Numbers SH4521- (9 and 14) were prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521- (8, 15, and 21-23) were digested for ICP-MS analysis on 06/24/14 (QC Batch HF24IMW2) in accordance with USEPA Method 3010A. Katahdin Sample Numbers SH4521- (9 and 14) were prepared with duplicate matrix-spiked aliquots.

ICP-MS analyses of SDG WE53-7 sample digestates were performed using an Agilent 7500 ICP-MS spectrometer in accordance with USEPA Method 6020A. Results for all standards and samples are reported using the mean of 3 replicate measurements. All sample digestates were diluted by a factor of 5 during analysis to reduce mass interferences from chlorine, which is present in the digestates from the hydrochloric acid used in digesting the samples. All samples were analyzed within holding times and all analytical run QC criteria were met.

Internal standard recoveries for ICP-MS analyses can be found in the raw data section of the accompanying data package. The following table indicates which analytes are associated with each internal standard element.

Internal Standard Element	Associated Analytes
Lithium	Beryllium
Scandium	Sodium, Magnesium, Aluminum, Potassium, Calcium
Germanium	Vanadium, Chromium, Manganese, Iron, Cobalt, Nickel, Copper, Zinc, Arsenic, Selenium, Silver, Cadmium
Terbium	Antimony, Barium
Bismuth	Lead, Thallium

Instrument tuning information can also be found in the raw data section in the report labeled "6020 QC Tune Report". The relative standard deviation was determined from 4 replicate measurements. The peak width was measured at 10% of the peak height.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Numbers SH4401- (2, 4, 6, 8, 10, 12, 14, 16, 18, and 20) and SH4521- (2, 4, 6, 8, and 10) were digested for mercury analysis on 06/26/14 (QC Batch HF26HGW3) in accordance with USEPA Method 7470A. Katahdin Sample Number SH4521-8 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521- (12, 14, 16, 18, 20, 21, and 23) were digested for mercury analysis on 06/29/14 (QC Batch HF29HGW2) in accordance with USEPA Method 7470A. A duplicate of SH4521-8 was prepared in this batch. Katahdin Sample Number SH4521-14 was prepared in duplicate and with a matrix-spiked aliquot.

Aqueous-matrix Katahdin Sample Numbers SH4401- (3, 5, 7, 9, 11, 13, 15, 17, 19, and 21) and SH4521- (3, 5, 7, 9, 11, 13, 15, 17, 22, and 24) were digested for mercury analysis on 06/29/14 (QC Batch HF29HGW3) in accordance with USEPA Method 7470A. Katahdin Sample Numbers SH4521- (9 and 15) were prepared in duplicate and with matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Numbers SH4521-19 was digested for mercury analysis on 07/03/14 (QC Batch HG03HGW2) in accordance with USEPA Method 7470A.

Mercury analyses of SDG WE53-7 sample digestates were performed using a Cetac M6100 automated mercury analyzer in accordance with USEPA Method 7470A. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The measured recovery of copper in one of the matrix-spiked aliquots of Katahdin Sample Number SH4401-7 is outside the project acceptance criteria (80% - 120% recovery of the added element, if the native concentration is less than four times the amount added).

The measured recovery of calcium in the matrix-spiked aliquots of Katahdin Sample Numbers SH4401-19 and SH4521- (8 and 9) are outside the project acceptance criteria (80% - 120% recovery of the added element, if the native concentration is less than four times the amount added). For calcium this may be attributed to the native concentration in the sample being significantly higher than

the spike amount added.

The measured recovery of calcium in one each of the matrix-spiked aliquots of Katahdin Sample Numbers SH4521- (14 and 15) are outside the project acceptance criteria (80% - 120% recovery of the added element, if the native concentration is less than four times the amount added).

The measured recovery of all analytes in the post-digestion matrix spiked aliquots of Katahdin Sample Numbers SH4401-7 and SH4521- (8, 9, and 15) are within the project acceptance criteria (75% - 125% recovery of the added element).

The measured recovery of calcium in the post-digestion matrix spiked aliquot of Katahdin Sample Number SH4401-19 is outside the project acceptance criteria (75% - 125% recovery of the added element). For calcium this may be attributed to the native concentration in the sample being significantly higher than the spike amount added.

The measured recovery of arsenic in the post-digestion matrix spiked aliquot of Katahdin Sample Number SH4521-14 is outside the project acceptance criteria (75% - 125% recovery of the added element).

The matrix-spiked duplicate analysis of Katahdin Sample Number SH4401-7 is outside the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for copper.

The matrix-spiked duplicate analysis of Katahdin Sample Numbers SH4401-19 and SH4521- (8, 9, 14, and 15) are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all analytes.

The duplicate analysis of Katahdin Sample Numbers SH4521- (8, 9, 14, and 15) are within the laboratory's acceptance limit (<20% relative difference between duplicate aliquots) for mercury.

The serial dilution analysis of Katahdin Sample Numbers SH4401- (7 and 19) and SH4521- (8, 9, 14, and 15) are within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the LOD) for all analytes.

Reporting of Metals Results

Per client request, analytical results for client samples on Form I and preparation blanks on Form IIIP have been reported using the laboratory's limits of detection (LOD). All results were evaluated down to the laboratory's method detection limits (MDLs). Results that fall between the MDL and the LOQ are flagged with "J" in the C-qualifier column, and the measured concentration appears in the concentration column. Results that are less than the MDL are flagged with "U" in the C-qualifier column, and the LOD is listed in the concentration column. These LOQs, MDLs, and LODs have been adjusted for each sample based on the sample amounts used in preparation and analysis.

Analytical results on Forms VA, VD, VII, and IX for client samples, matrix QC samples (duplicates and matrix spikes), and laboratory control samples have been reported down to the laboratory's method detection limits (MDLs). Analytical results that are below the MDLs are flagged with "U" in the C-qualifier column, and the measured concentration is listed in the concentration column.

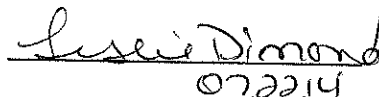
Analytical results for instrument run QC samples (ICVs, ICBs, etc.) have been reported down to the laboratory's instrument detection limits (IDLs).

IDLs, LODs, MDLs, and LOQs are listed on Form 10 of the accompanying data package.

Subcontracted Data

Analyses for Perchlorate by Method SW8321 were performed by subcontract laboratories. Please refer to the sections of the data package titled Subcontracted Data.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.



07.22.14

Leslie Dimond
Quality Assurance Officer

Katahdin Analytical Services, Inc.

Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting.
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant.
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold.
M9	Peak was not completely integrated as in GC/MS.
M10	Primary ion was correctly integrated, but secondary or tertiary ion needed manual integration as in GC/MS.
M11	For GC analysis, when a sample is diluted by 1:10 or more, the surrogate is set to undetected and then the area under the surrogate is manually integrated.
M12	Manual integration saved in method due to TurboChrom floating point error.

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>CDS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>JO</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>1</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3.2</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

mw-14 not on AQ chan, present in cooler.

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>JO</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>2</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>0.9</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?					
Soil/Sediment:					
Received in airtight container?	✓				
Received in methanol?	✓				
Methanol covering soil?	✓				
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?				✓	
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	
* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments					

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>GN</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>3</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>2.1</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?					Note: No cooling process required for metals analysis.
6. Volatiles:	✓				
Aqueous: No bubble larger than a pea?					
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?	✓			✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	
* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments					

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400 / SH4401</u>	KIMS Review By: <u>GN</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>4</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3.3</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:				✓	
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				✓	
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Clert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>OP</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>5</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>0.6</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GW</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>JO</u>	Received By: <u>GW</u>
SDG #:	Cooler: <u>6</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>1.9</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				✓
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2					
Sulfide - >9					
Cyanide – pH >12					

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Chert</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>JO</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>7</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.					Temp (°C): <u>2.2</u>
Samples received at <6 °C w/o freezing?					Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>JO</u>	Sampled By: <u>Clarf</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>ODS</u>
KAS Work Order#: <u>SH4400/SH4401</u>	KIMS Review By: <u>GN</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>8</u> of <u>8</u>	Date/Time Rec.: <u>6-19-14/08:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>0.8</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?					Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9					
Cyanide - pH >12					

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <i>Tetra Tech</i>	KAS PM: <i>Jo</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>Gr</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SH4521/4522/4523</i>	KIMS Review By: <i>Gr</i>	Received By: <i>Gr</i>
SDG #:	Cooler: <i>1</i> of <i>1514</i>	Date/Time Rec.: <i>6-20-14/15:00</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <i>0.9</i>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2	✓				
Sulfide - >9				✓	
Cyanide - pH >12				✓	
* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments					

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>Gr</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>Jo</u>	Received By: <u>Gr</u>
SDG #:	Cooler: <u>2</u> of <u>15</u>	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3.4</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>Gr</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>Gr</u>	Received By: <u>Gr</u>
SDG #:	Cooler: <u>3</u> of <u>15</u> <u>14</u>	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>4.3</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	
* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments					

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>Gr</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>Jo</u>	Received By: <u>Gr</u>
SDG #:	Cooler: <u>4</u> of <u>15</u> 14	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>4.7</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:				✓	
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>GR</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>GR</u>	Received By: <u>GR</u>
SDG #:	Cooler: <u>5</u> of <u>48</u> 14	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>1.6</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2					
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>GR</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>GR</u>	Received By: <u>GR</u>
SDG #:	Cooler: <u>6</u> of <u>15</u> 14	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3.5</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <i>Tetra Tech</i>	KAS PM: <i>Jo</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>Gr</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SH4521/4522/4523</i>	KIMS Review By: <i>Jo</i>	Received By: <i>Gr</i>
SDG #:	Cooler: <i>7</i> of <i>15</i> <i>14</i>	Date/Time Rec.: <i>6-20-14/15:00</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <i>6.0</i>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <i>Tetra Tech</i>	KAS PM: <i>Jo</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>GR</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SH4521/4522/4523</i>	KIMS Review By: <i>GR</i>	Received By: <i>GR</i>
SDG #:	Cooler: <i>8</i> of <i>18</i> <i>14</i>	Date/Time Rec.: <i>6-20-14/15:00</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <i>0.8</i>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:				✓	
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <i>Tetra Tech</i>	KAS PM: <i>Jo</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>GM</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SH4521/4522/4523</i>	KIMS Review By: <i>GM</i>	Received By: <i>GM</i>
SDG #:	Cooler: <i>9</i> of <i>15</i>	Date/Time Rec.: <i>6-20-14/15:00</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <i>5.7</i>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:				✓	
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓			✓	
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>GN</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>18</u> of <u>48</u> <u>14</u>	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>24</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2					
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>GR</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>GR</u>	Received By: <u>GR</u>
SDG #:	Cooler: <u>4</u> of <u>45</u> <u>14</u>	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>2.9</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:				✓	
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:				✓	
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?		✗		✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	
* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments					

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>Gr</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>544521/4522/4523</u>	KIMS Review By: <u>Jo</u>	Received By: <u>Gr</u>
SDG #:	Cooler: <u>12</u> of <u>15</u> <u>14</u>	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3.6</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:	✓				
Aqueous: No bubble larger than a pea?					
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?	✓				
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2					
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <i>Tetra Tech</i>	KAS PM: <i>Jo</i>	Sampled By: <i>Client</i>
Project:	KIMS Entry By: <i>Gr</i>	Delivered By: <i>Client</i>
KAS Work Order#: <i>SH4521/4522/4523</i>	KIMS Review By: <i>Jo</i>	Received By: <i>Gr</i>
SDG #:	Cooler: <i>13</i> of <i>15</i>	Date/Time Rec.: <i>6-20-14/15:00</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <i>6.0</i>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:		✓			
Aqueous: No bubble larger than a pea?		✓			
Soil/Sediment:					
Received in airtight container?	✓				
Received in methanol?	✓				
Methanol covering soil?	✓				
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?	✓				
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?				✓	
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2				✓	
Sulfide - >9				✓	
Cyanide – pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Katahdin Analytical Services, Inc.

Sample Receipt Condition Report

Client: <u>Tetra Tech</u>	KAS PM: <u>Jo</u>	Sampled By: <u>Client</u>
Project:	KIMS Entry By: <u>GR</u>	Delivered By: <u>Client</u>
KAS Work Order#: <u>SH4521/4522/4523</u>	KIMS Review By: <u>GR</u>	Received By: <u>GR</u>
SDG #:	Cooler: <u>14</u> of <u>15</u> 14	Date/Time Rec.: <u>6-20-14/15:00</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>3-8</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) or insufficient ice may not meet certain regulatory requirements and may invalidate certain data.
If yes, was there sufficient ice to meet temperature requirements?	✓				
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles:					
Aqueous: No bubble larger than a pea?				✓	
Soil/Sediment:					
Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
D.I. Water - Received within 48 hour HT?				✓	
Air: Refer to KAS COC for canister/flow controller requirements.	✓ if air included				
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved?					
Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2				✓	
Sulfide - >9				✓	
Cyanide - pH >12				✓	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments



600 Technology Way
P.O. Box 540
Scarborough, ME 04070
Tel: (207) 874-2400
Fax: (207) 775-4029

Chain of Custody

Client: Tetra Tech		Contact: Mindi Messner		Phone #: (978) 474-8400		Fax #: (978) 474-8499									
Address: 250 Andover St. #200		City: Wilmington		State: MA		Zip Code: 0201827									
Purchase Order #:		Proj. Name/No.: Cutter FTA/ CTO WES3		Katahdin Quote #:											
Bill (if different than above):		Address:													
Sampler (Print/Sign): Brian Geringer / BG		Copies To:													
LAB USE ONLY		Work Order #: 514481		Analysis and Container Type											
Remarks:		Katahdin Project Number		Preservatives											
				Filt.	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.	Filt.		
				Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N	Y/N		
Shipping Info:		FEDEX		UPS		CLIENT									
Airbill No:															
Temp C		Temp Blank		Intact		Not Intact									

*	Sample Description	Date/Time Collected	Matrix	No. of Containers	JCS	Vani	Chloride	VPH	EPH	Total Metals	Dissolved Metals	SIXCS	PRAI/PROS
	FTA-GW-T801-061714	6/17/14 0800	AQ	8	X	X	X						
	FTA-MW-9-061714	6/17/14 1020	GW	18	X	X	X	X	X	X	X	X	
	FTA-MW-10-061714	6/17/14 1230		18	X	X	X	X	X	X	X	X	
	FTA-MW-11-061714	6/17/14 1020		18	X	X	X	X	X	X	X	X	
	FTA-MW-12-061714	6/17/14 1240		18	X	X	X	X	X	X	X	X	
	FTA-MW-5-061814	6/18/14 0952		18	X	X	X	X	X	X	X	X	
	FTA-MW-203-061814	6/18/14 1020		18	X	X	X	X	X	X	X	X	
	FTA-GW-D-POL-061814	6/18/14 0000		18	X	X	X	X	X	X	X	X	
	FTA-MW-218-061814	6/18/14 1238		18	X	X	X	X	X	X	X	X	
	FTA-MW-206-061814	6/18/14 1245	✓	18	X	X	X	X	X	X	X	X	

COMMENTS: **Standard TAT**

Relinquished By: BG	Date/Time: 6/18/14 1700	Received By: [Signature]	Relinquished By:	Date/Time:	Received By:
Relinquished By:	Date/Time:	Received By:	Relinquished By:	Date/Time:	Received By:

The terms and conditions on the following page hereof shall govern services, except when a signed contractual agreement exists.

0000036



600 Technology Way
Scarborough, ME 04074
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND
PRINT LEGIBLY IN PEN

Page ____ of ____

Client Tetra Tech	Contact Mindi Messmer	Phone # (978) 474-8400	Fax # (978) 474-8499
Address 250 Andover St. # 200	City Wilmington	State MA	Zip Code 01887
Purchase Order #	Proj. Name / No. Cutler-FTA/ CTO WE53	Katahdin Quote #	
Bill (if different than above)	Address		

Sampler (Print / Sign) Brian Geringer/ B-G	Copies To:
--	------------

LAB USE ONLY	WORK ORDER #: 544521	ANALYSIS AND CONTAINER TYPE PRESERVATIVES									
KATAHDIN PROJECT NUMBER		Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N	Filt. <input type="checkbox"/> Y <input type="checkbox"/> N
REMARKS:		VOCs	Vinyl Chloride	UPH	EPH	SVOCs	PCBs	Total Metals	Dissolved Metals	PFOS/PFOs	Pesticides/PCBs
SHIPPING INFO: <input type="checkbox"/> FED EX <input type="checkbox"/> UPS <input type="checkbox"/> CLIENT											
AIRBILL NO:											
TEMP °C <input type="checkbox"/> TEMP BLANK <input type="checkbox"/> INTACT <input type="checkbox"/> NOT INTACT											

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOCs	Vinyl Chloride	UPH	EPH	SVOCs	PCBs	Total Metals	Dissolved Metals	PFOS/PFOs	Pesticides/PCBs
	FTA-GW-TB02-061814	6/18/14/1600	AQ	8	X	X	X							
	FTA-MW-208-061814	" / 1615	GW	18	X	X	X	X	X		X	X	X	
	FTA-MW-1-061814	" / 1630	"	18	X	X	X	X	X		X	X	X	
	FTA-GW-DUP02-061814	" / 0000	"	18	X	X	X	X	X		X	X	X	
	FTA-MW-210-061814	6/19/14/0900	✓	52	X	X	X	X	X		X	X	X	
	FTA-SW-01-061914	" / 0920	SW	14	X	X		X	X	X	X	X		
	" -02-061914	" / 1042	"	14	X	X		X	X	X	X	X		
	" -03-061914	" / 1215	"	40	X	X		X	X	X	X	X		
	" -06-061914	" / 1435	"	14	X	X		X	X	X	X	X		
	" -07-061914	" / 1715	"	14	X	X		X	X	X	X	X		
	" -08-061914	" / 1630	"	14	X	X		X	X	X	X	X		
	FTA-SW-DUP01-061914	" / 0000	"	14	X	X		X	X	X	X	X		
	FTA-SD-RB01-062014	6-20-14/0800	AQ	10	X			X	X		X			X
		/												
		/												
		/												

COMMENTS
Standard TAT- FTA-MW-210-061814 + FTA-SW-03-061914 are QC

Relinquished By: (Signature) B-G	Date / Time 6/20/14 1500	Received By: (Signature) [Signature]	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

0060037 ORIGINAL

Katahdin Analytical Services
Login Chain of Custody Report (Ino1)
Jun. 19, 2014
02:57 PM

Page: 1 of 11

Login Number: SH4401

Account: TETRAT001

Tetra Tech NUS, Inc.

Web

Quote/Incoming: TT-CUTLERWE53A(

Login Information:

ANALYSIS INSTRUCTIONS : DoD QSM with DoD limits. ND to LOD. "J" flag between MDL and LOQ. VOAs soils pres w/ sod bisul/MeOH. EPH/VPH- report ranges only. Decant sediments for all except VOA/VPH is there is standing water. Run TS first. Increase sample weight to compensate for TS. If moisture still too high further steps will be needed. Metals (6020A/7471A/7471B-run MS/lab dup, post dig spike and serial dilutions. SVOA/PAH-8270D.PCBs-8082A-SOXHLET EXTRACTION. Final volume for Pest/PCB=2mls.

Primary Report Address:

Vanessa Good
Tetra Tech NUS, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh,PA 15220
vanessa.good@tetratech.com

Primary Invoice Address:

Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:

Invoice CC Addresses:

CHECK NO. :
CLIENT PO# : 1045366 106-CTO WE53 112G02585
CLIENT PROJECT MANAGE : Mindi Messmer
CONTRACT : N62467-04-D-0055
COOLER TEMPERATURE : 3.2, 0.9, 2.1, 3.3, 0.6, 1.9, 2.2, 0.8
DELIVERY SERVICES : CDS
EDD FORMAT : KAS119QC-CSV
LOGIN INITIALS : JO/GN
PM : JO

PROJECT NAME : NCTAMSLANT Cutler CTO WE53 FTA

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal Date	Due Date	Mailed
----------------------	----------------------	-------------------	--------------	-------------	----------	--------

SH4401-1	FTA-GW-TB01-061714	17-JUN-14 08:00	19-JUN-14	08-JUL-14		
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S MA-VPH-LOD	01-JUL-14	SDG 1B 40mL Vial+HCl	1	Summary package needs all forms. Send HC and 2 CDs to Vanessa. Email PDF to Mindi. If file count exceeds file limits, please mail CD.	
Aqueous	S SW8260-S	01-JUL-14	SDG 40mL Vial+HCl	1	WE53-7	
Aqueous	S SW8260SIM-S	01-JUL-14	SDG 40mL Vial+HCl	1	Begin	

SH4401-2	FTA-MW-9-061714	17-JUN-14 10:20	19-JUN-14	08-JUL-14		
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S MA-EPH-LOD	01-JUL-14	1L N-Amber Glass			
Aqueous	S MA-VPH-LOD	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ALUMINIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-BARIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-CALCIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-IRON	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MAGNESIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MANGANESE	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-POTASSIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-SODIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ZINC	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ANTIMONY	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ARSENIC	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-BERYLLIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CADMIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CHROMIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COBALT	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COPPER	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-LEAD	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-NICKEL	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SELENIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SILVER	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-THALLIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-VANADIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW7470-MERCURY	15-JUL-14	500mL Plastic+HNO3			
Aqueous	S SW8260-S	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW8260SIM-S	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW8270-S	24-JUN-14	1L N-Amber Glass			
Aqueous	S SW8270SIM-S	24-JUN-14	1L N-Amber Glass			
Aqueous	S SW8321PERC-SUB	15-JUL-14				

90
06-19-14

6000038

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001
Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-3	FTA-MW-9-061714	17-JUN-14 10:20	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	15-JUL-14	500mL Plastic+HNO3				
SH4401-4	FTA-MW-10-061714	17-JUN-14 12:30	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	01-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	15-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	15-JUL-14					

 80
 06-19-14

0000039

Katahdin Analytical Services
Login Chain of Custody Report (Ino1)
 Jun. 19, 2014
 02:57 PM

Page: 3 of 11

Login Number: SH4401

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal PR Date	Due Date	Mailed
SH4401-5	FTA-MW-10-061714	17-JUN-14 12:30	19-JUN-14		08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ALUMINUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-BARIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-CALCIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-IRON-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MAGNESIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MANGANESE-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-POTASSIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-SODIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ZINC-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ANTIMONY-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ARSENIC-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-BERYLLIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CADMIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CHROMIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COBALT-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COPPER-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-LEAD-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-NICKEL-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SELENIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SILVER-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-THALLIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-VANADIUM-DIS	14 DEC-14	250mL Plastic+HNO3			
Aqueous	S SW7470-MERCURY-DIS	15-JUL-14	500mL Plastic+HNO3			
SH4401-6	FTA-MW-11-061714	17-JUN-14 10:20	19-JUN-14		08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S MA-EPH-LOD	01-JUL-14	1L N-Amber Glass			
Aqueous	S MA-VPH-LOD	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ALUMINUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-BARIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-CALCIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-IRON	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MAGNESIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MANGANESE	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-POTASSIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-SODIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ZINC	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ANTIMONY	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ARSENIC	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-BERYLLIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CADMIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CHROMIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COBALT	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COPPER	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-LEAD	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-NICKEL	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SELENIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SILVER	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-THALLIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-VANADIUM	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW7470-MERCURY	15-JUL-14	500mL Plastic+HNO3			
Aqueous	S SW8260-S	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW8260SIM-S	01-JUL-14	40mL Vial+HCl			
Aqueous	S SW8270-S	24-JUN-14	1L N-Amber Glass			
Aqueous	S SW8270SIM-S	24-JUN-14	1L N-Amber Glass			
Aqueous	S SW8321PERC-SUB	15-JUL-14				

JP
06-19-14

00000040

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001
Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-7	FTA-MW-11-061714	17-JUN-14 10:20	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	15-JUL-14	500mL Plastic+HNO3				
SH4401-8	FTA-MW-12-061714	17-JUN-14 12:40	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	01-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	15-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	15-JUL-14					

06-19-14

0000041

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001
Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal PR Date	Due Date	Mailed
SH4401-9	FTA-MW-12-061714	17-JUN-14 12:40	19-JUN-14		08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ALUMINUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-BARIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-CALCIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-IRON-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MAGNESIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MANGANESE-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-POTASSIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-SODIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ZINC-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ANTIMONY-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ARSENIC-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-BERYLLIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CADMIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CHROMIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COBALT-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COPPER-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-LEAD-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-NICKEL-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SELENIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SILVER-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-THALLIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-VANADIUM-DIS	14-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW7470-MERCURY-DIS	15-JUL-14	500mL Plastic+HNO3			
SH4401-10	FTA-MW-5-061814	18-JUN-14 09:52	19-JUN-14		08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments	
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass			
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl			
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3			
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3			
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl			
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl			
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass			
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass			
Aqueous	S SW8321PERC-SUB	16-JUL-14				

 90
 06-19-14

0000042

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-11	FTA-MW-5-061814	18-JUN-14 09:52	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4401-12	FTA-MW-203-061814	18-JUN-14 10:20	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

 go
 06-19-14

0000043

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-13	FTA-MW-203-061814	18-JUN-14 10:20	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4401-14	FTA-GW-DUP01-061814	18-JUN-14 00:00	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

 OK
 06-19-14

0000044

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Jun. 19, 2014
02:57 PM

Page: 8 of 11

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001
Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	Verbal PR	Date	Due Date	Mailed
SH4401-15	FTA-GW-DUP01-061814	18-JUN-14 00:00	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4401-16	FTA-MW-218-061814	18-JUN-14 12:38	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

 go
 06-19-14

0000045

Katahdin Analytical Services
Login Chain of Custody Report (Ino1)
Jun. 19, 2014
02:57 PM

Page: 9 of 11

Login Number: SH4401

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-17	FTA-MW-218-061814	18-JUN-14 12:38	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4401-18	FTA-MW-206-061814	18-JUN-14 12:45	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

OK 06-19-14

0000046

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Jun. 19, 2014
02:57 PM

Page: 10 of 11

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001
Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-19	FTA-MW-206-061814	18-JUN-14 12:45	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4401-20	FTA-MW-14-061714	17-JUN-14 16:00	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	01-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	15-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	01-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	24-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	15-JUL-14					

 go
 06-19-14

0000047

Login Number: SH4401
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4401-21	FTA-MW-14-061714	17-JUN-14 16:00	19-JUN-14			08-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	14-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	15-JUL-14	500mL Plastic+HNO3				

Total Samples: 21
Total Analyses: 573

 OP
 06-19-14

06000048

Login Number: SH4521

Account: TETRAT001

Tetra Tech NUS, Inc.

Web

Quote/Incoming: TT-CUTLERWE53A(

Login Information:

ANALYSIS INSTRUCTIONS : DoD QSM with DoD limits. ND to LOD. "J" flag between MDL and LOQ. VOAs soils pres w/ sod bisul/MeOH. EPH/VP- report ranges only. Decant sediments for all except VOA/VPH is there is standing water. Run TS first. Increase sample weight to compensate for TS. If moisture still too high further steps will be needed. Metals (6020A/7471A/7471B-run MS/lab dup, post dig spike and serial dilutions. SVOA/PAH-8270D.PCBs-8082A-SOXHLET EXCRATION. Final volume for Pest/PCB=2mls.

Primary Report Address:

Vanessa Good
Tetra Tech NUS, Inc.
Foster Plaza 7
661 Anderson Drive
Pittsburgh,PA 15220

Primary Invoice Address: vanessa.good@tetratech.com

Accounts Payable
Tetra Tech NUS, Inc.
661 Andersen Drive
Foster Plaza 7
Pittsburgh,PA 15220

Report CC Addresses:

Invoice CC Addresses:

CHECK NO. :
CLIENT PO# : 1045366 106-CTO WE53 112G02585
CLIENT PROJECT MANAGE : Mindi Messmer
CONTRACT : N62467-04-D-0055
COOLER TEMPERATURE : 0.9, 3.4, 4.3, 4.7, 1.6, 3.5, 6.0, 0.8, 5.7, 2.4, 2.9, 3.6, 6.0, 3.8
DELIVERY SERVICES : Client
EDD FORMAT : KAS119QC-CSV
LOGIN INITIALS : GN
PM : JO

Laboratory Sample ID	Client Sample Number	Collect Date/Time	PR	Verbal Date	Due Date	Mail Date
SH4521-1	FTA-GW-TB02-061814	18-JUN-14 16:00	REGULATORY LIST	20-JUN-14	09-JUL-14	

Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S MA-VP-LOD	02-JUL-14	40mL Vial+HCl	1	
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl	1	
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl	1	

SH4521-2	FTA-MW-208-061814	18-JUN-14 16:15	REGULATORY LIST	20-JUN-14	09-JUL-14	
----------	-------------------	-----------------	-----------------	-----------	-----------	--

Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass		
Aqueous	S MA-VP-LOD	02-JUL-14	40mL Vial+HCl		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3		
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3		
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl		
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl		
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass		
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass		
Aqueous	S SW8321PERC-SUB	16-JUL-14			

JP
06-21-14

0000049

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-3	FTA-MW-208-061814	18-JUN-14 16:15	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4521-4	FTA-MW-1-061814	18-JUN-14 16:30	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

 90
 06-21-14

0000050

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-5	FTA-MW-1-061814	18-JUN-14 16:30	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4521-6	FTA-GW-DUP02-061814	18-JUN-14 00:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	02-JUL-14	1L N-Amber Glass				
Aqueous	S MA-VPH-LOD	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	16-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	02-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	25-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	16-JUL-14					

 90
 06-21-14

0000051

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCs

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-7	FTA-GW-DUP02-061814	18-JUN-14 00:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	15-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	16-JUL-14	500mL Plastic+HNO3				
SH4521-8	FTA-MW-210-061814	19-JUN-14 09:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass		MS/MSD		
Aqueous	S MA-VPH-LOD	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8321PERC-SUB	17-JUL-14					

go
06-21-14

0000052

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-9	FTA-MW-210-061814	19-JUN-14 09:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3		MS/MSD		
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-10	FTA-SW-01-061914	19-JUN-14 09:20	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

 go
 06-21-14

0000053

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-11	FTA-SW-01-061914	19-JUN-14 09:20	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-12	FTA-SW-02-061914	19-JUN-14 10:42	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

go
06-21-14

0000054

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-13	FTA-SW-02-061914	19-JUN-14 10:42	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-14	FTA-SW-03-061914	19-JUN-14 12:15	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass		MS/MSD		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

 go
 06-21-14

0000055

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-15	FTA-SW-03-061914	19-JUN-14 12:15	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type		Bottle Count	Comments	
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3			MS/MSD	
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-16	FTA-SW-06-061914	19-JUN-14 14:35	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type		Bottle Count	Comments	
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

90
06-21-14

0000056

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-17	FTA-SW-06-061914	19-JUN-14 14:35	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-18	FTA-SW-07-061914	19-JUN-14 17:15	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

90
06-21-14

0000057

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-19	FTA-SW-07-061914	19-JUN-14 17:15	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-20	FTA-SW-08-061914	19-JUN-14 16:30	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

 90
 06-21-14

0000058

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-21	FTA-SW-08-061914	19-JUN-14 16:30	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-22	FTA-SW-DUP01-061914	19-JUN-14 00:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	03-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	17-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8082-S	19-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8260SIM-S	03-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270-S	26-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIM-S	26-JUN-14	1L N-Amber Glass				

88
06.21.14

0000059

Login Number: SH4521
Quote/Incoming: TT-CUTLERWE53A(
Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SH4521-23	FTA-SW-DUP01-061914	19-JUN-14 00:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S SW3010-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM-DIS	16-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY-DIS	17-JUL-14	500mL Plastic+HNO3				
SH4521-24	FTA-SD-RB01-062014	20-JUN-14 08:00	20-JUN-14			09-JUL-14	
Matrix	Product	Hold Date (shortest)	Bottle Type	Bottle Count	Comments		
Aqueous	S MA-EPH-LOD	04-JUL-14	1L N-Amber Glass				
Aqueous	S SW3010-PREP	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW3010MS-PREP	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ALUMINUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-CALCIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-IRON	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MAGNESIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-MANGANESE	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-POTASSIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-SODIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ANTIMONY	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-ARSENIC	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-BERYLLIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CADMIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-CHROMIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COBALT	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-COPPER	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-LEAD	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-NICKEL	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SELENIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-SILVER	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-THALLIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW6020-VANADIUM	17-DEC-14	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	18-JUL-14	500mL Plastic+HNO3				
Aqueous	S SW8081-S	27-JUN-14	1L N-Amber Glass				
Aqueous	S SW8082-S	20-JUL-14	1L N-Amber Glass				
Aqueous	S SW8260-S	04-JUL-14	40mL Vial+HCl				
Aqueous	S SW8270OLM-S	27-JUN-14	1L N-Amber Glass				
Aqueous	S SW8270SIMPAS-S	27-JUN-14	1L N-Amber Glass				

 go
 06-21-14

0000060



Katahdin Analytical Services
Login Chain of Custody Report (Ino1)
Jun. 21, 2014
11:44 AM

Page: 13 of 13

Login Number: SH4521

Quote/Incoming: TT-CUTLERWE53A(

Account: TETRAT001

Web

Tetra Tech NUS, Inc.

Project: TT-CUTLERWE53AOCS

NCTAMSLANT Cutler CTO WE53 AOCs

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
-------------------------	-------------------------	----------------------	-----------------	----	----------------	-------------	--------

Total Samples: 24

Total Analyses: 653

90
06-21-14

0000061

SAMPLE DATA SUMMARY PACKAGE

KATAHDIN ANALYTICAL SERVICES - ORGANIC DATA QUALIFIERS

The sampled date indicated on the attached Report(s) of Analysis (ROA) is the date for which a grab sample was collected or the date for which a composite sample was completed. Beginning and start times for composite samples can be found on the Chain-of-Custody.

U Indicates the compound was analyzed for but not detected above the specified level. This level may be the Limit of Quantitation (LOQ)(previously called Practical Quantitation Level (PQL)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.

Note: All results reported as "U" MDL have a 50% rate for false negatives compared to those results reported as "U" PQL/LOQ or "U" LOD, where the rate of false negatives is <1%.

* Compound recovery outside of quality control limits.

D Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.

E Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.

J Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Limit of Quantitation (LOQ)(previously called Practical Quantitation Limit (PQL)), but above the Method Detection Limit (MDL).

or

J Used for Pesticides, PCBs, Herbicides, Formaldehyde, Explosives and Method 504.1 analytes when there is a greater than 40% difference for detected concentrations between the two GC columns.

B Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.

C Indicates that the flagged compound did not meet DoD criteria in the corresponding daily calibration verification (CV).

L Indicates that the flagged compound did not meet DoD criteria in the corresponding Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) prepared and/or analyzed concurrently with the sample.

M Indicates that the flagged compound did not meet DoD criteria in the Matrix Spike and/or Matrix Spike Duplicate prepared and/or analyzed concurrently with the native sample.

N Presumptive evidence of a compound based on a mass spectral library search.

A Indicates that a tentatively identified compound is a suspected aldol-condensation product.

P Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

METALS SAMPLE FLAGGING

FLAG	SPECIFIED MEANING
E	The reported value is estimated because of the presence of interference (as indicated by serial dilution).
N	The pre-digestion spiked sample recovery is not within control limits.
*	The duplicate sample analysis relative percent difference (RPD) is not within control limits.
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
A	The post-digestion spiked sample recovery is not within control limits.
•	Analytical run QC sample (e.g. ICV, CCV, ICB, CCB, ICSA, ICSAB) not within control limits.
U	<p>The analyte was not detected above the specified level. This level may be the Limit of Quantitation (LOQ)(previously called Practical Quantitation Level (PQL)), the Limit of Detection (LOD) or Method Detection Limit (MDL) as required by the client.</p> <p>Note: All results reported as “U” MDL have a 50% rate for false negatives compared to those results reported as “U” PQL/LOQ or “U” LOD, where the rate of false negatives is <1%.</p>
J	The analyte was detected in the sample at a concentration less than the laboratory Limit of Quantitation (LOQ) (previously called Practical Quantitation Limit (PQL)), but above the Method Detection Limit (MDL).

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-1
Client ID: FTA-GW-TB01-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: C7853.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		98.9	%					
Toluene-d8		98.1	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-1
Client ID: FTA-GW-TB01-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: C7853.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		117.	%					
Dibromofluoromethane		102.	%					

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: C7855.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	J	0.38	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	J	0.81	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		99.0	%					
Toluene-d8		96.0	%					

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: C7855.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		115.	%					
Dibromofluoromethane		102.	%					

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: C7856.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		96.0	%					
Toluene-d8		97.2	%					

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: C7856.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		116.	%					
Dibromofluoromethane		100.	%					

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: C7857.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	J	0.24	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		97.9	%					
Toluene-d8		95.5	%					

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: C7857.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		113.	%					
Dibromofluoromethane		103.	%					

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: C7858.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		95.2	%					
Toluene-d8		94.4	%					

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: C7858.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		113.	%					
Dibromofluoromethane		100.	%					

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: C7859.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		95.6	%					
Toluene-d8		94.4	%					

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: C7859.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		113.	%					
Dibromofluoromethane		98.8	%					

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: C7860.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		98.6	%					
Toluene-d8		96.0	%					

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: C7860.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		118.	%					
Dibromofluoromethane		102.	%					

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: C7861.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		97.8	%					
Toluene-d8		95.4	%					

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: C7861.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		118.	%					
Dibromofluoromethane		103.	%					

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: C7862.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		95.1	%					
Toluene-d8		92.9	%					

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: C7862.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		114.	%					
Dibromofluoromethane		99.0	%					

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: C7863.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene		22	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene		8.2	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		97.0	%					
Toluene-d8		95.7	%					

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: C7863.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		116.	%					
Dibromofluoromethane		103.	%					

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: C7864.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		93.7	%					
Toluene-d8		96.2	%					

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: C7864.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4	*	120.	%					
Dibromofluoromethane		103.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-1
Client ID: FTA-GW-TB02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: C7874.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		96.3	%					
Toluene-d8		98.6	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-1
Client ID: FTA-GW-TB02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: C7874.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		119.	%					
Dibromofluoromethane		99.8	%					

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: C7876.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		88.7	%					
Toluene-d8		98.5	%					

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: C7876.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4	*	120.	%					
Dibromofluoromethane		106.	%					

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: C7877.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	J	3.0	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		90.0	%					
Toluene-d8		88.9	%					

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: C7877.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4	*	126.	%					
Dibromofluoromethane		102.	%					

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: C7878.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		93.0	%					
Toluene-d8		97.9	%					

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: C7878.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4	*	123.	%					
Dibromofluoromethane		107.	%					

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: C7879.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane		1.0	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane		1.0	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		96.6	%					
Toluene-d8		95.2	%					

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: C7879.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		118.	%					
Dibromofluoromethane		107.	%					

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: C7880.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		90.7	%					
Toluene-d8		94.1	%					

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: C7880.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		119.	%					
Dibromofluoromethane		101.	%					

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: C7881.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		85.9	%					
Toluene-d8		96.6	%					

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: C7881.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		118.	%					
Dibromofluoromethane		102.	%					

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: C7882.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	UMM	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	UM	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	UM	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	UM	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	UM	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	UM	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	UM	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	UM	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	UM	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	UM	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	UM	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	UM	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	UM	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	UM	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	UM	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	UM	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	UM	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	UM	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	UM	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	UM	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	UM	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	UM	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		93.9	%					
Toluene-d8		94.1	%					

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: C7882.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4	*	126.	%					
Dibromofluoromethane		107.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-16RA
Client ID: FTA-SW-06-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9210.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone		7.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	J	0.86	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		95.2	%					
Toluene-d8		111.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-16RA
Client ID: FTA-SW-06-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9210.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		117.	%					
Dibromofluoromethane		112.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-18RA
Client ID: FTA-SW-07-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9211.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone		6.0	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene		5.1	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		98.3	%					
Toluene-d8		114.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-18RA
Client ID: FTA-SW-07-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9211.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		118.	%					
Dibromofluoromethane	*	115.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-20RA
Client ID: FTA-SW-08-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9212.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	J	4.1	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		91.2	%					
Toluene-d8		108.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-20RA
Client ID: FTA-SW-08-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9212.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		112.	%					
Dibromofluoromethane		111.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22RA
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9213.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone		11	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene		1.0	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		94.4	%					
Toluene-d8		110.	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-22RA
Client ID: FTA-SW-DUP01-061914
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: D9213.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		114.	%					
Dibromofluoromethane		112.	%					

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: C7875.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		89.6	%					
Toluene-d8		93.0	%					

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: C7875.D

Sample Date: 20-JUN-14
Received Date: 20-JUN-14
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
1,2-Dichloroethane-d4		112.	%					
Dibromofluoromethane		101.	%					

Report of Analytical Results

Client:
Lab ID: WG145261-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: C7849.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		96.0	%					

Report of Analytical Results

Client:
Lab ID: WG145261-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: C7849.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Toluene-d8		95.4	%					
1,2-Dichloroethane-d4		113.	%					
Dibromofluoromethane		98.0	%					

Report of Analytical Results

Client:
Lab ID: WG145321-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: C7873.D

Sample Date:
Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		96.0	%					

Report of Analytical Results

Client:
Lab ID: WG145321-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: C7873.D

Sample Date:
Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Toluene-d8		99.0	%					
1,2-Dichloroethane-d4		117.	%					
Dibromofluoromethane		104.	%					

Report of Analytical Results

Client:
Lab ID: WG145586-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: D9209.D

Sample Date:
Received Date:
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Chloromethane	U	1.0	ug/L	1	2	2.0	0.36	1.0
Chloroethane	U	1.0	ug/L	1	2	2.0	0.55	1.0
1,1-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.35	0.50
Methylene Chloride	U	2.5	ug/L	1	5	5.0	1.1	2.5
Acetone	U	2.5	ug/L	1	5	5.0	2.2	2.5
trans-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Methyl tert-butyl Ether	U	0.50	ug/L	1	1	1.0	0.36	0.50
1,1-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.21	0.50
cis-1,2-Dichloroethene	U	0.50	ug/L	1	1	1.0	0.21	0.50
Chloroform	U	0.50	ug/L	1	1	1.0	0.32	0.50
Carbon Tetrachloride	U	0.50	ug/L	1	1	1.0	0.22	0.50
1,1,1-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Benzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,2-Dichloroethane	U	0.50	ug/L	1	1	1.0	0.20	0.50
Trichloroethene	U	0.50	ug/L	1	1	1.0	0.28	0.50
Toluene	U	0.50	ug/L	1	1	1.0	0.27	0.50
1,1,2-Trichloroethane	U	0.50	ug/L	1	1	1.0	0.33	0.50
Chlorobenzene	U	0.50	ug/L	1	1	1.0	0.22	0.50
Ethylbenzene	U	0.50	ug/L	1	1	1.0	0.21	0.50
m+p-Xylenes	U	1.0	ug/L	1	2	2.0	0.59	1.0
o-Xylene	U	0.50	ug/L	1	1	1.0	0.25	0.50
Styrene	U	0.50	ug/L	1	1	1.0	0.23	0.50
Isopropylbenzene	U	0.50	ug/L	1	1	1.0	0.23	0.50
1,1,2,2-Tetrachloroethane	U	0.50	ug/L	1	1	1.0	0.38	0.50
1,3-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.26	0.50
1,4-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.24	0.50
1,2-Dichlorobenzene	U	0.50	ug/L	1	1	1.0	0.15	0.50
1,2,4-Trichlorobenzene	U	0.50	ug/L	1	1	1.0	0.37	0.50
Xylenes (Total)	U	1.5	ug/L	1	3	3.0	0.25	1.5
Methylcyclohexane	U	0.50	ug/L	1	1	1.0	0.30	0.50
2-Hexanone	U	2.5	ug/L	1	5	5.0	1.7	2.5
Vinyl Chloride	U	1.0	ug/L	1	2	2.0	0.25	1.0
Tetrachloroethene	U	0.50	ug/L	1	1	1.0	0.40	0.50
P-Bromofluorobenzene		93.6	%					

Report of Analytical Results

Client:
Lab ID: WG145586-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: D9209.D

Sample Date:
Received Date:
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Toluene-d8		108.	%					
1,2-Dichloroethane-d4		113.	%					
Dibromofluoromethane		106.	%					

Form 2

System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

Client Sample ID	Lab Sample ID	Col. ID	BFB	# DBF	# DCA	# TOL	#
FTA-GW-TB01-061714	SH4401-1		98.9	102.	117.	98.1	
FTA-MW-5-061814	SH4401-10		95.6	98.8	113.	94.4	
FTA-MW-203-061814	SH4401-12		98.6	102.	118.	96.0	
FTA-GW-DUP01-061814	SH4401-14		97.8	103.	118.	95.4	
FTA-MW-218-061814	SH4401-16		95.1	99.0	114.	92.9	
FTA-MW-206-061814	SH4401-18		97.0	103.	116.	95.7	
FTA-MW-9-061714	SH4401-2		99.0	102.	115.	96.0	
FTA-MW-14-061714	SH4401-20		93.7	103.	120.	* 96.2	
FTA-MW-10-061714	SH4401-4		96.0	100.	116.	97.2	
FTA-MW-11-061714	SH4401-6		97.9	103.	113.	95.5	
FTA-MW-12-061714	SH4401-8		95.2	100.	113.	94.4	
FTA-GW-TB02-061814	SH4521-1		96.3	99.8	119.	98.6	
FTA-SW-01-061914	SH4521-10		90.7	101.	119.	94.1	
FTA-SW-02-061914	SH4521-12		85.9	102.	118.	96.6	
FTA-SW-03-061914	SH4521-14		93.9	107.	126.	* 94.1	
FTA-SW-06-061914	SH4521-16RA		95.2	112.	117.	111.	
FTA-SW-07-061914	SH4521-18RA		98.3	115.	* 118.	114.	
FTA-MW-208-061814	SH4521-2		88.7	106.	120.	* 98.5	
FTA-SW-08-061914	SH4521-20RA		91.2	111.	112.	108.	
FTA-SW-DUP01-061914	SH4521-22RA		94.4	112.	114.	110.	
FTA-SD-RB01-062014	SH4521-24		89.6	101.	112.	93.0	
FTA-MW-1-061814	SH4521-4		90.0	102.	126.	* 88.9	
FTA-GW-DUP02-061814	SH4521-6		93.0	107.	123.	* 97.9	
FTA-MW-210-061814	SH4521-8		96.6	107.	118.	95.2	
Laboratory Control S	WG145261-1		103.	94.4	102.	94.9	
Method Blank Sample	WG145261-2		96.0	98.0	113.	95.4	
Laboratory Control S	WG145321-1		99.0	95.0	98.9	94.8	
Method Blank Sample	WG145321-2		96.0	104.	117.	99.0	
Matrix Spike	WG145321-5		102.	96.2	112.	95.0	
Matrix Spike Duplica	WG145321-6		102.	97.6	111.	95.2	
Matrix Spike	WG145321-7		102.	96.6	109.	95.5	
Matrix Spike Duplica	WG145321-8		104.	97.2	108.	97.2	
Laboratory Control S	WG145586-1		103.	94.0	85.6	104.	
Method Blank Sample	WG145586-2		93.6	106.	113.	108.	

Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

		QC Limits
DCA	1,2-DICHLOROETHANE-D4	70-120
BFB	P-BROMOFLUOROBENZENE	75-120
DBF	DIBROMOFLUOROMETHANE	85-115
TOL	TOLUENE-D8	85-120

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

LCS Recovery Report

Client:
Lab ID: WG145261-1
Client ID: LCS
Project:
SDG: WE53-7
LCS File ID: C7846.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145261

Analysis Date: 23-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Chloromethane	103.	50.0	51.6	ug/L	40-125
Chloroethane	80.6	50.0	40.3	ug/L	60-135
1,1-Dichloroethene	106.	50.0	53.0	ug/L	70-130
Methylene Chloride	105.	50.0	52.6	ug/L	55-140
Acetone	109.	50.0	54.5	ug/L	40-140
trans-1,2-Dichloroethene	100.	50.0	50.1	ug/L	60-140
Methyl tert-butyl Ether	114.	100.	114.	ug/L	65-125
1,1-Dichloroethane	108.	50.0	54.0	ug/L	70-135
cis-1,2-Dichloroethene	102.	50.0	50.8	ug/L	70-125
Chloroform	107.	50.0	53.4	ug/L	65-135
Carbon Tetrachloride	107.	50.0	53.7	ug/L	65-140
1,1,1-Trichloroethane	108.	50.0	54.2	ug/L	65-130
Benzene	102.	50.0	51.1	ug/L	80-120
1,2-Dichloroethane	111.	50.0	55.3	ug/L	70-130
Trichloroethene	103.	50.0	51.5	ug/L	70-125
Toluene	100.	50.0	50.0	ug/L	75-120
1,1,2-Trichloroethane	106.	50.0	53.0	ug/L	75-125
Chlorobenzene	107.	50.0	53.3	ug/L	80-120
Ethylbenzene	98.0	50.0	49.0	ug/L	75-125
m+p-Xylenes	107.	100.	107.	ug/L	75-130
o-Xylene	110.	50.0	55.1	ug/L	80-120
Styrene	107.	50.0	53.7	ug/L	65-135
Isopropylbenzene	104.	50.0	51.8	ug/L	75-125
1,1,2,2-Tetrachloroethane	109.	50.0	54.5	ug/L	65-130
1,3-Dichlorobenzene	110.	50.0	55.1	ug/L	75-125
1,4-Dichlorobenzene	99.8	50.0	49.9	ug/L	75-125
1,2-Dichlorobenzene	112.	50.0	55.9	ug/L	70-120
1,2,4-Trichlorobenzene	108.	50.0	53.9	ug/L	65-135
Xylenes (Total)	108.	150.	162.	ug/L	89-116
Methylcyclohexane	98.8	50.0	49.4	ug/L	73-125
2-Hexanone	99.6	50.0	49.8	ug/L	55-130
Vinyl Chloride	100.	50.0	50.1	ug/L	50-145
Tetrachloroethene	90.6	50.0	45.3	ug/L	45-150
P-Bromofluorobenzene	103.				75-120
Toluene-d8	94.9				85-120

LCS Recovery Report

Client:	Sample Date:	Analysis Date: 23-JUN-14
Lab ID: WG145261-1	Received Date:	Analyst: REC
Client ID: LCS	Extract Date: 23-JUN-14	Analysis Method: SW846 8260B
Project:	Extracted By: REC	Matrix: AQ
SDG: WE53-7	Extraction Method: SW846 5030	% Solids: NA
LCS File ID: C7846.D	Lab Prep Batch: WG145261	Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	102.				70-120
Dibromofluoromethane	94.4				85-115

LCS Recovery Report

Client:
Lab ID: WG145321-1
Client ID: LCS
Project:
SDG: WE53-7
LCS File ID: C7870.D

Sample Date:
Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Chloromethane	99.8	50.0	49.9	ug/L	40-125
Chloroethane	81.2	50.0	40.6	ug/L	60-135
1,1-Dichloroethene	105.	50.0	52.4	ug/L	70-130
Methylene Chloride	104.	50.0	51.8	ug/L	55-140
Acetone	117.	50.0	58.5	ug/L	40-140
trans-1,2-Dichloroethene	98.0	50.0	49.0	ug/L	60-140
Methyl tert-butyl Ether	105.	100.	105.	ug/L	65-125
1,1-Dichloroethane	106.	50.0	53.1	ug/L	70-135
cis-1,2-Dichloroethene	98.2	50.0	49.1	ug/L	70-125
Chloroform	105.	50.0	52.6	ug/L	65-135
Carbon Tetrachloride	107.	50.0	53.6	ug/L	65-140
1,1,1-Trichloroethane	106.	50.0	53.1	ug/L	65-130
Benzene	97.8	50.0	48.9	ug/L	80-120
1,2-Dichloroethane	109.	50.0	54.4	ug/L	70-130
Trichloroethene	102.	50.0	50.8	ug/L	70-125
Toluene	99.4	50.0	49.7	ug/L	75-120
1,1,2-Trichloroethane	99.6	50.0	49.8	ug/L	75-125
Chlorobenzene	104.	50.0	51.8	ug/L	80-120
Ethylbenzene	95.2	50.0	47.6	ug/L	75-125
m+p-Xylenes	106.	100.	106.	ug/L	75-130
o-Xylene	110.	50.0	55.0	ug/L	80-120
Styrene	106.	50.0	53.1	ug/L	65-135
Isopropylbenzene	105.	50.0	52.7	ug/L	75-125
1,1,2,2-Tetrachloroethane	104.	50.0	52.1	ug/L	65-130
1,3-Dichlorobenzene	106.	50.0	53.2	ug/L	75-125
1,4-Dichlorobenzene	98.0	50.0	49.0	ug/L	75-125
1,2-Dichlorobenzene	108.	50.0	53.8	ug/L	70-120
1,2,4-Trichlorobenzene	96.8	50.0	48.4	ug/L	65-135
Xylenes (Total)	107.	150.	160.	ug/L	89-116
Methylcyclohexane	99.8	50.0	49.9	ug/L	73-125
2-Hexanone	88.4	50.0	44.2	ug/L	55-130
Vinyl Chloride	102.	50.0	51.0	ug/L	50-145
Tetrachloroethene	85.8	50.0	42.9	ug/L	45-150
P-Bromofluorobenzene	99.0				75-120
Toluene-d8	94.8				85-120

LCS Recovery Report

Client:	Sample Date:	Analysis Date: 24-JUN-14
Lab ID: WG145321-1	Received Date:	Analyst: REC
Client ID: LCS	Extract Date: 24-JUN-14	Analysis Method: SW846 8260B
Project:	Extracted By: REC	Matrix: AQ
SDG: WE53-7	Extraction Method: SW846 5030	% Solids: NA
LCS File ID: C7870.D	Lab Prep Batch: WG145321	Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	98.9				70-120
Dibromofluoromethane	95.0				85-115

LCS Recovery Report

Client:
Lab ID: WG145586-1
Client ID: LCS
Project:
SDG: WE53-7
LCS File ID: D9206.D

Sample Date:
Received Date:
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 5030
Lab Prep Batch: WG145586

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA
Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Chloromethane	112.	50.0	56.0	ug/L	40-125
Chloroethane	96.4	50.0	48.2	ug/L	60-135
1,1-Dichloroethene	90.2	50.0	45.1	ug/L	70-130
Methylene Chloride	97.2	50.0	48.6	ug/L	55-140
Acetone	133.	50.0	66.4	ug/L	40-140
trans-1,2-Dichloroethene	90.6	50.0	45.3	ug/L	60-140
Methyl tert-butyl Ether	85.9	100.	85.9	ug/L	65-125
1,1-Dichloroethane	91.4	50.0	45.7	ug/L	70-135
cis-1,2-Dichloroethene	93.8	50.0	46.9	ug/L	70-125
Chloroform	91.6	50.0	45.8	ug/L	65-135
Carbon Tetrachloride	97.6	50.0	48.8	ug/L	65-140
1,1,1-Trichloroethane	97.4	50.0	48.7	ug/L	65-130
Benzene	92.4	50.0	46.2	ug/L	80-120
1,2-Dichloroethane	89.8	50.0	44.9	ug/L	70-130
Trichloroethene	93.4	50.0	46.7	ug/L	70-125
Toluene	93.8	50.0	46.9	ug/L	75-120
1,1,2-Trichloroethane	99.2	50.0	49.6	ug/L	75-125
Chlorobenzene	95.4	50.0	47.7	ug/L	80-120
Ethylbenzene	86.6	50.0	43.3	ug/L	75-125
m+p-Xylenes	97.4	100.	97.4	ug/L	75-130
o-Xylene	92.0	50.0	46.0	ug/L	80-120
Styrene	87.2	50.0	43.6	ug/L	65-135
Isopropylbenzene	105.	50.0	52.6	ug/L	75-125
1,1,2,2-Tetrachloroethane	97.4	50.0	48.7	ug/L	65-130
1,3-Dichlorobenzene	100.	50.0	50.2	ug/L	75-125
1,4-Dichlorobenzene	86.8	50.0	43.4	ug/L	75-125
1,2-Dichlorobenzene	102.	50.0	50.8	ug/L	70-120
1,2,4-Trichlorobenzene	98.8	50.0	49.4	ug/L	65-135
Xylenes (Total)	95.3	150.	143.	ug/L	89-116
Methylcyclohexane	95.4	50.0	47.7	ug/L	73-125
2-Hexanone	89.8	50.0	44.9	ug/L	55-130
Vinyl Chloride	100.	50.0	50.2	ug/L	50-145
Tetrachloroethene	88.2	50.0	44.1	ug/L	45-150
P-Bromofluorobenzene	103.				75-120
Toluene-d8	104.				85-120

LCS Recovery Report

Client:	Sample Date:	Analysis Date: 28-JUN-14
Lab ID: WG145586-1	Received Date:	Analyst: DJP
Client ID: LCS	Extract Date: 28-JUN-14	Analysis Method: SW846 8260B
Project:	Extracted By: DJP	Matrix: AQ
SDG: WE53-7	Extraction Method: SW846 5030	% Solids: NA
LCS File ID: D9206.D	Lab Prep Batch: WG145586	Report Date: 15-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
1,2-Dichloroethane-d4	85.6				70-120
Dibromofluoromethane	94.0				85-115

MS/MSD Recovery Report

MS ID: WG145321-5
MSD ID: WG145321-6
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: C7887.D

Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321
Report Date: 15-JUL-14
MSD File ID: C7888.D

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
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
Chloromethane	50.0	50.0	ug/L	U1.0	58.7	59.6	117.	119.	2	30	40-125
Chloroethane	50.0	50.0	ug/L	U1.0	62.4	50.6	125.	101.	21	30	60-135
1,1-Dichloroethene	50.0	50.0	ug/L	U0.50	59.4	59.3	119.	119.	0	30	70-130
Methylene Chloride	50.0	50.0	ug/L	U2.5	56.9	57.3	114.	115.	1	30	55-140
Acetone	50.0	50.0	ug/L	U2.5	50.4	51.1	101.	102.	1	30	40-140
trans-1,2-Dichloroethene	50.0	50.0	ug/L	U0.50	54.4	54.3	109.	109.	0	30	60-140
Methyl tert-butyl Ether	100.	100.	ug/L	U0.50	103.	108.	103.	108.	5	30	65-125
1,1-Dichloroethane	50.0	50.0	ug/L	1.0	63.3	61.4	125.	121.	3	30	70-135
cis-1,2-Dichloroethene	50.0	50.0	ug/L	U0.50	55.6	54.0	111.	108.	3	30	70-125
Chloroform	50.0	50.0	ug/L	U0.50	59.4	58.2	119.	116.	2	30	65-135
Carbon Tetrachloride	50.0	50.0	ug/L	U0.50	57.1	55.6	114.	111.	3	30	65-140
1,1,1-Trichloroethane	50.0	50.0	ug/L	1.0	62.0	58.7	122.	115.	5	30	65-130
Benzene	50.0	50.0	ug/L	U0.50	55.0	53.5	110.	107.	3	30	80-120
1,2-Dichloroethane	50.0	50.0	ug/L	U0.50	57.8	55.2	116.	110.	5	30	70-130
Trichloroethene	50.0	50.0	ug/L	U0.50	57.0	54.4	114.	109.	5	30	70-125
Toluene	50.0	50.0	ug/L	U0.50	55.2	52.8	110.	106.	4	30	75-120
1,1,2-Trichloroethane	50.0	50.0	ug/L	U0.50	54.1	52.3	108.	105.	3	30	75-125
Chlorobenzene	50.0	50.0	ug/L	U0.50	55.6	54.4	111.	109.	2	30	80-120
Ethylbenzene	50.0	50.0	ug/L	U0.50	50.8	49.7	102.	99.4	2	30	75-125
m+p-Xylenes	100.	100.	ug/L	U1.0	114.	110.	114.	110.	4	30	75-130
o-Xylene	50.0	50.0	ug/L	U0.50	56.6	54.8	113.	110.	3	30	80-120
Styrene	50.0	50.0	ug/L	U0.50	55.2	53.3	110.	107.	4	30	65-135
Isopropylbenzene	50.0	50.0	ug/L	U0.50	57.0	55.1	114.	110.	3	30	75-125
1,1,2,2-Tetrachloroethane	50.0	50.0	ug/L	U0.50	52.8	50.9	106.	102.	4	30	65-130
1,3-Dichlorobenzene	50.0	50.0	ug/L	U0.50	55.7	53.6	111.	107.	4	30	75-125
1,4-Dichlorobenzene	50.0	50.0	ug/L	U0.50	50.9	48.9	102.	97.8	4	30	75-125
1,2-Dichlorobenzene	50.0	50.0	ug/L	U0.50	53.8	53.5	108.	107.	0	30	70-120
1,2,4-Trichlorobenzene	50.0	50.0	ug/L	U0.50	39.4	42.1	78.8	84.2	7	30	65-135
Xylenes (Total)	150.	150.	ug/L	U1.5	171.	165.	114.	110.	4	30	89-116
Methylcyclohexane	50.0	50.0	ug/L	U0.50	60.9	60.5	122.	121.	1	30	73-125
2-Hexanone	50.0	50.0	ug/L	U2.5	37.8	39.3	75.6	78.6	4	30	55-130
Vinyl Chloride	50.0	50.0	ug/L	U1.0	63.3	62.3	127.	125.	2	30	50-145
Tetrachloroethene	50.0	50.0	ug/L	U0.50	43.8	43.4	87.6	86.8	1	30	45-150

MS/MSD Recovery Report

MS ID: WG145321-5
MSD ID: WG145321-6
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: C7887.D

Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321
Report Date: 15-JUL-14
MSD File ID: C7888.D

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA

P-Bromofluorobenzene	102.	102.	75-120
Toluene-d8	95.0	95.2	85-120
1,2-Dichloroethane-d4	112.	111.	70-120
Dibromofluoromethane	96.2	97.6	85-115

MS/MSD Recovery Report

MS ID: WG145321-7
MSD ID: WG145321-8
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: C7889.D

Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321
Report Date: 15-JUL-14
MSD File ID: C7890.D

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
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
Chloromethane	50.0	50.0	ug/L	UMM1.0	63.7	74.0	127.*	148.*	15	30	40-125
Chloroethane	50.0	50.0	ug/L	U1.0	52.3	57.8	105.	116.	10	30	60-135
1,1-Dichloroethene	50.0	50.0	ug/L	UM0.50	62.1	74.8	124.	150.*	18	30	70-130
Methylene Chloride	50.0	50.0	ug/L	U2.5	57.8	68.7	116.	137.	17	30	55-140
Acetone	50.0	50.0	ug/L	UM2.5	64.9	72.1	130.	144.*	10	30	40-140
trans-1,2-Dichloroethene	50.0	50.0	ug/L	U0.50	56.6	67.4	113.	135.	17	30	60-140
Methyl tert-butyl Ether	100.	100.	ug/L	UM0.50	123.	133.	123.	133.*	8	30	65-125
1,1-Dichloroethane	50.0	50.0	ug/L	UM0.50	62.2	73.6	124.	147.*	17	30	70-135
cis-1,2-Dichloroethene	50.0	50.0	ug/L	UM0.50	55.6	67.6	111.	135.*	19	30	70-125
Chloroform	50.0	50.0	ug/L	UM0.50	59.1	69.0	118.	138.*	15	30	65-135
Carbon Tetrachloride	50.0	50.0	ug/L	U0.50	57.3	67.6	115.	135.	16	30	65-140
1,1,1-Trichloroethane	50.0	50.0	ug/L	UM0.50	61.0	72.0	122.	144.*	16	30	65-130
Benzene	50.0	50.0	ug/L	UM0.50	55.5	65.8	111.	132.*	17	30	80-120
1,2-Dichloroethane	50.0	50.0	ug/L	UM0.50	57.3	67.6	115.	135.*	16	30	70-130
Trichloroethene	50.0	50.0	ug/L	UM0.50	55.5	67.5	111.	135.*	20	30	70-125
Toluene	50.0	50.0	ug/L	UM0.50	55.0	63.9	110.	128.*	15	30	75-120
1,1,2-Trichloroethane	50.0	50.0	ug/L	UM0.50	54.0	63.9	108.	128.*	17	30	75-125
Chlorobenzene	50.0	50.0	ug/L	UM0.50	55.6	65.3	111.	131.*	16	30	80-120
Ethylbenzene	50.0	50.0	ug/L	U0.50	51.6	60.8	103.	122.	16	30	75-125
m+p-Xylenes	100.	100.	ug/L	UM1.0	113.	133.	113.	133.*	16	30	75-130
o-Xylene	50.0	50.0	ug/L	UM0.50	58.1	68.3	116.	137.*	16	30	80-120
Styrene	50.0	50.0	ug/L	U0.50	54.9	64.9	110.	130.	17	30	65-135
Isopropylbenzene	50.0	50.0	ug/L	UM0.50	57.1	69.4	114.	139.*	19	30	75-125
1,1,2,2-Tetrachloroethane	50.0	50.0	ug/L	UM0.50	58.6	65.2	117.	130.*	11	30	65-130
1,3-Dichlorobenzene	50.0	50.0	ug/L	UM0.50	55.9	66.4	112.	133.*	17	30	75-125
1,4-Dichlorobenzene	50.0	50.0	ug/L	U0.50	50.8	60.6	102.	121.	18	30	75-125
1,2-Dichlorobenzene	50.0	50.0	ug/L	UM0.50	56.9	67.9	114.	136.*	18	30	70-120
1,2,4-Trichlorobenzene	50.0	50.0	ug/L	U0.50	50.0	56.9	100.	114.	13	30	65-135
Xylenes (Total)	150.	150.	ug/L	UM1.5	171.	202.	114.	135.*	17	30	89-116
Methylcyclohexane	50.0	50.0	ug/L	U0.50	59.9	58.5	120.	117.	2	30	73-125
2-Hexanone	50.0	50.0	ug/L	U2.5	54.8	59.5	110.	119.	8	30	55-130
Vinyl Chloride	50.0	50.0	ug/L	UM1.0	66.2	77.5	132.	155.*	16	30	50-145
Tetrachloroethene	50.0	50.0	ug/L	U0.50	45.1	54.4	90.2	109.	19	30	45-150

MS/MSD Recovery Report

MS ID: WG145321-7
MSD ID: WG145321-8
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: C7889.D

Received Date:
Extract Date: 24-JUN-14
Extracted By: REC
Extraction Method: SW846 5030
Lab Prep Batch: WG145321
Report Date: 15-JUL-14
MSD File ID: C7890.D

Analysis Date: 24-JUN-14
Analyst: REC
Analysis Method: SW846 8260B
Matrix: AQ
% Solids: NA

P-Bromofluorobenzene	102.	104.	75-120
Toluene-d8	95.5	97.2	85-120
1,2-Dichloroethane-d4	109.	108.	70-120
Dibromofluoromethane	96.6	97.2	85-115

Form 4

Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : C7849.D
Instrument ID : GCMS-C
Heated Purge : No

SDG : WE53-7
Lab Sample ID : WG145261-2
Date Analyzed : 23-JUN-14
Time Analyzed : 10:56

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	WG145261-1	C7846.D	06/23/14	09:12
FTA-GW-TB01-061714	SH4401-1	C7853.D	06/23/14	12:58
FTA-MW-9-061714	SH4401-2	C7855.D	06/23/14	13:58
FTA-MW-10-061714	SH4401-4	C7856.D	06/23/14	14:28
FTA-MW-11-061714	SH4401-6	C7857.D	06/23/14	14:59
FTA-MW-12-061714	SH4401-8	C7858.D	06/23/14	15:29
FTA-MW-5-061814	SH4401-10	C7859.D	06/23/14	15:59
FTA-MW-203-061814	SH4401-12	C7860.D	06/23/14	16:30
FTA-GW-DUP01-061814	SH4401-14	C7861.D	06/23/14	17:00
FTA-MW-218-061814	SH4401-16	C7862.D	06/23/14	17:31
FTA-MW-206-061814	SH4401-18	C7863.D	06/23/14	18:01
FTA-MW-14-061714	SH4401-20	C7864.D	06/23/14	18:33

Form 4

Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : C7873.D
Instrument ID : GCMS-C
Heated Purge : No

SDG : WE53-7
Lab Sample ID : WG145321-2
Date Analyzed : 24-JUN-14
Time Analyzed : 10:26

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	WG145321-1	C7870.D	06/24/14	08:39
FTA-GW-TB02-061814	SH4521-1	C7874.D	06/24/14	10:56
FTA-SD-RB01-062014	SH4521-24	C7875.D	06/24/14	11:27
FTA-MW-208-061814	SH4521-2	C7876.D	06/24/14	11:57
FTA-MW-1-061814	SH4521-4	C7877.D	06/24/14	12:28
FTA-GW-DUP02-061814	SH4521-6	C7878.D	06/24/14	12:58
FTA-MW-210-061814	SH4521-8	C7879.D	06/24/14	13:29
FTA-SW-01-061914	SH4521-10	C7880.D	06/24/14	13:59
FTA-SW-02-061914	SH4521-12	C7881.D	06/24/14	14:30
FTA-SW-03-061914	SH4521-14	C7882.D	06/24/14	15:01
Matrix Spike	WG145321-5	C7887.D	06/24/14	17:32
Matrix Spike Duplica	WG145321-6	C7888.D	06/24/14	18:02
Matrix Spike	WG145321-7	C7889.D	06/24/14	18:33
Matrix Spike Duplica	WG145321-8	C7890.D	06/24/14	19:05

Form 4
Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : D9209.D
Instrument ID : GCMS-D
Heated Purge : No

SDG : WE53-7
Lab Sample ID : WG145586-2
Date Analyzed : 28-JUN-14
Time Analyzed : 11:05

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	WG145586-1	D9206.D	06/28/14	09:18
FTA-SW-06-061914	SH4521-16RA	D9210.D	06/28/14	11:37
FTA-SW-07-061914	SH4521-18RA	D9211.D	06/28/14	12:10
FTA-SW-08-061914	SH4521-20RA	D9212.D	06/28/14	12:43
FTA-SW-DUP01-061914	SH4521-22RA	D9213.D	06/28/14	13:16

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : CB839.D
Instrument ID : GCMS-C

SDG : WE53-7
Date Analyzed : 09-JUN-14
Time Analyzed : 10:43
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	21.4	
75	30.0 - 60.0% of mass 95	54.3	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.7	0.90 ¹
174	Greater than 50.0% of mass 95	78.1	
175	5.0 - 9.0% of mass 174	6.8	8.77 ¹
176	95.0 - 101.0% of mass 174	77.9	99.79 ¹
177	5.0 - 9.0% of mass 176	5.1	6.52 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG144357-6	C7524.D	06/09/14	11:06
Initial Calibration	WG144357-5	C7525.D	06/09/14	11:36
Initial Calibration	WG144357-2	C7528.D	06/09/14	13:08
Initial Calibration	WG144357-1	C7529.D	06/09/14	13:39
Initial Calibration	WG144357-4	C7530.D	06/09/14	14:16
Initial Calibration	WG144357-3	C7531.D	06/09/14	15:05
Independent Source	WG144357-7	C7532A.D	06/09/14	15:57

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : CB852.D
Instrument ID : GCMS-C

SDG : WE53-7
Date Analyzed : 23-JUN-14
Time Analyzed : 08:04
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	19.5	
75	30.0 - 60.0% of mass 95	49.5	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.3	0.39 ¹
174	Greater than 50.0% of mass 95	83.0	
175	5.0 - 9.0% of mass 174	6.8	8.19 ¹
176	95.0 - 101.0% of mass 174	81.3	97.90 ¹
177	5.0 - 9.0% of mass 176	5.5	6.77 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145261-4	C7845.D	06/23/14	08:30
Laboratory Control S	WG145261-1	C7846.D	06/23/14	09:12
Method Blank Sample	WG145261-2	C7849.D	06/23/14	10:56
FTA-GW-TB01-061714	SH4401-1	C7853.D	06/23/14	12:58
FTA-MW-9-061714	SH4401-2	C7855.D	06/23/14	13:58
FTA-MW-10-061714	SH4401-4	C7856.D	06/23/14	14:28
FTA-MW-11-061714	SH4401-6	C7857.D	06/23/14	14:59
FTA-MW-12-061714	SH4401-8	C7858.D	06/23/14	15:29
FTA-MW-5-061814	SH4401-10	C7859.D	06/23/14	15:59
FTA-MW-203-061814	SH4401-12	C7860.D	06/23/14	16:30
FTA-GW-DUP01-061814	SH4401-14	C7861.D	06/23/14	17:00
FTA-MW-218-061814	SH4401-16	C7862.D	06/23/14	17:31
FTA-MW-206-061814	SH4401-18	C7863.D	06/23/14	18:01
FTA-MW-14-061714	SH4401-20	C7864.D	06/23/14	18:33

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : CB853.D
Instrument ID : GCMS-C

SDG : WE53-7
Date Analyzed : 24-JUN-14
Time Analyzed : 07:30
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	18.0	
75	30.0 - 60.0% of mass 95	49.2	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	7.6	
173	Less than 2.0% of mass 174	0.9	1.06 ¹
174	Greater than 50.0% of mass 95	81.8	
175	5.0 - 9.0% of mass 174	6.3	7.67 ¹
176	95.0 - 101.0% of mass 174	79.4	97.08 ¹
177	5.0 - 9.0% of mass 176	5.2	6.53 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145321-4	C7869.D	06/24/14	07:53
Laboratory Control S	WG145321-1	C7870.D	06/24/14	08:39
Method Blank Sample	WG145321-2	C7873.D	06/24/14	10:26
FTA-GW-TB02-061814	SH4521-1	C7874.D	06/24/14	10:56
FTA-SD-RB01-062014	SH4521-24	C7875.D	06/24/14	11:27
FTA-MW-208-061814	SH4521-2	C7876.D	06/24/14	11:57
FTA-MW-1-061814	SH4521-4	C7877.D	06/24/14	12:28
FTA-GW-DUP02-061814	SH4521-6	C7878.D	06/24/14	12:58
FTA-MW-210-061814	SH4521-8	C7879.D	06/24/14	13:29
FTA-SW-01-061914	SH4521-10	C7880.D	06/24/14	13:59
FTA-SW-02-061914	SH4521-12	C7881.D	06/24/14	14:30
FTA-SW-03-061914	SH4521-14	C7882.D	06/24/14	15:01
Matrix Spike	WG145321-5	C7887.D	06/24/14	17:32
Matrix Spike Duplica	WG145321-6	C7888.D	06/24/14	18:02
Matrix Spike	WG145321-7	C7889.D	06/24/14	18:33
Matrix Spike Duplica	WG145321-8	C7890.D	06/24/14	19:05

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : DB350.D
Instrument ID : GCMS-D

SDG : WE53-7
Date Analyzed : 11-JUN-14
Time Analyzed : 13:38
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	17.3	
75	30.0 - 60.0% of mass 95	43.2	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	7.6	
173	Less than 2.0% of mass 174	0.0	0.0 ¹
174	Greater than 50.0% of mass 95	65.8	
175	5.0 - 9.0% of mass 174	5.8	8.81 ¹
176	95.0 - 101.0% of mass 174	66.2	100.48 ¹
177	5.0 - 9.0% of mass 176	4.4	6.64 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG144515-3	D8861.D	06/11/14	14:03
Initial Calibration	WG144515-2	D8862.D	06/11/14	14:35
Initial Calibration	WG144515-1	D8863.D	06/11/14	15:07
Initial Calibration	WG144515-6	D8865.D	06/11/14	16:13
Initial Calibration	WG144515-5	D8866.D	06/11/14	16:45
Initial Calibration	WG144515-4	D8867.D	06/11/14	17:18
Independent Source	WG144515-7	D8868A.D	06/11/14	17:50

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : DB368.D
Instrument ID : GCMS-D

SDG : WE53-7
Date Analyzed : 28-JUN-14
Time Analyzed : 08:08
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	19.7	
75	30.0 - 60.0% of mass 95	53.9	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	6.7	
173	Less than 2.0% of mass 174	0.0	0.0 ¹
174	Greater than 50.0% of mass 95	78.0	
175	5.0 - 9.0% of mass 174	4.9	6.34 ¹
176	95.0 - 101.0% of mass 174	74.8	95.93 ¹
177	5.0 - 9.0% of mass 176	5.9	7.93 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145586-4	D9205.D	06/28/14	08:35
Laboratory Control S	WG145586-1	D9206.D	06/28/14	09:18
Method Blank Sample	WG145586-2	D9209.D	06/28/14	11:05
FTA-SW-06-061914	SH4521-16RA	D9210.D	06/28/14	11:37
FTA-SW-07-061914	SH4521-18RA	D9211.D	06/28/14	12:10
FTA-SW-08-061914	SH4521-20RA	D9212.D	06/28/14	12:43
FTA-SW-DUP01-061914	SH4521-22RA	D9213.D	06/28/14	13:16

Form 6

Initial Calibration Summary

Lab Name : Katahdin Analytical Services			SDG: WE53-7		
Project : NCTAMSLANT Cutler CTO WE53			Instrument ID: GCMS-C		
Lab File IDs : C7529.D	C7528.D	C7531.D	Column ID:		
C7530.D	C7525.D	C7524.D	Calibration Date(s): 09-JUN-14 11:06 09-JUN-14 15:05		

	1.0000	5.0000	20.0000	50.0000	100.0000	200.0000	New	b	m1	m2	%RSD	Max	
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Crv					%RSD	
Chloromethane	0.36067	0.37477	0.38896	0.34444	0.32717	0.29427	AVG		0.34838		9.85057	15.00000	O
Vinyl chloride	0.28054	0.31750	0.32999	0.28885	0.28949	0.26908	AVG		0.29591		7.81623	15.00000	O
Chloroethane	0.17901	0.16462	0.17094	0.09587	0.08089	0.08440	AVG		0.12929		36.16127	15.00000	W
1,1-Dichloroethene	0.20580	0.22923	0.25783	0.23243	0.22922	0.22226	AVG		0.22946		7.35829	15.00000	O
Methylene Chloride	14097	50160	179771	423894	855390	1678621	LNR	-0.01951	0.27418		0.99991	0.99000	O
Acetone	0.06460	0.06654	0.06972	0.07727	0.06715	0.07976	AVG		0.07084		8.77506	15.00000	O
trans-1,2-Dichloroethene	0.25131	0.26074	0.30799	0.27317	0.27642	0.26721	AVG		0.27281		7.12806	15.00000	O
Methyl tert-butyl ether	0.43118	0.47331	0.52123	0.56092	0.55730	0.53347	AVG		0.51290		9.94732	15.00000	O
1,1-Dichloroethane	0.44999	0.48271	0.48143	0.43751	0.43722	0.43009	AVG		0.45316		5.14098	15.00000	O
cis-1,2-Dichloroethene	0.26421	0.30353	0.30914	0.29019	0.29419	0.28396	AVG		0.29087		5.46750	15.00000	O
Chloroform	0.43218	0.51340	0.48930	0.46393	0.45379	0.43874	AVG		0.46523		6.67792	15.00000	O
Carbon Tetrachloride	0.19297	0.25577	0.27377	0.25650	0.25874	0.25377	AVG		0.24859		11.33714	15.00000	O
1,1,1-Trichloroethane	0.35124	0.42939	0.46760	0.41840	0.41446	0.40943	AVG		0.41509		9.06663	15.00000	O
Benzene	0.62558	0.76372	0.76467	0.69321	0.65542	0.59016	AVG		0.68213		10.56398	15.00000	O
1,2-Dichloroethane	0.24680	0.23812	0.22346	0.21291	0.21525	0.21239	AVG		0.22482		6.44507	15.00000	O
Trichloroethene	0.16563	0.20678	0.20093	0.18257	0.18035	0.17958	AVG		0.18597		8.17064	15.00000	O
Toluene	0.38694	0.50253	0.49969	0.45113	0.43666	0.41010	AVG		0.44784		10.44874	15.00000	O
Tetrachloroethene	0.16453	0.20658	0.21128	0.19862	0.19923	0.19866	AVG		0.19648		8.38945	15.00000	O
1,1,2-Trichloroethane	0.13971	0.14734	0.13452	0.13175	0.13079	0.13057	AVG		0.13578		4.87292	15.00000	O
2-Hexanone	9712	85958	339437	1015896	1930811	3794126	LNR	-0.11295	0.08298		0.99789	0.99000	O
Chlorobenzene	0.51250	0.55602	0.53914	0.50703	0.49374	0.43541	AVG		0.50731		8.25413	15.00000	O
Ethylbenzene	0.26916	0.31927	0.31801	0.29884	0.29742	0.27642	AVG		0.29652		6.97344	15.00000	O
Xylenes (total)	+++++	+++++	+++++	+++++	+++++	+++++	AVG		0.000e+00		0.000e+C	15.00000	M
m+p-Xylenes	0.28397	0.37980	0.38306	0.35178	0.33385	0.27841	AVG		0.33514		13.61210	15.00000	O
o-Xylene	0.24358	0.31611	0.34061	0.33529	0.33700	0.30577	AVG		0.31306		11.70764	15.00000	O
Styrene	0.40147	0.56900	0.58874	0.58969	0.57472	0.49523	AVG		0.53648		13.95163	15.00000	O
Isopropylbenzene	24777	198711	808839	1861815	3501823	5943207	QUA	0.01705	0.53061	0.09197	0.99935	0.99000	O
1,1,2,2-Tetrachloroethane	0.35916	0.38980	0.34740	0.34915	0.34018	0.33805	AVG		0.35396		5.39053	15.00000	O
1,3-Dichlorobenzene	0.71455	0.82898	0.79553	0.75113	0.74797	0.66917	AVG		0.75122		7.55316	15.00000	O
1,4-Dichlorobenzene	0.96005	0.91054	0.85404	0.81548	0.81360	0.71400	AVG		0.84462		10.13375	15.00000	O
1,2-Dichlorobenzene	0.63742	0.70594	0.70556	0.68265	0.68320	0.62055	AVG		0.67255		5.30217	15.00000	O
1,2,4-Trichlorobenzene	5435	55122	186489	551745	1069490	2340919	LNR	0.02199	0.42133		0.99949	0.99000	O
Methylcyclohexane	0.39760	0.48518	0.48364	0.44832	0.43498	0.45452	AVG		0.45070		7.26460	15.00000	O
Dibromofluoromethane	0.27013	0.30843	0.28405	0.28583	0.27893	0.27734	AVG		0.28412		4.62316	15.00000	
1,2-Dichloroethane-D4	0.29542	0.31967	0.29207	0.28049	0.27149	0.27486	AVG		0.28900		6.13252	15.00000	
Toluene-D8	0.57695	0.67926	0.69882	0.65565	0.60319	0.53742	AVG		0.62521		10.06175	15.00000	
P-Bromofluorobenzene	0.23366	0.27813	0.28189	0.27783	0.27069	0.26588	AVG		0.26801		6.63950	15.00000	

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services			SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53			Instrument ID: GCMS-C
Lab File IDs : C7529.D	C7528.D	C7531.D	Column ID:
C7530.D	C7525.D	C7524.D	Calibration Date(s): 09-JUN-14 11:06 09-JUN-14 15:05

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: GCMS-D		
Lab File IDs : D8863.D	D8862.D	D8861.D	Column ID:		
D8867.D	D8866.D	D8865.D	Calibration Date(s): 11-JUN-14 14:03 11-JUN-14 17:18		

	1.0000	5.0000	20.0000	50.0000	100.0000	200.0000	New	b	m1	m2	%RSD	Max	
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Crv					%RSD	
Chloromethane	5583	29208	88242	325103	607521	893361	LNR	-0.07536	0.50813		0.99512	0.99000	O
Vinyl chloride	0.71660	0.81779	0.64834	0.66344	0.57627	0.57657	AVG		0.66650		13.74564	15.00000	O
Chloroethane	4304	21970	79023	230405	411881	570418	QUA	-0.01726	1.92228	0.93764	0.99953	0.99000	O
1,1-Dichloroethene	0.46560	0.47848	0.40004	0.47123	0.40273	0.42374	AVG		0.44030		8.10055	15.00000	O
Methylene Chloride	8579	28391	86127	295398	549992	924716	LNR	-0.03486	0.51494		0.99849	0.99000	O
Acetone	0.10172	0.13535	0.12822	0.13259	0.12043	0.13452	AVG		0.12547		10.25315	15.00000	O
trans-1,2-Dichloroethene	0.48665	0.55193	0.45979	0.53805	0.48044	0.49969	AVG		0.50276		7.04743	15.00000	O
Methyl tert-butyl ether	7314	50372	209805	1075487	2226418	3861423	LNR	0.11070	1.09268		0.99805	0.99000	O
1,1-Dichloroethane	0.96584	1.03644	0.89268	0.89566	0.79965	0.85141	AVG		0.90695		9.24667	15.00000	O
cis-1,2-Dichloroethene	0.51486	0.56099	0.50577	0.56007	0.52000	0.55189	AVG		0.53560		4.62815	15.00000	O
Chloroform	0.95064	1.02976	0.86780	0.87941	0.79208	0.83787	AVG		0.89293		9.51162	15.00000	O
Carbon Tetrachloride	0.30460	0.35379	0.33351	0.38150	0.34975	0.38186	AVG		0.35084		8.40720	15.00000	O
1,1,1-Trichloroethane	0.60213	0.76616	0.68590	0.75308	0.68015	0.74027	AVG		0.70462		8.71606	15.00000	O
Benzene	1.20269	1.40763	1.28510	1.36542	1.22561	1.28045	AVG		1.29448		6.11088	15.00000	O
1,2-Dichloroethane	0.41166	0.44706	0.40102	0.39151	0.35576	0.38089	AVG		0.39798		7.72139	15.00000	O
Trichloroethene	0.26735	0.34165	0.29902	0.31152	0.28611	0.33730	AVG		0.30716		9.44843	15.00000	O
Toluene	0.58029	0.82208	0.77109	0.83801	0.77541	0.85755	AVG		0.77407		13.03761	15.00000	O
Tetrachloroethene	0.24379	0.25563	0.24722	0.27496	0.24972	0.26887	AVG		0.25670		4.88980	15.00000	O
1,1,2-Trichloroethane	0.20370	0.25344	0.24091	0.25193	0.23065	0.27152	AVG		0.24203		9.59688	15.00000	O
2-Hexanone	3381	33868	186069	723419	1403537	2688605	LNR	-0.12947	0.15707		0.99706	0.99000	O
Chlorobenzene	0.96794	0.99954	0.83340	0.88184	0.77254	0.76965	AVG		0.87082		11.18285	15.00000	O
Ethylbenzene	0.43379	0.50719	0.45212	0.49365	0.44890	0.46264	AVG		0.46638		6.05937	15.00000	O
Xylenes (total)	+++++	+++++	+++++	+++++	+++++	+++++	AVG		0.000e+00		0.000e+00	15.00000	M C
m+p-Xylenes	0.42651	0.56498	0.54895	0.61544	0.56613	0.57722	AVG		0.54987		11.71774	15.00000	O
o-Xylene	3198	22814	109409	429616	915753	1886975	LNR	0.02237	0.54698		0.99907	0.99000	O
Styrene	5136	42949	205507	782375	1698997	3419911	LNR	0.01522	0.99322		0.99956	0.99000	O
Isopropylbenzene	1.36140	1.85267	1.96879	2.22558	1.88838	1.89962	AVG		1.86607		15.08675	15.00000	W C
1,1,2,2-Tetrachloroethane	0.70600	0.78315	0.73745	0.77385	0.65355	0.68898	AVG		0.72383		6.95685	15.00000	O
1,3-Dichlorobenzene	0.88009	1.12941	1.07602	1.20288	1.06857	1.10807	AVG		1.07751		10.03003	15.00000	O
1,4-Dichlorobenzene	1.41018	1.43747	1.25612	1.36202	1.21498	1.26424	AVG		1.32417		6.90590	15.00000	O
1,2-Dichlorobenzene	0.91238	1.13526	1.09963	1.22188	1.07066	1.10460	AVG		1.09073		9.31990	15.00000	O
1,2,4-Trichlorobenzene	2504	18231	84401	363731	755977	1488828	LNR	-0.00659	0.69940		0.99781	0.99000	O
Methylcyclohexane	0.45727	0.48971	0.51310	0.54946	0.54997	0.64334	AVG		0.53381		12.06367	15.00000	O
Dibromofluoromethane	0.46414	0.52982	0.45743	0.46315	0.43184	0.49067	AVG		0.47284		7.11092	15.00000	
1,2-Dichloroethane-D4	0.65052	0.66089	0.54484	0.52851	0.45843	0.52807	AVG		0.56188		13.99307	15.00000	
Toluene-D8	0.78981	1.07993	1.01331	1.09300	0.99801	1.07313	AVG		1.00786		11.25813	15.00000	
P-Bromofluorobenzene	0.28576	0.37748	0.36495	0.42664	0.42671	+++++	AVG		0.37631		15.38225	15.00000	

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services			SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53			Instrument ID: GCMS-D
Lab File IDs : D8863.D	D8862.D	D8861.D	Column ID:
D8867.D	D8866.D	D8865.D	Calibration Date(s): 11-JUN-14 14:03 11-JUN-14 17:18

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 : WG145261-4

Analytical Date: 06/23/14 08:30

Lab File ID : C7845.D

Instrument ID: GCMS-C

Initial Calibration Date(s): 06/09/14 11:06 06/09/14 15:05

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
2 Chloromethane	0.34838	0.39556	0.39556	0.100	13.54160	20.00000	Averaged
3 Vinyl chloride	0.29591	0.32177	0.32177	0.010	8.74065	20.00000	Averaged
5 Chloroethane	0.12929	0.12373	0.12373	0.010	-4.30164	20.00000	Averaged
9 1,1-Dichloroethene	0.22946	0.22920	0.22920	0.100	-0.11587	20.00000	Averaged
14 Methylene Chloride	50.00000	53.91961	0.30103	0.010	7.83922	20.00000	Linear
15 Acetone	0.07084	0.07282	0.07282	0.010	2.78831	20.00000	Averaged
17 trans-1,2-Dichloroethene	0.27281	0.27018	0.27018	0.010	-0.96151	20.00000	Averaged
19 Methyl tert-butyl ether	0.51290	0.54263	0.54263	0.010	5.79684	20.00000	Averaged
25 1,1-Dichloroethane	0.45316	0.48282	0.48282	0.100	6.54501	20.00000	Averaged
29 cis-1,2-Dichloroethene	0.29087	0.29043	0.29043	0.010	-0.14992	20.00000	Averaged
34 Chloroform	0.46523	0.50932	0.50932	0.010	9.47853	20.00000	Averaged
35 Carbon Tetrachloride	0.24859	0.26555	0.26555	0.010	6.82280	20.00000	Averaged
38 1,1,1-Trichloroethane	0.41509	0.46567	0.46567	0.010	12.18605	20.00000	Averaged
41 Benzene	0.68213	0.69081	0.69081	0.010	1.27309	20.00000	Averaged
47 1,2-Dichloroethane	0.22482	0.24351	0.24351	0.010	8.31563	20.00000	Averaged
48 Trichloroethene	0.18597	0.18953	0.18953	0.010	1.91237	20.00000	Averaged
57 Toluene	0.44784	0.45882	0.45882	0.010	2.45170	20.00000	Averaged
59 Tetrachloroethene	0.19648	0.18718	0.18718	0.010	-4.73687	20.00000	Averaged
61 1,1,2-Trichloroethane	0.13578	0.13911	0.13911	0.010	2.45413	20.00000	Averaged
65 2-Hexanone	250	277	0.09377	0.010	10.74731	20.00000	Linear
67 Chlorobenzene	0.50731	0.50446	0.50446	0.300	-0.56100	20.00000	Averaged
68 Ethylbenzene	0.29652	0.28749	0.28749	0.010	-3.04384	20.00000	Averaged
70 Xylenes (total)	++++	0.34549	0.34549	0.010	++++	20.00000	Averaged *
71 m+p-Xylenes	0.33514	0.35374	0.35374	0.010	5.54952	20.00000	Averaged
72 o-Xylene	0.31306	0.32900	0.32900	0.010	5.09103	20.00000	Averaged
73 Styrene	0.53648	0.58947	0.58947	0.010	9.87887	20.00000	Averaged
75 Isopropylbenzene	50.00000	48.29413	1.43251	0.010	-3.41174	20.00000	Quadratic
81 1,1,2,2-Tetrachloroethane	0.35396	0.37087	0.37087	0.300	4.77855	20.00000	Averaged
90 1,3-Dichlorobenzene	0.75122	0.76204	0.76204	0.010	1.43951	20.00000	Averaged
92 1,4-Dichlorobenzene	0.84462	0.83685	0.83685	0.010	-0.92022	20.00000	Averaged
95 1,2-Dichlorobenzene	0.67255	0.68634	0.68634	0.010	2.04917	20.00000	Averaged
99 1,2,4-Trichlorobenzene	50.00000	46.78563	0.38497	0.010	-6.42875	20.00000	Linear
104 Methylcyclohexane	0.45070	0.44980	0.44980	0.010	-0.20116	20.00000	Averaged
37 Dibromofluoromethane	0.28412	0.27254	0.27254	0.010	-4.07671	20.00000	Averaged
45 1,2-Dichloroethane-D4	0.28900	0.30214	0.30214	0.010	4.54809	20.00000	Averaged
55 Toluene-D8	0.62521	0.59131	0.59131	0.010	-5.42274	20.00000	Averaged
76 P-Bromofluorobenzene	0.26801	0.27237	0.27237	0.010	1.62660	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 06/23/14 08:30
Lab ID : WG145261-4	Instrument ID: GCMS-C
Lab File ID : C7845.D	Column ID:
Initial Calibration Date(s): 06/09/14 11:06 06/09/14 15:05	

* = 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 : WG145321-4

Analytical Date: 06/24/14 07:53

Lab File ID : C7869.D

Instrument ID: GCMS-C

Initial Calibration Date(s): 06/09/14 11:06 06/09/14 15:05

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
2 Chloromethane	0.34838	0.38032	0.38032	0.100	9.16800	20.00000	Averaged
3 Vinyl chloride	0.29591	0.30709	0.30709	0.010	3.77662	20.00000	Averaged
5 Chloroethane	0.12929	0.11350	0.11350	0.010	-12.21125	20.00000	Averaged
9 1,1-Dichloroethene	0.22946	0.22468	0.22468	0.100	-2.08148	20.00000	Averaged
14 Methylene Chloride	50.00000	53.03208	0.29616	0.010	6.06415	20.00000	Linear
15 Acetone	0.07084	0.08213	0.08213	0.010	15.93700	20.00000	Averaged
17 trans-1,2-Dichloroethene	0.27281	0.26612	0.26612	0.010	-2.45088	20.00000	Averaged
19 Methyl tert-butyl ether	0.51290	0.56019	0.56019	0.010	9.21932	20.00000	Averaged
25 1,1-Dichloroethane	0.45316	0.47772	0.47772	0.100	5.42001	20.00000	Averaged
29 cis-1,2-Dichloroethene	0.29087	0.28509	0.28509	0.010	-1.98846	20.00000	Averaged
34 Chloroform	0.46523	0.50042	0.50042	0.010	7.56536	20.00000	Averaged
35 Carbon Tetrachloride	0.24859	0.27116	0.27116	0.010	9.08030	20.00000	Averaged
38 1,1,1-Trichloroethane	0.41509	0.45219	0.45219	0.010	8.93988	20.00000	Averaged
41 Benzene	0.68213	0.69699	0.69699	0.010	2.17911	20.00000	Averaged
47 1,2-Dichloroethane	0.22482	0.24859	0.24859	0.010	10.57426	20.00000	Averaged
48 Trichloroethene	0.18597	0.18746	0.18746	0.010	0.79692	20.00000	Averaged
57 Toluene	0.44784	0.45218	0.45218	0.010	0.96906	20.00000	Averaged
59 Tetrachloroethene	0.19648	0.18753	0.18753	0.010	-4.55532	20.00000	Averaged
61 1,1,2-Trichloroethane	0.13578	0.14475	0.14475	0.010	6.60881	20.00000	Averaged
65 2-Hexanone	250	341	0.11499	0.010	36.32335	20.00000	Linear *
67 Chlorobenzene	0.50731	0.50444	0.50444	0.300	-0.56444	20.00000	Averaged
68 Ethylbenzene	0.29652	0.29387	0.29387	0.010	-0.89267	20.00000	Averaged
70 Xylenes (total)	++++	0.34232	0.34232	0.010	++++	20.00000	Averaged *
71 m+p-Xylenes	0.33514	0.35363	0.35363	0.010	5.51451	20.00000	Averaged
72 o-Xylene	0.31306	0.31971	0.31971	0.010	2.12375	20.00000	Averaged
73 Styrene	0.53648	0.59232	0.59232	0.010	10.40939	20.00000	Averaged
75 Isopropylbenzene	50.00000	47.79325	1.41988	0.010	-4.41350	20.00000	Quadratic
81 1,1,2,2-Tetrachloroethane	0.35396	0.41355	0.41355	0.300	16.83532	20.00000	Averaged
90 1,3-Dichlorobenzene	0.75122	0.77784	0.77784	0.010	3.54354	20.00000	Averaged
92 1,4-Dichlorobenzene	0.84462	0.85222	0.85222	0.010	0.89963	20.00000	Averaged
95 1,2-Dichlorobenzene	0.67255	0.70312	0.70312	0.010	4.54471	20.00000	Averaged
99 1,2,4-Trichlorobenzene	50.00000	53.19250	0.43896	0.010	6.38500	20.00000	Linear
104 Methylcyclohexane	0.45070	0.43870	0.43870	0.010	-2.66377	20.00000	Averaged
37 Dibromofluoromethane	0.28412	0.25907	0.25907	0.010	-8.81600	20.00000	Averaged
45 1,2-Dichloroethane-D4	0.28900	0.28819	0.28819	0.010	-0.27929	20.00000	Averaged
55 Toluene-D8	0.62521	0.57793	0.57793	0.010	-7.56228	20.00000	Averaged
76 P-Bromofluorobenzene	0.26801	0.27595	0.27595	0.010	2.95986	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 06/24/14 07:53
Lab ID : WG145321-4	Instrument ID: GCMS-C
Lab File ID : C7869.D	Column ID:
Initial Calibration Date(s): 06/09/14 11:06 06/09/14 15:05	

* = Compound out of QC criteria

Form 7

Calibration Verification Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WE53

Lab ID : WG145586-4

Lab File ID : D9205.D

SDG: WE53-7

Analytical Date: 06/28/14 08:35

Instrument ID: GCMS-D

Initial Calibration Date(s): 06/11/14 14:03 06/11/14 17:18

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
2 Chloromethane	50.00000	48.32864	0.52943	0.100	-3.34271	20.00000	Linear
3 Vinyl chloride	0.66650	0.56971	0.56971	0.010	-14.52211	20.00000	Averaged
5 Chloroethane	50.00000	46.44781	0.41017	0.010	-7.10438	20.00000	Quadratic
9 1,1-Dichloroethene	0.44030	0.34881	0.34881	0.100	-20.77979	20.00000	Averaged
14 Methylene Chloride	50.00000	45.22904	0.48375	0.010	-9.54193	20.00000	Linear
15 Acetone	0.12547	0.11014	0.11014	0.010	-12.21595	20.00000	Averaged
17 trans-1,2-Dichloroethene	0.50276	0.40881	0.40881	0.010	-18.68703	20.00000	Averaged
19 Methyl tert-butyl ether	100	80.93158	0.82384	0.010	-19.06842	20.00000	Linear
25 1,1-Dichloroethane	0.90695	0.77667	0.77667	0.100	-14.36429	20.00000	Averaged
29 cis-1,2-Dichloroethene	0.53560	0.46651	0.46651	0.010	-12.89864	20.00000	Averaged
34 Chloroform	0.89293	0.78265	0.78265	0.010	-12.35014	20.00000	Averaged
35 Carbon Tetrachloride	0.35084	0.32209	0.32209	0.010	-8.19220	20.00000	Averaged
38 1,1,1-Trichloroethane	0.70462	0.64402	0.64402	0.010	-8.60027	20.00000	Averaged
41 Benzene	1.29448	1.12449	1.12449	0.010	-13.13208	20.00000	Averaged
47 1,2-Dichloroethane	0.39798	0.35350	0.35350	0.010	-11.17710	20.00000	Averaged
48 Trichloroethene	0.30716	0.27635	0.27635	0.010	-10.03056	20.00000	Averaged
57 Toluene	0.77407	0.71824	0.71824	0.010	-7.21277	20.00000	Averaged
59 Tetrachloroethene	0.25670	0.22969	0.22969	0.010	-10.52199	20.00000	Averaged
61 1,1,2-Trichloroethane	0.24203	0.23504	0.23504	0.010	-2.88765	20.00000	Averaged
65 2-Hexanone	250	252	0.16246	0.010	0.84395	20.00000	Linear
67 Chlorobenzene	0.87082	0.83819	0.83819	0.300	-3.74685	20.00000	Averaged
68 Ethylbenzene	0.46638	0.40324	0.40324	0.010	-13.53811	20.00000	Averaged
70 Xylenes (total)	++++	0.53081	0.53081	0.010	++++	20.00000	Averaged
71 m+p-Xylenes	0.54987	0.54389	0.54389	0.010	-1.08694	20.00000	Averaged
72 o-Xylene	50.00000	47.24654	0.50463	0.010	-5.50692	20.00000	Linear
73 Styrene	50.00000	42.86936	0.83645	0.010	-14.26128	20.00000	Linear
75 Isopropylbenzene	1.86607	2.00552	2.00552	0.010	7.47244	20.00000	Averaged
81 1,1,2,2-Tetrachloroethane	0.72383	0.67731	0.67731	0.300	-6.42712	20.00000	Averaged
90 1,3-Dichlorobenzene	1.07751	1.09677	1.09677	0.010	1.78796	20.00000	Averaged
92 1,4-Dichlorobenzene	1.32417	1.14020	1.14020	0.010	-13.89295	20.00000	Averaged
95 1,2-Dichlorobenzene	1.09073	1.12326	1.12326	0.010	2.98194	20.00000	Averaged
99 1,2,4-Trichlorobenzene	50.00000	46.10836	0.64957	0.010	-7.78329	20.00000	Linear
104 Methylcyclohexane	0.53381	0.51359	0.51359	0.010	-3.78669	20.00000	Averaged
37 Dibromofluoromethane	0.47284	0.45381	0.45381	0.010	-4.02607	20.00000	Averaged
45 1,2-Dichloroethane-D4	0.56188	0.50609	0.50609	0.010	-9.92885	20.00000	Averaged
55 Toluene-D8	1.00786	1.04087	1.04087	0.010	3.27516	20.00000	Averaged
76 P-Bromofluorobenzene	0.37631	0.39778	0.39778	0.010	5.70600	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 06/28/14 08:35
Lab ID : WG145586-4	Instrument ID: GCMS-D
Lab File ID : D9205.D	Column ID:
Initial Calibration Date(s): 06/11/14 14:03 06/11/14 17:18	

* = Compound out of QC criteria

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG144357-4
Lab File ID : C7530.D

SDG: WE53-7
Analytical Date: 06/09/14 14:16
Instrument ID: GCMS-C

		PENTAFLUOROBENZENE				1,4-DIFLUOROBENZENE				CHLOROBENZENE-D5			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	1508419		8.07		2172315		8.72		2155688		12.21	
	Upper Limit	3016838		8.57		4344630		9.22		4311376		12.71	
	Lower Limit	754209.5		7.57		1086157.5		8.22		1077844		11.71	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145261-4	1127904		8.06		1700036		8.72		1719184		12.21	
Laboratory Control S	WG145261-1	1212114		8.06		1769162		8.73		1796750		12.21	
Method Blank Sample	WG145261-2	994425		8.07		1550314		8.72		1571676		12.21	
FTA-GW-TB01-061714	SH4401-1	978849		8.06		1498797		8.72		1556677		12.21	
FTA-MW-9-061714	SH4401-2	963736		8.06		1504427		8.72		1522424		12.21	
FTA-MW-10-061714	SH4401-4	959638		8.07		1494223		8.72		1515863		12.21	
FTA-MW-11-061714	SH4401-6	956071		8.06		1506551		8.72		1483398		12.21	
FTA-MW-12-061714	SH4401-8	949525		8.06		1490050		8.72		1530543		12.21	
FTA-MW-5-061814	SH4401-10	950307		8.06		1504545		8.72		1505593		12.21	
FTA-MW-203-061814	SH4401-12	948396		8.06		1503202		8.72		1518853		12.21	
FTA-GW-DUP01-0618	SH4401-14	941202		8.06		1501735		8.72		1523667		12.21	
FTA-MW-218-061814	SH4401-16	973510		8.07		1533190		8.72		1554924		12.21	
FTA-MW-206-061814	SH4401-18	949887		8.07		1497262		8.72		1500638		12.21	
FTA-MW-14-061714	SH4401-20	947370		8.06		1492605		8.72		1509216		12.21	
Continuing Calibrati	WG145321-4	1150363		8.06		1680504		8.72		1686639		12.21	
Laboratory Control S	WG145321-1	1217735		8.06		1793795		8.72		1794320		12.21	
Method Blank Sample	WG145321-2	915193		8.06		1488746		8.72		1584149		12.21	
FTA-GW-TB02-061814	SH4521-1	911494		8.06		1465357		8.72		1577419		12.21	
FTA-SD-RB01-062014	SH4521-24	983838		8.07		1510057		8.72		1558667		12.21	
FTA-MW-208-061814	SH4521-2	957025		8.07		1530270		8.73		1444476		12.21	
FTA-MW-1-061814	SH4521-4	894297		8.06		1512860		8.72		1420608		12.21	
FTA-GW-DUP02-0618	SH4521-6	865679		8.06		1412937		8.72		1387385		12.21	
FTA-MW-210-061814	SH4521-8	894640		8.06		1468868		8.72		1442354		12.21	
FTA-SW-01-061914	SH4521-10	921107		8.06		1461056		8.72		1398654		12.21	
FTA-SW-02-061914	SH4521-12	915219		8.07		1448754		8.73		1400592		12.21	
FTA-SW-03-061914	SH4521-14	750060 *		8.06		1310770		8.72		1327756		12.21	
Matrix Spike	WG145321-5	949487		8.06		1495328		8.72		1562834		12.21	
Matrix Spike Duplica	WG145321-6	1028830		8.07		1600121		8.72		1645928		12.21	
Matrix Spike	WG145321-7	1061174		8.06		1661127		8.73		1686204		12.21	
Matrix Spike Duplica	WG145321-8	1074170		8.07		1664867		8.72		1719178		12.21	

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG144357-4
Lab File ID : C7530.D

SDG: WE53-7
Analytical Date: 06/09/14 14:16
Instrument ID: GCMS-C

		1,4-DICHLOROBENZENE-D4			
		Area	#	RT	#
	Std .	1334267		15.55	
	Upper Limit	2668534		16.05	
	Lower Limit	667133.5		15.05	
Client Sample ID	Lab Sample ID				
Continuing Calibrati	WG145261-4	1040390		15.54	
Laboratory Control S	WG145261-1	1079151		15.54	
Method Blank Sample	WG145261-2	866485		15.54	
FTA-GW-TB01-061714	SH4401-1	845220		15.54	
FTA-MW-9-061714	SH4401-2	839876		15.54	
FTA-MW-10-061714	SH4401-4	839049		15.54	
FTA-MW-11-061714	SH4401-6	840957		15.54	
FTA-MW-12-061714	SH4401-8	836018		15.54	
FTA-MW-5-061814	SH4401-10	824483		15.54	
FTA-MW-203-061814	SH4401-12	826115		15.54	
FTA-GW-DUP01-0618	SH4401-14	841747		15.54	
FTA-MW-218-061814	SH4401-16	794826		15.54	
FTA-MW-206-061814	SH4401-18	826344		15.54	
FTA-MW-14-061714	SH4401-20	785130		15.54	
Continuing Calibrati	WG145321-4	1013294		15.54	
Laboratory Control S	WG145321-1	1033307		15.54	
Method Blank Sample	WG145321-2	863647		15.54	
FTA-GW-TB02-061814	SH4521-1	795688		15.54	
FTA-SD-RB01-062014	SH4521-24	774160		15.54	
FTA-MW-208-061814	SH4521-2	747475		15.54	
FTA-MW-1-061814	SH4521-4	763350		15.54	
FTA-GW-DUP02-0618	SH4521-6	736547		15.54	
FTA-MW-210-061814	SH4521-8	824229		15.54	
FTA-SW-01-061914	SH4521-10	820749		15.54	
FTA-SW-02-061914	SH4521-12	710750		15.54	
FTA-SW-03-061914	SH4521-14	695252		15.54	
Matrix Spike	WG145321-5	920555		15.54	
Matrix Spike Duplica	WG145321-6	970507		15.54	
Matrix Spike	WG145321-7	981935		15.54	
Matrix Spike Duplica	WG145321-8	996885		15.54	

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WI

Lab ID : WG144357-4

Lab File ID : C7530.D

SDG: WE53-7

Analytical Date: 06/09/14 14:16

Instrument ID: GCMS-C

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG144515-4
Lab File ID : D8867.D

SDG: WE53-7
Analytical Date: 06/11/14 17:18
Instrument ID: GCMS-D

		PENTAFLUOROBENZENE				1,4-DIFLUOROBENZENE				CHLOROBENZENE-D5			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	508846		7.93		805504		8.59		764958		12.08	
	Upper Limit	1017692		8.43		1611008		9.09		1529916		12.58	
	Lower Limit	254423		7.43		402752		8.09		382479		11.58	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145586-4	456290		7.92		756716		8.59		756615		12.07	
Laboratory Control S	WG145586-1	516090		7.93		839368		8.59		820233		12.07	
Method Blank Sample	WG145586-2	351492		7.92		637801		8.59		570749		12.07	
FTA-SW-06-061914	SH4521-16RA	321844		7.92		598150		8.59		541606		12.07	
FTA-SW-07-061914	SH4521-18RA	296296		7.92		556675		8.59		504354		12.07	
FTA-SW-08-061914	SH4521-20RA	314491		7.92		580658		8.59		525706		12.07	
FTA-SW-DUP01-0619	SH4521-22RA	300103		7.93		551979		8.59		513550		12.07	

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG144515-4
Lab File ID : D8867.D

SDG: WE53-7
Analytical Date: 06/11/14 17:18
Instrument ID: GCMS-D

		1,4-DICHLOROBENZENE-D4			
		Area	#	RT	#
	Std .	449110		15.38	
	Upper Limit	898220		15.88	
	Lower Limit	224555		14.88	
Client Sample ID	Lab Sample ID				
Continuing Calibrati	WG145586-4	443255		15.37	
Laboratory Control S	WG145586-1	476492		15.37	
Method Blank Sample	WG145586-2	294224		15.37	
FTA-SW-06-061914	SH4521-16RA	281198		15.37	
FTA-SW-07-061914	SH4521-18RA	265836		15.37	
FTA-SW-08-061914	SH4521-20RA	273817		15.37	
FTA-SW-DUP01-0619	SH4521-22RA	268526		15.37	

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.

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-1
Client ID: FTA-GW-TB01-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: S0473.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		115.	%					
Toluene-D8		105.	%					

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: S0479.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride		0.84	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		117.	%					
Toluene-D8		95.4	%					

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: S0474.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	J	0.081	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	J	0.012	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		120.	%					
Toluene-D8		96.4	%					

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:** S0475.D**Sample Date:** 17-JUN-14**Received Date:** 19-JUN-14**Extract Date:** 28-JUN-14**Extracted By:** DJP**Extraction Method:** SW846 8260BSIM**Lab Prep Batch:** WG145589**Analysis Date:** 28-JUN-14**Analyst:** DJP**Analysis Method:** SW846 8260BSIM**Matrix:** AQ**% Solids:** NA**Report Date:** 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		119.	%					
Toluene-D8		97.1	%					

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: S0476.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		123.	%					
Toluene-D8		98.4	%					

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: S0477.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		123.	%					
Toluene-D8		90.3	%					

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: S0469.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		109.	%					
Toluene-D8		99.0	%					

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:** S0470.D**Sample Date:** 18-JUN-14**Received Date:** 19-JUN-14**Extract Date:** 28-JUN-14**Extracted By:** DJP**Extraction Method:** SW846 8260BSIM**Lab Prep Batch:** WG145589**Analysis Date:** 28-JUN-14**Analyst:** DJP**Analysis Method:** SW846 8260BSIM**Matrix:** AQ**% Solids:** NA**Report Date:** 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		120.	%					
Toluene-D8		92.1	%					

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: S0471.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		113.	%					
Toluene-D8		93.8	%					

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: S0472.D

Sample Date: 18-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	J	0.054	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		111.	%					
Toluene-D8		101.	%					

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: S0478.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		117.	%					
Toluene-D8		82.9	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4521-1
Client ID: FTA-GW-TB02-061814
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: S0480.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		120.	%					
Toluene-D8		101.	%					

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: S0481.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		119.	%					
Toluene-D8		103.	%					

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: S0482.D

Sample Date: 18-JUN-14
Received Date: 20-JUN-14
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		118.	%					
Toluene-D8		102.	%					

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: S0483.D

Sample Date: 18-JUN-14

Received Date: 20-JUN-14

Extract Date: 28-JUN-14

Extracted By: DJP

Extraction Method: SW846 8260BSIM

Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14

Analyst: DJP

Analysis Method: SW846 8260BSIM

Matrix: AQ

% Solids: NA

Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		121.	%					
Toluene-D8		100.	%					

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: S0489.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	J	0.011	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		108.	%					
Toluene-D8		112.	%					

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: S0490.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		118.	%					
Toluene-D8		105.	%					

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: S0491.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		114.	%					
Toluene-D8		113.	%					

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: S0492.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		119.	%					
Toluene-D8		96.8	%					

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: S0493.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		118.	%					
Toluene-D8		104.	%					

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: S0494.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		116.	%					
Toluene-D8		87.6	%					

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: S0495.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		116.	%					
Toluene-D8		104.	%					

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: S0496.D

Sample Date: 19-JUN-14
Received Date: 20-JUN-14
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		115.	%					
Toluene-D8		98.5	%					

Report of Analytical Results

Client:
Lab ID: WG145589-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: S0468.D

Sample Date:
Received Date:
Extract Date: 28-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145589

Analysis Date: 28-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		105.	%					
Toluene-D8		96.8	%					

Report of Analytical Results

Client:
Lab ID: WG145683-2
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: S0488.D

Sample Date:
Received Date:
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA
Report Date: 10-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Vinyl Chloride	U	0.050	ug/L	1	.1	0.10	0.024	0.050
Tetrachloroethene	U	0.025	ug/L	1	.05	0.050	0.0091	0.025
Dibromofluoromethane		103.	%					
Toluene-D8		108.	%					

Form 2

System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

Client Sample ID	Lab Sample ID	Col. ID	DBF	# TOL	#
FTA-GW-TB01-061714	SH4401-1		115.	105.	
FTA-MW-5-061814	SH4401-10		123.	90.3	
FTA-MW-203-061814	SH4401-12		109.	99.0	
FTA-GW-DUP01-061814	SH4401-14		120.	92.1	
FTA-MW-218-061814	SH4401-16		113.	93.8	
FTA-MW-206-061814	SH4401-18		111.	101.	
FTA-MW-9-061714	SH4401-2		117.	95.4	
FTA-MW-14-061714	SH4401-20		117.	82.9	
FTA-MW-10-061714	SH4401-4		120.	96.4	
FTA-MW-11-061714	SH4401-6		119.	97.1	
FTA-MW-12-061714	SH4401-8		123.	98.4	
FTA-GW-TB02-061814	SH4521-1		120.	101.	
FTA-SW-01-061914	SH4521-10		118.	105.	
FTA-SW-02-061914	SH4521-12		114.	113.	
FTA-SW-03-061914	SH4521-14		119.	96.8	
FTA-SW-06-061914	SH4521-16		118.	104.	
FTA-SW-07-061914	SH4521-18		116.	87.6	
FTA-MW-208-061814	SH4521-2		119.	103.	
FTA-SW-08-061914	SH4521-20		116.	104.	
FTA-SW-DUP01-061914	SH4521-22		115.	98.5	
FTA-MW-1-061814	SH4521-4		118.	102.	
FTA-GW-DUP02-061814	SH4521-6		121.	100.	
FTA-MW-210-061814	SH4521-8		108.	112.	
Laboratory Control S	WG145589-1		100.	90.5	
Method Blank Sample	WG145589-2		105.	96.8	
Laboratory Control S	WG145683-1		99.3	94.6	
Method Blank Sample	WG145683-2		103.	108.	
Matrix Spike	WG145683-5		113.	91.2	
Matrix Spike Duplica	WG145683-6		109.	89.1	
Matrix Spike	WG145683-7		109.	88.2	
Matrix Spike Duplica	WG145683-8		113.	89.5	

QC Limits

Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

TOL	TOLUENE-D8	70-130
DBF	DIBROMOFLUOROMETHANE	70-130

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

LCS Recovery Report

Client:	Sample Date:	Analysis Date: 28-JUN-14
Lab ID: WG145589-1	Received Date:	Analyst: DJP
Client ID: LCS	Extract Date: 28-JUN-14	Analysis Method: SW846 8260BSIM
Project:	Extracted By: DJP	Matrix: AQ
SDG: WE53-7	Extraction Method: SW846 8260BSIM	% Solids: NA
LCS File ID: S0467.D	Lab Prep Batch: WG145589	Report Date: 10-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Vinyl Chloride	94.0	0.500	0.470	ug/L	70-130
Tetrachloroethene	84.0	0.500	0.420	ug/L	70-130
Dibromofluoromethane	100.				70-130
Toluene-D8	90.5				70-130

LCS Recovery Report

Client:	Sample Date:	Analysis Date: 30-JUN-14
Lab ID: WG145683-1	Received Date:	Analyst: DJP
Client ID: LCS	Extract Date: 30-JUN-14	Analysis Method: SW846 8260BSIM
Project:	Extracted By: DJP	Matrix: AQ
SDG: WE53-7	Extraction Method: SW846 8260BSIM	% Solids: NA
LCS File ID: S0487.D	Lab Prep Batch: WG145683	Report Date: 10-JUL-14

Compound	Recovery (%)	Conc Added	Conc Recovered	Conc Units	Limits
Vinyl Chloride	90.0	0.500	0.450	ug/L	70-130
Tetrachloroethene	100.	0.500	0.500	ug/L	70-130
Dibromofluoromethane	99.3				70-130
Toluene-D8	94.6				70-130

MS/MSD Recovery Report

MS ID: WG145683-5
MSD ID: WG145683-6
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: S0497.D

Received Date:
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683
Report Date: 10-JUL-14
MSD File ID: S0498.D

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD RPD (%)	RPD Limit	Limits
Vinyl Chloride	0.500	0.500	ug/L	U0.050	0.410	0.410	82.0	82.0	0	20	70-130
Tetrachloroethene	0.500	0.500	ug/L	J0.011	0.430	0.390	83.8	75.8	10	20	70-130
Dibromofluoromethane							113.	109.			70-130
Toluene-D8							91.2	89.1			70-130

MS/MSD Recovery Report

MS ID: WG145683-7
MSD ID: WG145683-8
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: S0499.D

Received Date:
Extract Date: 30-JUN-14
Extracted By: DJP
Extraction Method: SW846 8260BSIM
Lab Prep Batch: WG145683
Report Date: 10-JUL-14
MSD File ID: S0500.D

Analysis Date: 30-JUN-14
Analyst: DJP
Analysis Method: SW846 8260BSIM
Matrix: AQ
% Solids: NA

Compound	MS Spike	MSD Spike	Conc Units	Samp Conc	MS Conc	MSD Conc	MS Rec (%)	MSD Rec (%)	RPD RPD (%)	RPD Limit	Limits
Vinyl Chloride	0.500	0.500	ug/L	U0.050	0.450	0.510	90.0	102.	12	20	70-130
Tetrachloroethene	0.500	0.500	ug/L	U0.025	0.420	0.420	84.0	84.0	0	20	70-130
Dibromofluoromethane							109.	113.			70-130
Toluene-D8							88.2	89.5			70-130

Form 4

Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : S0468.D
Instrument ID : GCMS-S
Heated Purge : No

SDG : WE53-7
Lab Sample ID : WG145589-2
Date Analyzed : 28-JUN-14
Time Analyzed : 09:04

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	WG145589-1	S0467.D	06/28/14	08:22
FTA-MW-203-061814	SH4401-12	S0469.D	06/28/14	09:44
FTA-GW-DUP01-061814	SH4401-14	S0470.D	06/28/14	10:23
FTA-MW-218-061814	SH4401-16	S0471.D	06/28/14	11:02
FTA-MW-206-061814	SH4401-18	S0472.D	06/28/14	11:41
FTA-GW-TB01-061714	SH4401-1	S0473.D	06/28/14	12:20
FTA-MW-10-061714	SH4401-4	S0474.D	06/28/14	12:59
FTA-MW-11-061714	SH4401-6	S0475.D	06/28/14	13:38
FTA-MW-12-061714	SH4401-8	S0476.D	06/28/14	14:17
FTA-MW-5-061814	SH4401-10	S0477.D	06/28/14	14:56
FTA-MW-14-061714	SH4401-20	S0478.D	06/28/14	15:35
FTA-MW-9-061714	SH4401-2	S0479.D	06/28/14	16:14
FTA-GW-TB02-061814	SH4521-1	S0480.D	06/28/14	16:53
FTA-MW-208-061814	SH4521-2	S0481.D	06/28/14	17:33
FTA-MW-1-061814	SH4521-4	S0482.D	06/28/14	18:12
FTA-GW-DUP02-061814	SH4521-6	S0483.D	06/28/14	18:51

Form 4

Method Blank Summary - VOA

Lab Name : Katahdin Analytical Services Project : NCTAMSLANT Cutler CTO WE53 Lab File ID : S0488.D Instrument ID : GCMS-S Heated Purge : No	SDG : WE53-7 Lab Sample ID : WG145683-2 Date Analyzed : 30-JUN-14 Time Analyzed : 10:05
--	--

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	WG145683-1	S0487.D	06/30/14	09:26
FTA-MW-210-061814	SH4521-8	S0489.D	06/30/14	10:54
FTA-SW-01-061914	SH4521-10	S0490.D	06/30/14	11:33
FTA-SW-02-061914	SH4521-12	S0491.D	06/30/14	12:12
FTA-SW-03-061914	SH4521-14	S0492.D	06/30/14	12:51
FTA-SW-06-061914	SH4521-16	S0493.D	06/30/14	13:30
FTA-SW-07-061914	SH4521-18	S0494.D	06/30/14	14:08
FTA-SW-08-061914	SH4521-20	S0495.D	06/30/14	14:47
FTA-SW-DUP01-061914	SH4521-22	S0496.D	06/30/14	15:26
Matrix Spike	WG145683-5	S0497.D	06/30/14	16:05
Matrix Spike Duplica	WG145683-6	S0498.D	06/30/14	16:44
Matrix Spike	WG145683-7	S0499.D	06/30/14	17:23
Matrix Spike Duplica	WG145683-8	S0500.D	06/30/14	18:02

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : SB442.D
Instrument ID : GCMS-S

SDG : WE53-7
Date Analyzed : 27-JUN-14
Time Analyzed : 10:12
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	17.2	
75	30.0 - 60.0% of mass 95	48.4	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	8.0	
173	Less than 2.0% of mass 174	0.0	0.0 ¹
174	Greater than 50.0% of mass 95	73.2	
175	5.0 - 9.0% of mass 174	6.0	8.18 ¹
176	95.0 - 101.0% of mass 174	72.1	98.50 ¹
177	5.0 - 9.0% of mass 176	4.4	6.17 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145721-4	S0452.D	06/27/14	10:40
Initial Calibration	WG145721-3	S0453.D	06/27/14	11:19
Initial Calibration	WG145721-2	S0455.D	06/27/14	12:36
Initial Calibration	WG145721-1	S0456.D	06/27/14	13:15
Initial Calibration	WG145721-6	S0457.D	06/27/14	13:54
Initial Calibration	WG145721-5	S0458.D	06/27/14	14:33

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : SB443.D
Instrument ID : GCMS-S

SDG : WE53-7
Date Analyzed : 28-JUN-14
Time Analyzed : 07:02
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	15.9	
75	30.0 - 60.0% of mass 95	44.5	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.3	0.38 ¹
174	Greater than 50.0% of mass 95	77.4	
175	5.0 - 9.0% of mass 174	5.7	7.32 ¹
176	95.0 - 101.0% of mass 174	77.5	100.06 ¹
177	5.0 - 9.0% of mass 176	4.8	6.24 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145589-4	S0466.D	06/28/14	07:33
Laboratory Control S	WG145589-1	S0467.D	06/28/14	08:22
Independent Source	WG145589-5	S0467A.D	06/28/14	08:22
Method Blank Sample	WG145589-2	S0468.D	06/28/14	09:04
FTA-MW-203-061814	SH4401-12	S0469.D	06/28/14	09:44
FTA-GW-DUP01-061814	SH4401-14	S0470.D	06/28/14	10:23
FTA-MW-218-061814	SH4401-16	S0471.D	06/28/14	11:02
FTA-MW-206-061814	SH4401-18	S0472.D	06/28/14	11:41
FTA-GW-TB01-061714	SH4401-1	S0473.D	06/28/14	12:20
FTA-MW-10-061714	SH4401-4	S0474.D	06/28/14	12:59
FTA-MW-11-061714	SH4401-6	S0475.D	06/28/14	13:38
FTA-MW-12-061714	SH4401-8	S0476.D	06/28/14	14:17
FTA-MW-5-061814	SH4401-10	S0477.D	06/28/14	14:56
FTA-MW-14-061714	SH4401-20	S0478.D	06/28/14	15:35
FTA-MW-9-061714	SH4401-2	S0479.D	06/28/14	16:14
FTA-GW-TB02-061814	SH4521-1	S0480.D	06/28/14	16:53
FTA-MW-208-061814	SH4521-2	S0481.D	06/28/14	17:33
FTA-MW-1-061814	SH4521-4	S0482.D	06/28/14	18:12
FTA-GW-DUP02-061814	SH4521-6	S0483.D	06/28/14	18:51

Form 5

Volatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : SB444.D
Instrument ID : GCMS-S

SDG : WE53-7
Date Analyzed : 30-JUN-14
Time Analyzed : 08:07
Heated Purge : No

m/e	Ion Abundance Criteria	% Relative Abundance	
50	15.0 - 40.0% of mass 95	15.5	
75	30.0 - 60.0% of mass 95	41.3	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	7.2	
173	Less than 2.0% of mass 174	1.3	1.61 ¹
174	Greater than 50.0% of mass 95	80.5	
175	5.0 - 9.0% of mass 174	5.2	6.46 ¹
176	95.0 - 101.0% of mass 174	77.9	96.80 ¹
177	5.0 - 9.0% of mass 176	5.3	6.74 ²

1-Value is % mass 174

2-Value is % mass 176

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	WG145683-4	S0486.D	06/30/14	08:41
Laboratory Control S	WG145683-1	S0487.D	06/30/14	09:26
Method Blank Sample	WG145683-2	S0488.D	06/30/14	10:05
FTA-MW-210-061814	SH4521-8	S0489.D	06/30/14	10:54
FTA-SW-01-061914	SH4521-10	S0490.D	06/30/14	11:33
FTA-SW-02-061914	SH4521-12	S0491.D	06/30/14	12:12
FTA-SW-03-061914	SH4521-14	S0492.D	06/30/14	12:51
FTA-SW-06-061914	SH4521-16	S0493.D	06/30/14	13:30
FTA-SW-07-061914	SH4521-18	S0494.D	06/30/14	14:08
FTA-SW-08-061914	SH4521-20	S0495.D	06/30/14	14:47
FTA-SW-DUP01-061914	SH4521-22	S0496.D	06/30/14	15:26
Matrix Spike	WG145683-5	S0497.D	06/30/14	16:05
Matrix Spike Duplica	WG145683-6	S0498.D	06/30/14	16:44
Matrix Spike	WG145683-7	S0499.D	06/30/14	17:23
Matrix Spike Duplica	WG145683-8	S0500.D	06/30/14	18:02

Form 6

Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** WE53-7
Project : NCTAMSLANT Cutler CTO WE53 **Instrument ID:** GCMS-S
Lab File IDs : S0456.D S0455.D S0453.D **Column ID:**
 S0452.D S0458.D S0457.D **Calibration Date(s):** 27-JUN-14 10:40
 27-JUN-14 14:33

	0.0500000	0.0750000	0.1000000	0.5000000	1.0000	2.0000	New	b	m1	m2	%RSD	Max %RSD	
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Crv						
Vinyl chloride	4.13227	4.03505	3.51013	3.38049	3.56828	3.53051	AVG		3.69279		8.41670	15.00000	O
Tetrachloroethene	3.55461	2.55393	2.89706	2.57286	2.91769	3.01144	AVG		2.91793		12.50870	15.00000	O
Dibromofluoromethane	0.40496	0.39907	0.38119	0.35111	0.35574	0.35535	AVG		0.37457		6.36484	15.00000	
Toluene-D8	1.32148	1.33027	1.26594	1.21413	1.26897	1.17340	AVG		1.26237		4.80601	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 : WG145589-4

Analytical Date: 06/28/14 07:33

Lab File ID : S0466.D

Instrument ID: GCMS-S

Initial Calibration Date(s): 06/27/14 10:40 06/27/14 14:33

Column ID:

Compound	RRF/Amount	RF0.500	CCAL RRF	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
2 Vinyl chloride	3.69279	3.64595	0.010	-1.2682	20.00000	Averaged	
24 Tetrachloroethene	3.05982	2.76882	0.010	-9.5102	20.00000	Averaged	
11 Dibromofluoromethane	0.37670	0.44502	0.010	18.1349	20.00000	Averaged	
22 Toluene-D8	1.26040	1.30663	0.010	3.66821	20.00000	Averaged	

* = Compound out of QC criteria

Form 7

Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53 FTA
Lab ID : WG145683-4
Lab File ID : S0486.D
Initial Calibration Date(s): 06/27/14 10:40 06/27/14 14:33

SDG: WE53-7
Analytical Date: 06/30/14 08:41
Instrument ID: GCMS-S
Column ID:

Compound	RRF/Amount	RF0.500	CCAL RRF	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
2 Vinyl chloride	3.69279	4.19155	0.010	13.5063	20.00000	Averaged	
24 Tetrachloroethene	3.05982	3.38055	0.010	10.4820	20.00000	Averaged	
11 Dibromofluoromethane	0.37670	0.40129	0.010	6.52654	20.00000	Averaged	
22 Toluene-D8	1.26040	1.15015	0.010	-8.7467	20.00000	Averaged	

* = Compound out of QC criteria

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145721-3
Lab File ID : S0453.D

SDG: WE53-7
Analytical Date: 06/27/14 11:19
Instrument ID: GCMS-S

		PENTAFLUOROBENZENE				CHLOROBENZENE-D5			
		Area	#	RT	#	Area	#	RT	#
	Std .	19691		7.52		17564		11.57	
	Upper Limit	39382		8.02		35128		12.07	
	Lower Limit	9845.5		7.02		8782		11.07	
Client Sample ID	Lab Sample ID								
Continuing Calibrati	WG145589-4	19698		7.51		18462		11.57	
Laboratory Control S	WG145589-1	19633		7.51		17918		11.57	
Method Blank Sample	WG145589-2	18317		7.52		15837		11.57	
FTA-MW-203-061814	SH4401-12	16167		7.52		13832		11.57	
FTA-GW-DUP01-0618	SH4401-14	15970		7.52		15417		11.57	
FTA-MW-218-061814	SH4401-16	17012		7.52		16190		11.57	
FTA-MW-206-061814	SH4401-18	17525		7.52		15072		11.57	
FTA-GW-TB01-061714	SH4401-1	15817		7.51		12717		11.57	
FTA-MW-10-061714	SH4401-4	15764		7.51		14151		11.57	
FTA-MW-11-061714	SH4401-6	16439		7.52		14078		11.57	
FTA-MW-12-061714	SH4401-8	15882		7.52		13364		11.57	
FTA-MW-5-061814	SH4401-10	15560		7.51		15046		11.57	
FTA-MW-14-061714	SH4401-20	16498		7.52		17042		11.57	
FTA-MW-9-061714	SH4401-2	16142		7.51		14553		11.57	
FTA-GW-TB02-061814	SH4521-1	15943		7.52		13609		11.57	
FTA-MW-208-061814	SH4521-2	15954		7.52		13076		11.57	
FTA-MW-1-061814	SH4521-4	15813		7.51		12619		11.57	
FTA-GW-DUP02-0618	SH4521-6	15296		7.51		12832		11.57	

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145721-3
Lab File ID : S0453.D

SDG: WE53-7
Analytical Date: 06/27/14 11:19
Instrument ID: GCMS-S

		PENTAFLUOROBENZENE				CHLOROBENZENE-D5			
		Area	#	RT	#	Area	#	RT	#
	Std .	19691		7.52		17564		11.57	
	Upper Limit	39382		8.02		35128		12.07	
	Lower Limit	9845.5		7.02		8782		11.07	
Client Sample ID	Lab Sample ID								
Continuing Calibrati	WG145683-4	18909		7.52		17409		11.57	
Laboratory Control S	WG145683-1	18670		7.51		16119		11.57	
Method Blank Sample	WG145683-2	17003		7.51		12628		11.57	
FTA-MW-210-061814	SH4521-8	15957		7.51		10944		11.57	
FTA-SW-01-061914	SH4521-10	15810		7.51		11921		11.57	
FTA-SW-02-061914	SH4521-12	15367		7.51		10516		11.57	
FTA-SW-03-061914	SH4521-14	15608		7.51		12838		11.57	
FTA-SW-06-061914	SH4521-16	15210		7.51		11681		11.57	
FTA-SW-07-061914	SH4521-18	16277		7.52		14495		11.59	
FTA-SW-08-061914	SH4521-20	15298		7.51		11365		11.57	
FTA-SW-DUP01-0619	SH4521-22	15368		7.51		12364		11.57	
Matrix Spike	WG145683-5	16697		7.51		14362		11.57	
Matrix Spike Duplica	WG145683-6	17337		7.52		15126		11.57	
Matrix Spike	WG145683-7	17065		7.52		15293		11.57	
Matrix Spike Duplica	WG145683-8	16749		7.51		15352		11.57	

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.

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: U6384.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol	*	0.00	%					
Phenol-D6	*	0.00	%					
Nitrobenzene-d5		65.4	%					
2-Fluorobiphenyl		69.3	%					
2,4,6-Tribromophenol	*	18.5	%					

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: U6384.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		76.7	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-2RE
Client ID: FTA-MW-9-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6422.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol	*	0.00	%					
Phenol-D6	*	0.00	%					
Nitrobenzene-d5		62.0	%					
2-Fluorobiphenyl		64.0	%					
2,4,6-Tribromophenol	*	21.1	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-2RE
Client ID: FTA-MW-9-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6422.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		75.0	%					

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: U6288.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: WG145277

Analysis Date: 04-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.2	ug/L	1	10	9.6	1.7	7.2
2-Methylphenol	U	7.2	ug/L	1	10	9.6	3.6	7.2
Isophorone	U	7.2	ug/L	1	10	9.6	1.6	7.2
2-Nitrophenol	U	7.2	ug/L	1	10	9.6	2.6	7.2
2,4-Dimethylphenol	U	7.2	ug/L	1	10	9.6	4.2	7.2
4-Chloro-3-Methylphenol	U	7.2	ug/L	1	10	9.6	3.5	7.2
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Chloronaphthalene	U	7.2	ug/L	1	10	9.6	2.8	7.2
Dimethyl Phthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
Diethylphthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
N-Nitrosodiphenylamine	U	7.2	ug/L	1	10	9.6	3.6	7.2
Carbazole	U	7.2	ug/L	1	10	9.6	2.0	7.2
Di-N-Butylphthalate	U	7.2	ug/L	1	10	9.6	2.4	7.2
Butylbenzylphthalate	U	7.2	ug/L	1	10	9.6	1.8	7.2
Di-N-Octylphthalate	U	7.2	ug/L	1	10	9.6	1.7	7.2
Acetophenone	U	7.2	ug/L	1	10	9.6	3.8	7.2
Caprolactam	ULL	7.2	ug/L	1	10	9.6	0.38	7.2
Benzaldehyde	U	7.2	ug/L	1	10	9.6	0.96	7.2
2,3,4,6-Tetrachlorophenol	U	7.2	ug/L	1	10	9.6	2.6	7.2
4-Bromophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	1.8	7.2
4-Chlorophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	2.1	7.2
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Acenaphthylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Anthracene	U	7.2	ug/L	1	10	9.6	1.6	7.2
Fluorene	U	7.2	ug/L	1	10	9.6	2.0	7.2
Fluoranthene	U	7.2	ug/L	1	10	9.6	2.3	7.2
Benzo(g,h,i)perylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Benzo(k)fluoranthene	U	7.2	ug/L	1	10	9.6	1.5	7.2
Bis(2-Chloroethoxy)Methane	U	7.2	ug/L	1	10	9.6	2.0	7.2
2-Fluorophenol		23.2	%					
Phenol-D6		13.7	%					
Nitrobenzene-d5		54.8	%					
2-Fluorobiphenyl		58.1	%					
2,4,6-Tribromophenol		64.1	%					

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: U6288.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: WG145277

Analysis Date: 04-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		65.6	%					

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: U6385.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		20.1	%					
Phenol-D6		15.7	%					
Nitrobenzene-d5		54.7	%					
2-Fluorobiphenyl		57.3	%					
2,4,6-Tribromophenol		47.3	%					

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: U6385.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14	*	34.9	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-6RE
Client ID: FTA-MW-11-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6423.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		38.4	%					
Phenol-D6		26.2	%					
Nitrobenzene-d5		64.6	%					
2-Fluorobiphenyl		69.6	%					
2,4,6-Tribromophenol		83.9	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-6RE
Client ID: FTA-MW-11-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6423.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		86.8	%					

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: U6386.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	8.0	ug/L	1	10	11.	1.9	8.0
2-Methylphenol	U	8.0	ug/L	1	10	11.	4.0	8.0
Isophorone	U	8.0	ug/L	1	10	11.	1.8	8.0
2-Nitrophenol	U	8.0	ug/L	1	10	11.	2.9	8.0
2,4-Dimethylphenol	U	8.0	ug/L	1	10	11.	4.7	8.0
4-Chloro-3-Methylphenol	U	8.0	ug/L	1	10	11.	3.8	8.0
2,4,5-Trichlorophenol	U	20	ug/L	1	25	26.	3.8	20.
2-Chloronaphthalene	U	8.0	ug/L	1	10	11.	3.1	8.0
Dimethyl Phthalate	U	8.0	ug/L	1	10	11.	2.1	8.0
Diethylphthalate	U	8.0	ug/L	1	10	11.	2.1	8.0
N-Nitrosodiphenylamine	U	8.0	ug/L	1	10	11.	3.9	8.0
Carbazole	U	8.0	ug/L	1	10	11.	2.2	8.0
Di-N-Butylphthalate	U	8.0	ug/L	1	10	11.	2.6	8.0
Butylbenzylphthalate	U	8.0	ug/L	1	10	11.	2.0	8.0
Di-N-Octylphthalate	U	8.0	ug/L	1	10	11.	1.9	8.0
Acetophenone	U	8.0	ug/L	1	10	11.	4.1	8.0
Caprolactam	ULL	8.0	ug/L	1	10	11.	0.42	8.0
Benzaldehyde	U	8.0	ug/L	1	10	11.	1.1	8.0
2,3,4,6-Tetrachlorophenol	U	8.0	ug/L	1	10	11.	2.9	8.0
4-Bromophenyl-Phenylether	U	8.0	ug/L	1	10	11.	2.0	8.0
4-Chlorophenyl-Phenylether	U	8.0	ug/L	1	10	11.	2.3	8.0
4-Nitrophenol	U	20	ug/L	1	25	26.	1.9	20.
Acenaphthene	U	8.0	ug/L	1	10	11.	1.6	8.0
Acenaphthylene	U	8.0	ug/L	1	10	11.	1.6	8.0
Anthracene	U	8.0	ug/L	1	10	11.	1.8	8.0
Fluorene	U	8.0	ug/L	1	10	11.	2.2	8.0
Fluoranthene	U	8.0	ug/L	1	10	11.	2.6	8.0
Benzo(g,h,i)perylene	U	8.0	ug/L	1	10	11.	1.6	8.0
Benzo(k)fluoranthene	U	8.0	ug/L	1	10	11.	1.7	8.0
Bis(2-Chloroethoxy)Methane	U	8.0	ug/L	1	10	11.	2.2	8.0
2-Fluorophenol	*	14.5	%					
Phenol-D6	*	9.06	%					
Nitrobenzene-d5		61.3	%					
2-Fluorobiphenyl		65.4	%					
2,4,6-Tribromophenol	*	36.4	%					

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: U6386.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		89.8	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-8RE
Client ID: FTA-MW-12-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6424.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		24.9	%					
Phenol-D6		16.1	%					
Nitrobenzene-d5		64.0	%					
2-Fluorobiphenyl		68.9	%					
2,4,6-Tribromophenol		70.3	%					

Report of Analytical Results

Client: Tetra Tech NUS, Inc.
Lab ID: SH4401-8RE
Client ID: FTA-MW-12-061714
Project: NCTAMSLANT Cutler CTO
SDG: WE53-7
Lab File ID: U6424.D

Sample Date: 17-JUN-14
Received Date: 19-JUN-14
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		102.	%					

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: U6387.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		28.2	%					
Phenol-D6		19.4	%					
Nitrobenzene-d5		62.6	%					
2-Fluorobiphenyl		64.1	%					
2,4,6-Tribromophenol		76.2	%					

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: U6387.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		79.5	%					

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: U6388.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		27.1	%					
Phenol-D6		19.0	%					
Nitrobenzene-d5		55.1	%					
2-Fluorobiphenyl		61.8	%					
2,4,6-Tribromophenol		81.7	%					

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: U6388.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		75.7	%					

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: U6389.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		33.3	%					
Phenol-D6		22.2	%					
Nitrobenzene-d5		63.4	%					
2-Fluorobiphenyl		67.8	%					
2,4,6-Tribromophenol		88.4	%					

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: U6389.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		90.3	%					

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: U6390.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.3	ug/L	1	10	9.7	1.7	7.3
2-Methylphenol	U	7.3	ug/L	1	10	9.7	3.7	7.3
Isophorone	U	7.3	ug/L	1	10	9.7	1.6	7.3
2-Nitrophenol	U	7.3	ug/L	1	10	9.7	2.6	7.3
2,4-Dimethylphenol	U	7.3	ug/L	1	10	9.7	4.3	7.3
4-Chloro-3-Methylphenol	U	7.3	ug/L	1	10	9.7	3.5	7.3
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Chloronaphthalene	U	7.3	ug/L	1	10	9.7	2.8	7.3
Dimethyl Phthalate	U	7.3	ug/L	1	10	9.7	2.0	7.3
Diethylphthalate	U	7.3	ug/L	1	10	9.7	1.9	7.3
N-Nitrosodiphenylamine	U	7.3	ug/L	1	10	9.7	3.6	7.3
Carbazole	U	7.3	ug/L	1	10	9.7	2.0	7.3
Di-N-Butylphthalate	U	7.3	ug/L	1	10	9.7	2.4	7.3
Butylbenzylphthalate	U	7.3	ug/L	1	10	9.7	1.8	7.3
Di-N-Octylphthalate	U	7.3	ug/L	1	10	9.7	1.7	7.3
Acetophenone	U	7.3	ug/L	1	10	9.7	3.8	7.3
Caprolactam	ULL	7.3	ug/L	1	10	9.7	0.39	7.3
Benzaldehyde	U	7.3	ug/L	1	10	9.7	0.97	7.3
2,3,4,6-Tetrachlorophenol	U	7.3	ug/L	1	10	9.7	2.6	7.3
4-Bromophenyl-Phenylether	U	7.3	ug/L	1	10	9.7	1.8	7.3
4-Chlorophenyl-Phenylether	U	7.3	ug/L	1	10	9.7	2.1	7.3
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Acenaphthylene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Anthracene	U	7.3	ug/L	1	10	9.7	1.6	7.3
Fluorene	U	7.3	ug/L	1	10	9.7	2.0	7.3
Fluoranthene	U	7.3	ug/L	1	10	9.7	2.3	7.3
Benzo(g,h,i)perylene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Benzo(k)fluoranthene	U	7.3	ug/L	1	10	9.7	1.6	7.3
Bis(2-Chloroethoxy)Methane	U	7.3	ug/L	1	10	9.7	2.0	7.3
2-Fluorophenol		34.8	%					
Phenol-D6		22.1	%					
Nitrobenzene-d5		55.4	%					
2-Fluorobiphenyl		57.5	%					
2,4,6-Tribromophenol		78.4	%					

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: U6390.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		81.2	%					

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: U6391.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		26.4	%					
Phenol-D6		16.1	%					
Nitrobenzene-d5		52.5	%					
2-Fluorobiphenyl		57.3	%					
2,4,6-Tribromophenol		74.9	%					

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: U6391.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		76.8	%					

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: U6392.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		28.1	%					
Phenol-D6		18.7	%					
Nitrobenzene-d5		54.2	%					
2-Fluorobiphenyl		58.9	%					
2,4,6-Tribromophenol		89.9	%					

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: U6392.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: WG145277

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		95.5	%					

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: U6393.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		31.8	%					
Phenol-D6		19.7	%					
Nitrobenzene-d5		54.5	%					
2-Fluorobiphenyl		58.0	%					
2,4,6-Tribromophenol		78.9	%					

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: U6393.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		88.9	%					

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: U6394.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.6	ug/L	1	10	10.	1.8	7.6
2-Methylphenol	U	7.6	ug/L	1	10	10.	3.8	7.6
Isophorone	U	7.6	ug/L	1	10	10.	1.7	7.6
2-Nitrophenol	U	7.6	ug/L	1	10	10.	2.7	7.6
2,4-Dimethylphenol	U	7.6	ug/L	1	10	10.	4.4	7.6
4-Chloro-3-Methylphenol	U	7.6	ug/L	1	10	10.	3.6	7.6
2,4,5-Trichlorophenol	U	19	ug/L	1	25	25.	3.6	19.
2-Chloronaphthalene	U	7.6	ug/L	1	10	10.	2.9	7.6
Dimethyl Phthalate	U	7.6	ug/L	1	10	10.	2.0	7.6
Diethylphthalate	U	7.6	ug/L	1	10	10.	2.0	7.6
N-Nitrosodiphenylamine	U	7.6	ug/L	1	10	10.	3.7	7.6
Carbazole	U	7.6	ug/L	1	10	10.	2.1	7.6
Di-N-Butylphthalate	U	7.6	ug/L	1	10	10.	2.5	7.6
Butylbenzylphthalate	U	7.6	ug/L	1	10	10.	1.9	7.6
Di-N-Octylphthalate	U	7.6	ug/L	1	10	10.	1.8	7.6
Acetophenone	U	7.6	ug/L	1	10	10.	3.9	7.6
Caprolactam	UL	7.6	ug/L	1	10	10.	0.40	7.6
Benzaldehyde	U	7.6	ug/L	1	10	10.	1.0	7.6
2,3,4,6-Tetrachlorophenol	U	7.6	ug/L	1	10	10.	2.7	7.6
4-Bromophenyl-Phenylether	U	7.6	ug/L	1	10	10.	1.9	7.6
4-Chlorophenyl-Phenylether	U	7.6	ug/L	1	10	10.	2.2	7.6
4-Nitrophenol	U	19	ug/L	1	25	25.	1.8	19.
Acenaphthene	U	7.6	ug/L	1	10	10.	1.5	7.6
Acenaphthylene	U	7.6	ug/L	1	10	10.	1.5	7.6
Anthracene	U	7.6	ug/L	1	10	10.	1.7	7.6
Fluorene	U	7.6	ug/L	1	10	10.	2.1	7.6
Fluoranthene	U	7.6	ug/L	1	10	10.	2.4	7.6
Benzo(g,h,i)perylene	U	7.6	ug/L	1	10	10.	1.5	7.6
Benzo(k)fluoranthene	U	7.6	ug/L	1	10	10.	1.6	7.6
Bis(2-Chloroethoxy)Methane	U	7.6	ug/L	1	10	10.	2.1	7.6
2-Fluorophenol		35.1	%					
Phenol-D6		23.3	%					
Nitrobenzene-d5		57.2	%					
2-Fluorobiphenyl		62.1	%					
2,4,6-Tribromophenol		71.6	%					

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: U6394.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		96.2	%					

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: U6395.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		40.9	%					
Phenol-D6		26.8	%					
Nitrobenzene-d5		68.3	%					
2-Fluorobiphenyl		72.3	%					
2,4,6-Tribromophenol		88.9	%					

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: U6395.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		89.5	%					

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: U6404.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	UMM	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	UM	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	ULM	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		33.7	%					
Phenol-D6		21.9	%					
Nitrobenzene-d5		59.6	%					
2-Fluorobiphenyl		66.9	%					
2,4,6-Tribromophenol		101.	%					

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: U6404.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		92.0	%					

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: U6396.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.2	ug/L	1	10	9.6	1.7	7.2
2-Methylphenol	U	7.2	ug/L	1	10	9.6	3.6	7.2
Isophorone	U	7.2	ug/L	1	10	9.6	1.6	7.2
2-Nitrophenol	U	7.2	ug/L	1	10	9.6	2.6	7.2
2,4-Dimethylphenol	U	7.2	ug/L	1	10	9.6	4.2	7.2
4-Chloro-3-Methylphenol	U	7.2	ug/L	1	10	9.6	3.5	7.2
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Chloronaphthalene	U	7.2	ug/L	1	10	9.6	2.8	7.2
Dimethyl Phthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
Diethylphthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
N-Nitrosodiphenylamine	U	7.2	ug/L	1	10	9.6	3.6	7.2
Carbazole	U	7.2	ug/L	1	10	9.6	2.0	7.2
Di-N-Butylphthalate	U	7.2	ug/L	1	10	9.6	2.4	7.2
Butylbenzylphthalate	U	7.2	ug/L	1	10	9.6	1.8	7.2
Di-N-Octylphthalate	U	7.2	ug/L	1	10	9.6	1.7	7.2
Acetophenone	U	7.2	ug/L	1	10	9.6	3.8	7.2
Caprolactam	UL	7.2	ug/L	1	10	9.6	0.38	7.2
Benzaldehyde	U	7.2	ug/L	1	10	9.6	0.96	7.2
2,3,4,6-Tetrachlorophenol	U	7.2	ug/L	1	10	9.6	2.6	7.2
4-Bromophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	1.8	7.2
4-Chlorophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	2.1	7.2
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Acenaphthylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Anthracene	U	7.2	ug/L	1	10	9.6	1.6	7.2
Fluorene	U	7.2	ug/L	1	10	9.6	2.0	7.2
Fluoranthene	U	7.2	ug/L	1	10	9.6	2.3	7.2
Benzo(g,h,i)perylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Benzo(k)fluoranthene	U	7.2	ug/L	1	10	9.6	1.5	7.2
Bis(2-Chloroethoxy)Methane	U	7.2	ug/L	1	10	9.6	2.0	7.2
2-Fluorophenol		39.4	%					
Phenol-D6		26.1	%					
Nitrobenzene-d5		57.5	%					
2-Fluorobiphenyl		61.8	%					
2,4,6-Tribromophenol		88.0	%					

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: U6396.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: WG145380

Analysis Date: 11-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		94.9	%					

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: U6408.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.5	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.5	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.5	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.5	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.5	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.5	2.8	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.5	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.5	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.5	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.5	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.5	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.5	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.5	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.5	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.5	0.95	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.5	2.6	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.5	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.5	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.5	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.5	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.5	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.5	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.5	2.0	7.1
2-Fluorophenol		37.6	%					
Phenol-D6		24.2	%					
Nitrobenzene-d5		58.8	%					
2-Fluorobiphenyl		58.2	%					
2,4,6-Tribromophenol		79.1	%					

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: U6408.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		76.4	%					

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: U6409.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.6	ug/L	1	10	10.	1.8	7.6
2-Methylphenol	UMM	7.6	ug/L	1	10	10.	3.9	7.6
Isophorone	U	7.6	ug/L	1	10	10.	1.7	7.6
2-Nitrophenol	U	7.6	ug/L	1	10	10.	2.8	7.6
2,4-Dimethylphenol	U	7.6	ug/L	1	10	10.	4.5	7.6
4-Chloro-3-Methylphenol	U	7.6	ug/L	1	10	10.	3.7	7.6
2,4,5-Trichlorophenol	U	19	ug/L	1	25	26.	3.7	19.
2-Chloronaphthalene	UM	7.6	ug/L	1	10	10.	3.0	7.6
Dimethyl Phthalate	U	7.6	ug/L	1	10	10.	2.0	7.6
Diethylphthalate	U	7.6	ug/L	1	10	10.	2.0	7.6
N-Nitrosodiphenylamine	U	7.6	ug/L	1	10	10.	3.8	7.6
Carbazole	U	7.6	ug/L	1	10	10.	2.1	7.6
Di-N-Butylphthalate	U	7.6	ug/L	1	10	10.	2.6	7.6
Butylbenzylphthalate	U	7.6	ug/L	1	10	10.	1.9	7.6
Di-N-Octylphthalate	U	7.6	ug/L	1	10	10.	1.8	7.6
Acetophenone	U	7.6	ug/L	1	10	10.	4.0	7.6
Caprolactam	UL	7.6	ug/L	1	10	10.	0.41	7.6
Benzaldehyde	U	7.6	ug/L	1	10	10.	1.0	7.6
2,3,4,6-Tetrachlorophenol	U	7.6	ug/L	1	10	10.	2.8	7.6
4-Bromophenyl-Phenylether	U	7.6	ug/L	1	10	10.	1.9	7.6
4-Chlorophenyl-Phenylether	U	7.6	ug/L	1	10	10.	2.2	7.6
4-Nitrophenol	U	19	ug/L	1	25	26.	1.8	19.
Acenaphthene	U	7.6	ug/L	1	10	10.	1.5	7.6
Acenaphthylene	U	7.6	ug/L	1	10	10.	1.5	7.6
Anthracene	U	7.6	ug/L	1	10	10.	1.7	7.6
Fluorene	U	7.6	ug/L	1	10	10.	2.1	7.6
Fluoranthene	U	7.6	ug/L	1	10	10.	2.4	7.6
Benzo(g,h,i)perylene	U	7.6	ug/L	1	10	10.	1.5	7.6
Benzo(k)fluoranthene	U	7.6	ug/L	1	10	10.	1.6	7.6
Bis(2-Chloroethoxy)Methane	U	7.6	ug/L	1	10	10.	2.1	7.6
2-Fluorophenol		38.4	%					
Phenol-D6		26.0	%					
Nitrobenzene-d5		56.9	%					
2-Fluorobiphenyl		61.6	%					
2,4,6-Tribromophenol		89.4	%					

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: U6409.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		76.0	%					

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: U6412.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.5	ug/L	1	10	10.	1.8	7.5
2-Methylphenol	U	7.5	ug/L	1	10	10.	3.8	7.5
Isophorone	U	7.5	ug/L	1	10	10.	1.7	7.5
2-Nitrophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
2,4-Dimethylphenol	U	7.5	ug/L	1	10	10.	4.4	7.5
4-Chloro-3-Methylphenol	U	7.5	ug/L	1	10	10.	3.6	7.5
2,4,5-Trichlorophenol	U	19	ug/L	1	25	25.	3.6	19.
2-Chloronaphthalene	U	7.5	ug/L	1	10	10.	2.9	7.5
Dimethyl Phthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
Diethylphthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
N-Nitrosodiphenylamine	U	7.5	ug/L	1	10	10.	3.7	7.5
Carbazole	U	7.5	ug/L	1	10	10.	2.1	7.5
Di-N-Butylphthalate	U	7.5	ug/L	1	10	10.	2.5	7.5
Butylbenzylphthalate	U	7.5	ug/L	1	10	10.	1.9	7.5
Di-N-Octylphthalate	U	7.5	ug/L	1	10	10.	1.8	7.5
Acetophenone	U	7.5	ug/L	1	10	10.	3.9	7.5
Caprolactam	UL	7.5	ug/L	1	10	10.	0.40	7.5
Benzaldehyde	U	7.5	ug/L	1	10	10.	1.0	7.5
2,3,4,6-Tetrachlorophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
4-Bromophenyl-Phenylether	U	7.5	ug/L	1	10	10.	1.9	7.5
4-Chlorophenyl-Phenylether	U	7.5	ug/L	1	10	10.	2.2	7.5
4-Nitrophenol	U	19	ug/L	1	25	25.	1.8	19.
Acenaphthene	U	7.5	ug/L	1	10	10.	1.5	7.5
Acenaphthylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Anthracene	U	7.5	ug/L	1	10	10.	1.7	7.5
Fluorene	U	7.5	ug/L	1	10	10.	2.1	7.5
Fluoranthene	U	7.5	ug/L	1	10	10.	2.4	7.5
Benzo(g,h,i)perylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Benzo(k)fluoranthene	U	7.5	ug/L	1	10	10.	1.6	7.5
Bis(2-Chloroethoxy)Methane	U	7.5	ug/L	1	10	10.	2.1	7.5
2-Fluorophenol		27.1	%					
Phenol-D6		20.3	%					
Nitrobenzene-d5		57.6	%					
2-Fluorobiphenyl		60.5	%					
2,4,6-Tribromophenol		76.2	%					

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: U6412.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		60.7	%					

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: U6413.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.1	ug/L	1	10	9.4	1.7	7.1
2-Methylphenol	U	7.1	ug/L	1	10	9.4	3.6	7.1
Isophorone	U	7.1	ug/L	1	10	9.4	1.6	7.1
2-Nitrophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
2,4-Dimethylphenol	U	7.1	ug/L	1	10	9.4	4.2	7.1
4-Chloro-3-Methylphenol	U	7.1	ug/L	1	10	9.4	3.4	7.1
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.4	18.
2-Chloronaphthalene	U	7.1	ug/L	1	10	9.4	2.7	7.1
Dimethyl Phthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
Diethylphthalate	U	7.1	ug/L	1	10	9.4	1.9	7.1
N-Nitrosodiphenylamine	U	7.1	ug/L	1	10	9.4	3.5	7.1
Carbazole	U	7.1	ug/L	1	10	9.4	2.0	7.1
Di-N-Butylphthalate	U	7.1	ug/L	1	10	9.4	2.4	7.1
Butylbenzylphthalate	U	7.1	ug/L	1	10	9.4	1.8	7.1
Di-N-Octylphthalate	U	7.1	ug/L	1	10	9.4	1.7	7.1
Acetophenone	U	7.1	ug/L	1	10	9.4	3.7	7.1
Caprolactam	UL	7.1	ug/L	1	10	9.4	0.38	7.1
Benzaldehyde	U	7.1	ug/L	1	10	9.4	0.94	7.1
2,3,4,6-Tetrachlorophenol	U	7.1	ug/L	1	10	9.4	2.5	7.1
4-Bromophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	1.8	7.1
4-Chlorophenyl-Phenylether	U	7.1	ug/L	1	10	9.4	2.1	7.1
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Acenaphthylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Anthracene	U	7.1	ug/L	1	10	9.4	1.6	7.1
Fluorene	U	7.1	ug/L	1	10	9.4	2.0	7.1
Fluoranthene	U	7.1	ug/L	1	10	9.4	2.3	7.1
Benzo(g,h,i)perylene	U	7.1	ug/L	1	10	9.4	1.4	7.1
Benzo(k)fluoranthene	U	7.1	ug/L	1	10	9.4	1.5	7.1
Bis(2-Chloroethoxy)Methane	U	7.1	ug/L	1	10	9.4	2.0	7.1
2-Fluorophenol		40.2	%					
Phenol-D6		26.5	%					
Nitrobenzene-d5		65.0	%					
2-Fluorobiphenyl		69.2	%					
2,4,6-Tribromophenol		102.	%					

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: U6413.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		74.3	%					

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: U6414.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.4	ug/L	1	10	9.8	1.8	7.4
2-Methylphenol	U	7.4	ug/L	1	10	9.8	3.7	7.4
Isophorone	U	7.4	ug/L	1	10	9.8	1.7	7.4
2-Nitrophenol	U	7.4	ug/L	1	10	9.8	2.6	7.4
2,4-Dimethylphenol	U	7.4	ug/L	1	10	9.8	4.3	7.4
4-Chloro-3-Methylphenol	U	7.4	ug/L	1	10	9.8	3.5	7.4
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Chloronaphthalene	U	7.4	ug/L	1	10	9.8	2.8	7.4
Dimethyl Phthalate	U	7.4	ug/L	1	10	9.8	2.0	7.4
Diethylphthalate	U	7.4	ug/L	1	10	9.8	2.0	7.4
N-Nitrosodiphenylamine	U	7.4	ug/L	1	10	9.8	3.6	7.4
Carbazole	U	7.4	ug/L	1	10	9.8	2.0	7.4
Di-N-Butylphthalate	U	7.4	ug/L	1	10	9.8	2.4	7.4
Butylbenzylphthalate	U	7.4	ug/L	1	10	9.8	1.9	7.4
Di-N-Octylphthalate	U	7.4	ug/L	1	10	9.8	1.8	7.4
Acetophenone	U	7.4	ug/L	1	10	9.8	3.8	7.4
Caprolactam	UL	7.4	ug/L	1	10	9.8	0.39	7.4
Benzaldehyde	U	7.4	ug/L	1	10	9.8	0.98	7.4
2,3,4,6-Tetrachlorophenol	U	7.4	ug/L	1	10	9.8	2.6	7.4
4-Bromophenyl-Phenylether	U	7.4	ug/L	1	10	9.8	1.9	7.4
4-Chlorophenyl-Phenylether	U	7.4	ug/L	1	10	9.8	2.2	7.4
4-Nitrophenol	U	18	ug/L	1	25	24.	1.8	18.
Acenaphthene	U	7.4	ug/L	1	10	9.8	1.5	7.4
Acenaphthylene	U	7.4	ug/L	1	10	9.8	1.5	7.4
Anthracene	U	7.4	ug/L	1	10	9.8	1.7	7.4
Fluorene	U	7.4	ug/L	1	10	9.8	2.0	7.4
Fluoranthene	U	7.4	ug/L	1	10	9.8	2.4	7.4
Benzo(g,h,i)perylene	U	7.4	ug/L	1	10	9.8	1.5	7.4
Benzo(k)fluoranthene	U	7.4	ug/L	1	10	9.8	1.6	7.4
Bis(2-Chloroethoxy)Methane	U	7.4	ug/L	1	10	9.8	2.0	7.4
2-Fluorophenol		37.4	%					
Phenol-D6		25.0	%					
Nitrobenzene-d5		58.0	%					
2-Fluorobiphenyl		61.5	%					
2,4,6-Tribromophenol		88.6	%					

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: U6414.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		67.1	%					

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: U6415.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.3	ug/L	1	10	9.7	1.7	7.3
2-Methylphenol	U	7.3	ug/L	1	10	9.7	3.7	7.3
Isophorone	U	7.3	ug/L	1	10	9.7	1.6	7.3
2-Nitrophenol	U	7.3	ug/L	1	10	9.7	2.6	7.3
2,4-Dimethylphenol	U	7.3	ug/L	1	10	9.7	4.3	7.3
4-Chloro-3-Methylphenol	U	7.3	ug/L	1	10	9.7	3.5	7.3
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Chloronaphthalene	U	7.3	ug/L	1	10	9.7	2.8	7.3
Dimethyl Phthalate	U	7.3	ug/L	1	10	9.7	2.0	7.3
Diethylphthalate	U	7.3	ug/L	1	10	9.7	1.9	7.3
N-Nitrosodiphenylamine	U	7.3	ug/L	1	10	9.7	3.6	7.3
Carbazole	U	7.3	ug/L	1	10	9.7	2.0	7.3
Di-N-Butylphthalate	U	7.3	ug/L	1	10	9.7	2.4	7.3
Butylbenzylphthalate	U	7.3	ug/L	1	10	9.7	1.8	7.3
Di-N-Octylphthalate	U	7.3	ug/L	1	10	9.7	1.7	7.3
Acetophenone	U	7.3	ug/L	1	10	9.7	3.8	7.3
Caprolactam	UL	7.3	ug/L	1	10	9.7	0.39	7.3
Benzaldehyde	U	7.3	ug/L	1	10	9.7	0.97	7.3
2,3,4,6-Tetrachlorophenol	U	7.3	ug/L	1	10	9.7	2.6	7.3
4-Bromophenyl-Phenylether	U	7.3	ug/L	1	10	9.7	1.8	7.3
4-Chlorophenyl-Phenylether	U	7.3	ug/L	1	10	9.7	2.1	7.3
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Acenaphthene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Acenaphthylene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Anthracene	U	7.3	ug/L	1	10	9.7	1.6	7.3
Fluorene	U	7.3	ug/L	1	10	9.7	2.0	7.3
Fluoranthene	U	7.3	ug/L	1	10	9.7	2.3	7.3
Benzo(g,h,i)perylene	U	7.3	ug/L	1	10	9.7	1.4	7.3
Benzo(k)fluoranthene	U	7.3	ug/L	1	10	9.7	1.6	7.3
Bis(2-Chloroethoxy)Methane	U	7.3	ug/L	1	10	9.7	2.0	7.3
2-Fluorophenol		30.2	%					
Phenol-D6		21.1	%					
Nitrobenzene-d5		55.1	%					
2-Fluorobiphenyl		57.7	%					
2,4,6-Tribromophenol		87.2	%					

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: U6415.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: WG145380

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Terphenyl-d14		62.3	%					

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: U6421.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: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
2-Nitrophenol	U	7.2	ug/L	1	10	9.6	2.6	7.2
2,4-Dimethylphenol	U	7.2	ug/L	1	10	9.6	4.2	7.2
Bis(2-Chloroethoxy)Methane	U	7.2	ug/L	1	10	9.6	2.0	7.2
2,4-Dichlorophenol	U	7.2	ug/L	1	10	9.6	2.9	7.2
Caprolactam	UL	7.2	ug/L	1	10	9.6	0.38	7.2
4-Chloro-3-Methylphenol	U	7.2	ug/L	1	10	9.6	3.5	7.2
2-Methylnaphthalene	U	7.2	ug/L	1	10	9.6	3.1	7.2
2,4,5-Trichlorophenol	U	18	ug/L	1	25	24.	3.5	18.
2-Nitroaniline	U	18	ug/L	1	25	24.	1.7	18.
Dimethyl Phthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
3-Nitroaniline	U	18	ug/L	1	25	24.	1.4	18.
4-Nitrophenol	U	18	ug/L	1	25	24.	1.7	18.
Dibenzofuran	U	7.2	ug/L	1	10	9.6	1.5	7.2
Diethylphthalate	U	7.2	ug/L	1	10	9.6	1.9	7.2
4-Chlorophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	2.1	7.2
4-Bromophenyl-Phenylether	U	7.2	ug/L	1	10	9.6	1.8	7.2
Carbazole	U	7.2	ug/L	1	10	9.6	2.0	7.2
Bis(2-Ethylhexyl)Phthalate	U	7.2	ug/L	1	10	9.6	1.7	7.2
Di-N-Octylphthalate	U	7.2	ug/L	1	10	9.6	1.7	7.2
Acenaphthylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Anthracene	U	7.2	ug/L	1	10	9.6	1.6	7.2
Benzaldehyde	U	7.2	ug/L	1	10	9.6	0.96	7.2
Benzo(g,h,i)perylene	U	7.2	ug/L	1	10	9.6	1.4	7.2
Benzo(k)fluoranthene	U	7.2	ug/L	1	10	9.6	1.5	7.2
Chrysene	U	7.2	ug/L	1	10	9.6	1.6	7.2
Dibenzo(a,h)anthracene	U	7.2	ug/L	1	10	9.6	1.6	7.2
Fluoranthene	U	7.2	ug/L	1	10	9.6	2.3	7.2
Fluorene	U	7.2	ug/L	1	10	9.6	2.0	7.2
Hexachlorocyclopentadiene	U	7.2	ug/L	1	10	9.6	1.2	7.2
Phenanthrene	U	7.2	ug/L	1	10	9.6	2.3	7.2
Phenol	U	7.2	ug/L	1	10	9.6	1.7	7.2
Pyrene	U	7.2	ug/L	1	10	9.6	1.8	7.2
Isophorone	U	7.2	ug/L	1	10	9.6	1.6	7.2
2-Fluorophenol		43.9	%					
Phenol-d6		29.0	%					

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: U6421.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: WG145380

Analysis Date: 14-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Nitrobenzene-d5		74.5	%					
2-Fluorobiphenyl		77.0	%					
2,4,6-Tribromophenol		73.0	%					
Terphenyl-d14		76.7	%					

Report of Analytical Results

Client:
Lab ID: WG145380-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6209.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.5	ug/L	1	10	10.	1.8	7.5
2-Methylphenol	U	7.5	ug/L	1	10	10.	3.8	7.5
Isophorone	U	7.5	ug/L	1	10	10.	1.7	7.5
2-Nitrophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
2,4-Dimethylphenol	U	7.5	ug/L	1	10	10.	4.4	7.5
4-Chloro-3-Methylphenol	U	7.5	ug/L	1	10	10.	3.6	7.5
2,4,5-Trichlorophenol	U	19	ug/L	1	25	25.	3.6	19.
2-Chloronaphthalene	U	7.5	ug/L	1	10	10.	2.9	7.5
Dimethyl Phthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
Diethylphthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
N-Nitrosodiphenylamine	U	7.5	ug/L	1	10	10.	3.7	7.5
Carbazole	U	7.5	ug/L	1	10	10.	2.1	7.5
Di-N-Butylphthalate	U	7.5	ug/L	1	10	10.	2.5	7.5
Butylbenzylphthalate	U	7.5	ug/L	1	10	10.	1.9	7.5
Di-N-Octylphthalate	U	7.5	ug/L	1	10	10.	1.8	7.5
Acetophenone	U	7.5	ug/L	1	10	10.	3.9	7.5
Caprolactam	U	7.5	ug/L	1	10	10.	0.40	7.5
Benzaldehyde	U	7.5	ug/L	1	10	10.	1.0	7.5
2,3,4,6-Tetrachlorophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
4-Bromophenyl-Phenylether	U	7.5	ug/L	1	10	10.	1.9	7.5
4-Chlorophenyl-Phenylether	U	7.5	ug/L	1	10	10.	2.2	7.5
4-Nitrophenol	U	19	ug/L	1	25	25.	1.8	19.
Acenaphthene	U	7.5	ug/L	1	10	10.	1.5	7.5
Acenaphthylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Anthracene	U	7.5	ug/L	1	10	10.	1.7	7.5
Fluorene	U	7.5	ug/L	1	10	10.	2.1	7.5
Fluoranthene	U	7.5	ug/L	1	10	10.	2.4	7.5
Benzo(g,h,i)perylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Benzo(k)fluoranthene	U	7.5	ug/L	1	10	10.	1.6	7.5
Bis(2-Chloroethoxy)Methane	U	7.5	ug/L	1	10	10.	2.1	7.5
2-Fluorophenol		42.7	%					
Phenol-D6		27.9	%					
Nitrobenzene-d5		66.0	%					
2-Fluorobiphenyl		69.2	%					

Report of Analytical Results

Client:
Lab ID: WG145380-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6209.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
2,4,6-Tribromophenol		84.2	%					
Terphenyl-d14		79.5	%					

Report of Analytical Results

Client:
Lab ID: WG145380-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6209.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
2-Nitrophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
2,4-Dimethylphenol	U	7.5	ug/L	1	10	10.	4.4	7.5
Bis(2-Chloroethoxy)Methane	U	7.5	ug/L	1	10	10.	2.1	7.5
2,4-Dichlorophenol	U	7.5	ug/L	1	10	10.	3.0	7.5
Caprolactam	U	7.5	ug/L	1	10	10.	0.40	7.5
4-Chloro-3-Methylphenol	U	7.5	ug/L	1	10	10.	3.6	7.5
2-Methylnaphthalene	U	7.5	ug/L	1	10	10.	3.2	7.5
2,4,5-Trichlorophenol	U	19	ug/L	1	25	25.	3.6	19.
2-Nitroaniline	U	19	ug/L	1	25	25.	1.8	19.
Dimethyl Phthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
3-Nitroaniline	U	19	ug/L	1	25	25.	1.5	19.
4-Nitrophenol	U	19	ug/L	1	25	25.	1.8	19.
Dibenzofuran	U	7.5	ug/L	1	10	10.	1.6	7.5
Diethylphthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
4-Chlorophenyl-Phenylether	U	7.5	ug/L	1	10	10.	2.2	7.5
4-Bromophenyl-Phenylether	U	7.5	ug/L	1	10	10.	1.9	7.5
Carbazole	U	7.5	ug/L	1	10	10.	2.1	7.5
Bis(2-Ethylhexyl)Phthalate	U	7.5	ug/L	1	10	10.	1.8	7.5
Di-N-Octylphthalate	U	7.5	ug/L	1	10	10.	1.8	7.5
Acenaphthylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Anthracene	U	7.5	ug/L	1	10	10.	1.7	7.5
Benzaldehyde	U	7.5	ug/L	1	10	10.	1.0	7.5
Benzo(g,h,i)perylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Benzo(k)fluoranthene	U	7.5	ug/L	1	10	10.	1.6	7.5
Chrysene	U	7.5	ug/L	1	10	10.	1.7	7.5
Dibenzo(a,h)anthracene	U	7.5	ug/L	1	10	10.	1.7	7.5
Fluoranthene	U	7.5	ug/L	1	10	10.	2.4	7.5
Fluorene	U	7.5	ug/L	1	10	10.	2.1	7.5
Hexachlorocyclopentadiene	U	7.5	ug/L	1	10	10.	1.2	7.5
Phenanthrene	U	7.5	ug/L	1	10	10.	2.4	7.5
Phenol	U	7.5	ug/L	1	10	10.	1.8	7.5
Pyrene	U	7.5	ug/L	1	10	10.	1.9	7.5
Isophorone	U	7.5	ug/L	1	10	10.	1.7	7.5
2-Fluorophenol		42.7	%					

Report of Analytical Results

Client:
Lab ID: WG145380-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6209.D

Sample Date:
Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol-d6		27.9	%					
Nitrobenzene-d5		66.0	%					
2-Fluorobiphenyl		69.2	%					
2,4,6-Tribromophenol		84.2	%					
Terphenyl-d14		79.5	%					

Report of Analytical Results

Client:
Lab ID: WG145277-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6210.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145277

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
Phenol	U	7.5	ug/L	1	10	10.	1.8	7.5
2-Methylphenol	U	7.5	ug/L	1	10	10.	3.8	7.5
Isophorone	U	7.5	ug/L	1	10	10.	1.7	7.5
2-Nitrophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
2,4-Dimethylphenol	U	7.5	ug/L	1	10	10.	4.4	7.5
4-Chloro-3-Methylphenol	U	7.5	ug/L	1	10	10.	3.6	7.5
2,4,5-Trichlorophenol	U	19	ug/L	1	25	25.	3.6	19.
2-Chloronaphthalene	U	7.5	ug/L	1	10	10.	2.9	7.5
Dimethyl Phthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
Diethylphthalate	U	7.5	ug/L	1	10	10.	2.0	7.5
N-Nitrosodiphenylamine	U	7.5	ug/L	1	10	10.	3.7	7.5
Carbazole	U	7.5	ug/L	1	10	10.	2.1	7.5
Di-N-Butylphthalate	U	7.5	ug/L	1	10	10.	2.5	7.5
Butylbenzylphthalate	U	7.5	ug/L	1	10	10.	1.9	7.5
Di-N-Octylphthalate	U	7.5	ug/L	1	10	10.	1.8	7.5
Acetophenone	U	7.5	ug/L	1	10	10.	3.9	7.5
Caprolactam	U	7.5	ug/L	1	10	10.	0.40	7.5
Benzaldehyde	U	7.5	ug/L	1	10	10.	1.0	7.5
2,3,4,6-Tetrachlorophenol	U	7.5	ug/L	1	10	10.	2.7	7.5
4-Bromophenyl-Phenylether	U	7.5	ug/L	1	10	10.	1.9	7.5
4-Chlorophenyl-Phenylether	U	7.5	ug/L	1	10	10.	2.2	7.5
4-Nitrophenol	U	19	ug/L	1	25	25.	1.8	19.
Acenaphthene	U	7.5	ug/L	1	10	10.	1.5	7.5
Acenaphthylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Anthracene	U	7.5	ug/L	1	10	10.	1.7	7.5
Fluorene	U	7.5	ug/L	1	10	10.	2.1	7.5
Fluoranthene	U	7.5	ug/L	1	10	10.	2.4	7.5
Benzo(g,h,i)perylene	U	7.5	ug/L	1	10	10.	1.5	7.5
Benzo(k)fluoranthene	U	7.5	ug/L	1	10	10.	1.6	7.5
Bis(2-Chloroethoxy)Methane	U	7.5	ug/L	1	10	10.	2.1	7.5
2-Fluorophenol		50.8	%					
Phenol-D6		33.5	%					
Nitrobenzene-d5		76.1	%					
2-Fluorobiphenyl		78.2	%					

Report of Analytical Results

Client:
Lab ID: WG145277-1
Client ID: Method Blank Sample
Project:
SDG: WE53-7
Lab File ID: U6210.D

Sample Date:
Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145277

Analysis Date: 30-JUN-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA
Report Date: 16-JUL-14

Compound	Qualifier	Result	Units	Dilution	LOQ	ADJ LOQ	ADJ MDL	ADJ LOD
2,4,6-Tribromophenol		89.4	%					
Terphenyl-d14		92.4	%					

Form 2

System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

Client Sample ID	Lab Sample ID	Col. ID	2FBP	#	2FP	#	NBZ	#	PHL	#	TBP	#	TPH	#
FTA-MW-5-061814	SH4401-10		64.1		28.2		62.6		19.4		76.2		79.5	
FTA-MW-203-061814	SH4401-12		61.8		27.1		55.1		19.0		81.7		75.7	
FTA-GW-DUP01-061814	SH4401-14		67.8		33.3		63.4		22.2		88.4		90.3	
FTA-MW-218-061814	SH4401-16		57.5		34.8		55.4		22.1		78.4		81.2	
FTA-MW-206-061814	SH4401-18		57.3		26.4		52.5		16.1		74.9		76.8	
FTA-MW-9-061714	SH4401-2		69.3		0.00	*	65.4		0.00	*	18.5	*	76.7	
FTA-MW-14-061714	SH4401-20		58.9		28.1		54.2		18.7		89.9		95.5	
FTA-MW-9-061714	SH4401-2RE		64.0		0.00	*	62.0		0.00	*	21.1	*	75.0	
FTA-MW-10-061714	SH4401-4		58.1		23.2		54.8		13.7		64.1		65.6	
FTA-MW-11-061714	SH4401-6		57.3		20.1		54.7		15.7		47.3		34.9	*
FTA-MW-11-061714	SH4401-6RE		69.6		38.4		64.6		26.2		83.9		86.8	
FTA-MW-12-061714	SH4401-8		65.4		14.5	*	61.3		9.06	*	36.4	*	89.8	
FTA-MW-12-061714	SH4401-8RE		68.9		24.9		64.0		16.1		70.3		102.	
FTA-SW-01-061914	SH4521-10		61.8		39.4		57.5		26.1		88.0		94.9	
FTA-SW-02-061914	SH4521-12		58.2		37.6		58.8		24.2		79.1		76.4	
FTA-SW-03-061914	SH4521-14		61.6		38.4		56.9		26.0		89.4		76.0	
FTA-SW-06-061914	SH4521-16		60.5		27.1		57.6		20.3		76.2		60.7	
FTA-SW-07-061914	SH4521-18		69.2		40.2		65.0		26.5		102.		74.3	
FTA-MW-208-061814	SH4521-2		58.0		31.8		54.5		19.7		78.9		88.9	
FTA-SW-08-061914	SH4521-20		61.5		37.4		58.0		25.0		88.6		67.1	
FTA-SW-DUP01-061914	SH4521-22		57.7		30.2		55.1		21.1		87.2		62.3	
FTA-SD-RB01-062014	SH4521-24		77.0		43.9		74.5		29.0		73.0		76.7	
FTA-MW-1-061814	SH4521-4		62.1		35.1		57.2		23.3		71.6		96.2	
FTA-GW-DUP02-061814	SH4521-6		72.3		40.9		68.3		26.8		88.9		89.5	
FTA-MW-210-061814	SH4521-8		66.9		33.7		59.6		21.9		101.		92.0	
Method Blank Sample	WG145277-1		78.2		50.8		76.1		33.5		89.4		92.4	
Laboratory Control S	WG145277-2		77.2		43.7		73.8		27.5		89.8		94.6	
Laboratory Control S	WG145277-3		80.0		45.7		75.9		29.8		99.8		103.	
Method Blank Sample	WG145380-1		69.2		42.7		66.0		27.9		84.2		79.5	
Laboratory Control S	WG145380-2		79.1		41.7		70.9		26.8		83.4		111.	
Laboratory Control S	WG145380-3		87.5		50.4		75.3		35.8		95.3		122.	
Matrix Spike	WG145380-4		75.2		42.6		67.3		28.8		95.9		90.4	
Matrix Spike Duplica	WG145380-5		69.8		36.8		59.8		25.9		92.9		92.5	
Matrix Spike	WG145380-6		82.1		45.0		75.0		31.4		102.		89.1	
Matrix Spike Duplica	WG145380-7		59.1		28.7		63.7		21.9		84.1		54.5	

Form 2
System Monitoring Compound Recovery

Lab Name: Katahdin Analytical Services
Lab Code: KAS

Project: NCTAMSLANT Cutler CTO WE53
SDG: WE53-7

Matrix: AQ

		QC Limits
2FBP	2-FLUOROBIPHENYL	50-110
2FP	2-FLUOROPHENOL	20-110
PHL	PHENOL-D6	10-115
TPH	TERPHENYL-D14	50-135
NBZ	NITROBENZENE-D5	40-110
TBP	2,4,6-TRIBROMOPHENOL	40-125

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

LCS/LCSD Recovery Report

LCS ID: WG145277-2
LCSD ID: WG145277-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6219.D

Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145277
LCSD File ID: U6220.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Phenol	100.	28.1	28.1	30.4	30.4	ug/L	8	30	0-115
2-Methylphenol	100.	58.9	58.9	60.7	60.7	ug/L	3	30	40-110
Isophorone	50.0	41.2	82.4	43.4	86.8	ug/L	5	30	50-110
2-Nitrophenol	100.	72.4	72.4	76.4	76.4	ug/L	5	30	40-115
2,4-Dimethylphenol	100.	65.9	65.9	70.0	70.0	ug/L	6	30	30-110
4-Chloro-3-Methylphenol	100.	77.4	77.4	86.8	86.8	ug/L	11	30	45-110
2,4,5-Trichlorophenol	100.	80.1	80.1	86.0	86.0	ug/L	7	30	50-110
2-Chloronaphthalene	50.0	25.6	51.2	27.4	54.8	ug/L	7	30	50-105
Dimethyl Phthalate	50.0	39.1	78.2	41.4	82.8	ug/L	6	30	25-125
Diethylphthalate	50.0	45.4	90.8	49.7	99.4	ug/L	9	30	40-120
N-Nitrosodiphenylamine	50.0	36.0	72.0	39.8	79.6	ug/L	10	30	50-110
Carbazole	50.0	45.6	91.2	50.0	100.	ug/L	9	30	50-115
Di-N-Butylphthalate	50.0	49.7	99.4	54.2	108.	ug/L	9	30	55-115
Butylbenzylphthalate	50.0	46.8	93.6	49.6	99.2	ug/L	6	30	45-115
Di-N-Octylphthalate	50.0	42.2	84.4	45.6	91.2	ug/L	8	30	35-135
Acetophenone	50.0	38.6	77.2	40.0	80.0	ug/L	4	30	49-102
Caprolactam	50.0	2.28	4.56*	4.00	8.00*	ug/L	55*	30	10-86
Benzaldehyde	50.0	79.2	158.	77.8	156.	ug/L	2	30	10-189
2,3,4,6-Tetrachlorophenol	100.	82.2	82.2	91.6	91.6	ug/L	11	30	49-119
4-Bromophenyl-Phenylether	50.0	44.0	88.0	47.9	95.8	ug/L	8	30	50-115
4-Chlorophenyl-Phenylether	50.0	44.0	88.0	48.6	97.2	ug/L	10	30	50-110
4-Nitrophenol	100.	34.4	34.4	42.9	42.9	ug/L	22	30	0-125
Acenaphthene	50.0	42.7	85.4	45.4	90.8	ug/L	6	30	45-110
Acenaphthylene	50.0	39.9	79.8	43.0	86.0	ug/L	7	30	50-105
Anthracene	50.0	46.0	92.0	50.6	101.	ug/L	10	30	67-112
Fluorene	50.0	45.2	90.4	48.8	97.6	ug/L	8	30	50-110
Fluoranthene	50.0	48.0	96.0	49.9	99.8	ug/L	4	30	55-115
Benzo(g,h,i)perylene	50.0	44.9	89.8	49.8	99.6	ug/L	10	30	40-125
Benzo(k)fluoranthene	50.0	45.9	91.8	50.0	100.	ug/L	8	30	45-125
Bis(2-Chloroethoxy)Methane	50.0	32.5	65.0	33.6	67.2	ug/L	3	30	45-105
2-Fluorophenol			43.7		45.7				20-110
Phenol-D6			27.5		29.8				10-115
Nitrobenzene-d5			73.8		75.9				40-110
2-Fluorobiphenyl			77.2		80.0				50-110

LCS/LCSD Recovery Report

LCS ID: WG145277-2
LCSD ID: WG145277-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6219.D

Received Date:
Extract Date: 23-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145277
LCSD File ID: U6220.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

2,4,6-Tribromophenol	89.8	99.8	40-125
Terphenyl-d14	94.6	103.	50-135

LCS/LCSD Recovery Report

LCS ID: WG145380-2
LCSD ID: WG145380-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6241.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
LCSD File ID: U6242.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
Phenol	100.	27.6	27.6	36.8	36.8	ug/L	28	30	0-115
2-Methylphenol	100.	56.8	56.8	65.7	65.7	ug/L	14	30	40-110
Isophorone	50.0	42.9	85.8	47.1	94.2	ug/L	9	30	50-110
2-Nitrophenol	100.	70.6	70.6	76.8	76.8	ug/L	8	30	40-115
2,4-Dimethylphenol	100.	66.5	66.5	72.7	72.7	ug/L	9	30	30-110
4-Chloro-3-Methylphenol	100.	79.0	79.0	89.9	89.9	ug/L	13	30	45-110
2,4,5-Trichlorophenol	100.	78.7	78.7	88.7	88.7	ug/L	12	30	50-110
2-Chloronaphthalene	50.0	25.8	51.6	28.4	56.8	ug/L	10	30	50-105
Dimethyl Phthalate	50.0	39.2	78.4	43.6	87.2	ug/L	11	30	25-125
Diethylphthalate	50.0	47.1	94.2	51.2	102.	ug/L	8	30	40-120
N-Nitrosodiphenylamine	50.0	41.2	82.4	43.7	87.4	ug/L	6	30	50-110
Carbazole	50.0	43.8	87.6	46.4	92.8	ug/L	6	30	50-115
Di-N-Butylphthalate	50.0	48.3	96.6	50.0	100.	ug/L	3	30	55-115
Butylbenzylphthalate	50.0	51.5	103.	55.6	111.	ug/L	8	30	45-115
Di-N-Octylphthalate	50.0	50.2	100.	53.1	106.	ug/L	6	30	35-135
Acetophenone	50.0	37.8	75.6	40.7	81.4	ug/L	7	30	49-102
Caprolactam	50.0	3.75	7.50*	5.61	11.2	ug/L	40*	30	10-86
Benzaldehyde	50.0	78.5	157.	91.9	184.	ug/L	16	30	10-189
2,3,4,6-Tetrachlorophenol	100.	82.6	82.6	93.8	93.8	ug/L	13	30	49-119
4-Bromophenyl-Phenylether	50.0	47.1	94.2	51.3	103.	ug/L	8	30	50-115
4-Chlorophenyl-Phenylether	50.0	45.7	91.4	51.1	102.	ug/L	11	30	50-110
4-Nitrophenol	100.	34.1	34.1	46.5	46.5	ug/L	31*	30	0-125
Acenaphthene	50.0	43.3	86.6	47.7	95.4	ug/L	10	30	45-110
Acenaphthylene	50.0	42.1	84.2	45.7	91.4	ug/L	8	30	50-105
Anthracene	50.0	48.2	96.4	52.1	104.	ug/L	8	30	67-112
Fluorene	50.0	46.6	93.2	51.8	104.	ug/L	10	30	50-110
Fluoranthene	50.0	40.3	80.6	42.3	84.6	ug/L	5	30	55-115
Benzo(g,h,i)perylene	50.0	43.2	86.4	43.6	87.2	ug/L	1	30	40-125
Benzo(k)fluoranthene	50.0	51.9	104.	52.2	104.	ug/L	0	30	45-125
Bis(2-Chloroethoxy)Methane	50.0	33.3	66.6	36.4	72.8	ug/L	9	30	45-105
2-Fluorophenol			41.7		50.4				20-110
Phenol-D6			26.8		35.8				10-115
Nitrobenzene-d5			70.9		75.3				40-110
2-Fluorobiphenyl			79.1		87.5				50-110

LCS/LCSD Recovery Report

LCS ID: WG145380-2
LCSD ID: WG145380-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6241.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
LCSD File ID: U6242.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

2,4,6-Tribromophenol	83.4	95.3	40-125
Terphenyl-d14	111.	122.	50-135

LCS/LCSD Recovery Report

LCS ID: WG145380-2
LCSD ID: WG145380-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6241.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
LCSD File ID: U6242.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

Compound	Spike Amt	LCS Conc	LCS Rec (%)	LCSD Conc	LCSD Rec (%)	Conc Units	RPD (%)	RPD Limit	Limits
2-Nitrophenol	100.	70.6	70.6	76.8	76.8	ug/L	8	30	40-115
2,4-Dimethylphenol	100.	66.5	66.5	72.7	72.7	ug/L	9	30	30-110
Bis(2-Chloroethoxy)Methane	50.0	33.3	66.6	36.4	72.8	ug/L	9	30	45-105
2,4-Dichlorophenol	100.	72.4	72.4	76.7	76.7	ug/L	6	30	50-105
Caprolactam	50.0	3.75	7.50*	5.61	11.2	ug/L	40*	30	10-86
4-Chloro-3-Methylphenol	100.	79.0	79.0	89.9	89.9	ug/L	13	30	45-110
2-Methylnaphthalene	50.0	35.8	71.6	38.8	77.6	ug/L	8	30	45-105
2,4,5-Trichlorophenol	100.	78.7	78.7	88.7	88.7	ug/L	12	30	50-110
2-Nitroaniline	50.0	37.1	74.2	42.6	85.2	ug/L	14	30	50-115
Dimethyl Phthalate	50.0	39.2	78.4	43.6	87.2	ug/L	11	30	25-125
3-Nitroaniline	50.0	33.4	66.8	38.1	76.2	ug/L	13	30	20-125
4-Nitrophenol	100.	34.1	34.1	46.5	46.5	ug/L	31*	30	0-125
Dibenzofuran	50.0	43.4	86.8	48.0	96.0	ug/L	10	30	55-105
Diethylphthalate	50.0	47.1	94.2	51.2	102.	ug/L	8	30	40-120
4-Chlorophenyl-Phenylether	50.0	45.7	91.4	51.1	102.	ug/L	11	30	50-110
4-Bromophenyl-Phenylether	50.0	47.1	94.2	51.3	103.	ug/L	8	30	50-115
Carbazole	50.0	43.8	87.6	46.4	92.8	ug/L	6	30	50-115
Bis(2-Ethylhexyl)Phthalate	50.0	51.2	102.	54.3	109.	ug/L	6	30	40-125
Di-N-Octylphthalate	50.0	50.2	100.	53.1	106.	ug/L	6	30	35-135
Acenaphthylene	50.0	42.1	84.2	45.7	91.4	ug/L	8	30	50-105
Anthracene	50.0	48.2	96.4	52.1	104.	ug/L	8	30	55-110
Benzaldehyde	50.0	78.5	157.	91.9	184.	ug/L	16	30	10-189
Benzo(g,h,i)perylene	50.0	43.2	86.4	43.6	87.2	ug/L	1	30	40-125
Benzo(k)fluoranthene	50.0	51.9	104.	52.2	104.	ug/L	0	30	45-125
Chrysene	50.0	51.5	103.	54.5	109.	ug/L	6	30	55-110
Dibenzo(a,h)anthracene	50.0	37.2	74.4	39.2	78.4	ug/L	5	30	40-125
Fluoranthene	50.0	40.3	80.6	42.3	84.6	ug/L	5	30	55-115
Fluorene	50.0	46.6	93.2	51.8	104.	ug/L	10	30	50-110
Hexachlorocyclopentadiene	50.0	22.7	45.4	25.2	50.4	ug/L	10	30	23-70
Phenanthrene	50.0	48.4	96.8	51.6	103.	ug/L	6	30	50-115
Phenol	100.	27.6	27.6	36.8	36.8	ug/L	28	30	0-115
Pyrene	50.0	63.9	128.	68.3	137.*	ug/L	7	30	50-130
Isophorone	50.0	42.9	85.8	47.1	94.2	ug/L	9	30	50-110
2-Fluorophenol			41.7		50.4				20-110

LCS/LCSD Recovery Report

LCS ID: WG145380-2
LCSD ID: WG145380-3
Project:
SDG: WE53-7
Report Date: 16-JUL-14
LCS File ID: U6241.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
LCSD File ID: U6242.D

Analysis Date: 01-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

Phenol-d6	26.8	35.8	10-115
Nitrobenzene-d5	70.9	75.3	40-110
2-Fluorobiphenyl	79.1	87.5	50-110
2,4,6-Tribromophenol	83.4	95.3	40-125
Terphenyl-d14	111.	122.	50-135

MS/MSD Recovery Report

MS ID: WG145380-4
MSD ID: WG145380-5
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: U6405.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
Report Date: 16-JUL-14
MSD File ID: U6406.D

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
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
Phenol	94.3	98.0	ug/L	U7.1	27.	25.	28.9	25.8	8	30	0-115
2-Methylphenol	94.3	98.0	ug/L	UMM7.1	U7.1	7.4	0*	0*	0	30	40-110
Isophorone	47.2	49.0	ug/L	U7.1	38.	34.	80.6	70.0	10	30	50-110
2-Nitrophenol	94.3	98.0	ug/L	U7.1	66.	62.	70.5	62.7	8	30	40-115
2,4-Dimethylphenol	94.3	98.0	ug/L	U7.1	56.	50.	59.7	51.2	11	30	30-110
4-Chloro-3-Methylphenol	94.3	98.0	ug/L	U7.1	80.	75.	85.1	76.3	7	30	45-110
2,4,5-Trichlorophenol	94.3	98.0	ug/L	U18	83.	81.	88.1	82.9	2	30	50-110
2-Chloronaphthalene	47.2	49.0	ug/L	UM7.1	24.	23.	51.7	47.3*	5	30	50-105
Dimethyl Phthalate	47.2	49.0	ug/L	U7.1	40.	40.	85.2	81.4	1	30	25-125
Diethylphthalate	47.2	49.0	ug/L	U7.1	47.	47.	98.8	95.1	0	30	40-120
N-Nitrosodiphenylamine	47.2	49.0	ug/L	U7.1	35.	37.	75.0	75.3	4	30	50-110
Carbazole	47.2	49.0	ug/L	U7.1	43.	43.	91.8	87.7	1	30	50-115
Di-N-Butylphthalate	47.2	49.0	ug/L	U7.1	47.	48.	99.8	97.9	2	30	55-115
Butylbenzylphthalate	47.2	49.0	ug/L	U7.1	43.	45.	90.7	92.4	6	30	45-115
Di-N-Octylphthalate	47.2	49.0	ug/L	U7.1	36.	39.	75.9	78.7	8	30	35-135
Acetophenone	47.2	49.0	ug/L	U7.1	34.	31.	72.7	63.2	10	30	49-102
Caprolactam	47.2	49.0	ug/L	ULM7.1	5.5	4.5	11.6	9.18*	20	30	10-86
Benzaldehyde	47.2	49.0	ug/L	U7.1	21.	12.	44.1	24.9	52*	30	10-189
2,3,4,6-Tetrachlorophenol	94.3	98.0	ug/L	U7.1	82.	83.	87.1	84.9	1	30	49-119
4-Bromophenyl-Phenylether	47.2	49.0	ug/L	U7.1	42.	44.	90.1	89.4	3	30	50-115
4-Chlorophenyl-Phenylether	47.2	49.0	ug/L	U7.1	44.	43.	92.4	88.3	1	30	50-110
4-Nitrophenol	94.3	98.0	ug/L	U18	41.	41.	43.0	41.9	1	30	0-125
Acenaphthene	47.2	49.0	ug/L	U7.1	39.	39.	82.9	79.2	1	30	45-110
Acenaphthylene	47.2	49.0	ug/L	U7.1	38.	36.	79.7	73.2	5	30	50-105
Anthracene	47.2	49.0	ug/L	U7.1	45.	46.	95.0	94.8	4	30	67-112
Fluorene	47.2	49.0	ug/L	U7.1	44.	44.	93.7	88.7	2	30	50-110
Fluoranthene	47.2	49.0	ug/L	U7.1	45.	45.	95.0	91.4	0	30	55-115
Benzo(g,h,i)perylene	47.2	49.0	ug/L	U7.1	51.	54.	109.	110.	5	30	40-125
Benzo(k)fluoranthene	47.2	49.0	ug/L	U7.1	42.	44.	89.7	89.8	4	30	45-125
Bis(2-Chloroethoxy)Methane	47.2	49.0	ug/L	U7.1	29.	26.	60.6	52.8	10	30	45-105
2-Fluorophenol							42.6	36.8			20-110
Phenol-D6							28.8	25.9			10-115
Nitrobenzene-d5							67.3	59.8			40-110

MS/MSD Recovery Report

MS ID: WG145380-4
MSD ID: WG145380-5
Sample ID: SH4521-8
Client ID: FTA-MW-210-061814
Project:
SDG: WE53-7
MS File ID: U6405.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
Report Date: 16-JUL-14
MSD File ID: U6406.D

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

2-Fluorobiphenyl	75.2	69.8	50-110
2,4,6-Tribromophenol	95.9	92.9	40-125
Terphenyl-d14	90.4	92.5	50-135

MS/MSD Recovery Report

MS ID: WG145380-6
MSD ID: WG145380-7
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: U6410.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
Report Date: 16-JUL-14
MSD File ID: U6411.D

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
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
Phenol	97.1	96.2	ug/L	U7.6	30.	21.	31.0	21.5	37*	30	0-115
2-Methylphenol	97.1	96.2	ug/L	UMM7.6	U7.3	7.2	0*	0*	0	30	40-110
Isophorone	48.5	48.1	ug/L	U7.6	41.	34.	83.8	70.3	18	30	50-110
2-Nitrophenol	97.1	96.2	ug/L	U7.6	73.	56.	74.9	58.1	26	30	40-115
2,4-Dimethylphenol	97.1	96.2	ug/L	U7.6	67.	49.	68.8	51.3	30	30	30-110
4-Chloro-3-Methylphenol	97.1	96.2	ug/L	U7.6	80.	59.	82.8	61.2	31*	30	45-110
2,4,5-Trichlorophenol	97.1	96.2	ug/L	U19	88.	69.	90.7	72.1	24	30	50-110
2-Chloronaphthalene	48.5	48.1	ug/L	UM7.6	27.	22.	54.8	46.0*	18	30	50-105
Dimethyl Phthalate	48.5	48.1	ug/L	U7.6	43.	29.	88.0	60.1	38*	30	25-125
Diethylphthalate	48.5	48.1	ug/L	U7.6	50.	41.	103.	86.1	19	30	40-120
N-Nitrosodiphenylamine	48.5	48.1	ug/L	U7.6	38.	34.	78.9	69.9	13	30	50-110
Carbazole	48.5	48.1	ug/L	U7.6	45.	42.	92.3	86.5	7	30	50-115
Di-N-Butylphthalate	48.5	48.1	ug/L	U7.6	50.	44.	102.	90.5	13	30	55-115
Butylbenzylphthalate	48.5	48.1	ug/L	U7.6	47.	42.	96.4	87.4	11	30	45-115
Di-N-Octylphthalate	48.5	48.1	ug/L	U7.6	40.	32.	82.0	67.0	21	30	35-135
Acetophenone	48.5	48.1	ug/L	U7.6	38.	32.	78.3	66.8	17	30	49-102
Caprolactam	48.5	48.1	ug/L	UL7.6	5.7	7.3	11.7	15.2	25	30	10-86
Benzaldehyde	48.5	48.1	ug/L	U7.6	24.	22.	49.2	45.8	8	30	10-189
2,3,4,6-Tetrachlorophenol	97.1	96.2	ug/L	U7.6	91.	71.	93.4	74.2	24	30	49-119
4-Bromophenyl-Phenylether	48.5	48.1	ug/L	U7.6	45.	38.	92.1	79.9	15	30	50-115
4-Chlorophenyl-Phenylether	48.5	48.1	ug/L	U7.6	47.	39.	97.0	80.3	20	30	50-110
4-Nitrophenol	97.1	96.2	ug/L	U19	44.	31.	45.1	32.0	35*	30	0-125
Acenaphthene	48.5	48.1	ug/L	U7.6	44.	38.	89.8	78.2	15	30	45-110
Acenaphthylene	48.5	48.1	ug/L	U7.6	40.	34.	82.8	71.1	16	30	50-105
Anthracene	48.5	48.1	ug/L	U7.6	46.	40.	93.7	82.8	13	30	67-112
Fluorene	48.5	48.1	ug/L	U7.6	48.	41.	98.0	85.3	15	30	50-110
Fluoranthene	48.5	48.1	ug/L	U7.6	46.	39.	95.6	80.9	18	30	55-115
Benzo(g,h,i)perylene	48.5	48.1	ug/L	U7.6	54.	42.	112.	86.7	26	30	40-125
Benzo(k)fluoranthene	48.5	48.1	ug/L	U7.6	47.	39.	97.4	82.0	18	30	45-125
Bis(2-Chloroethoxy)Methane	48.5	48.1	ug/L	U7.6	31.	25.	63.8	52.0	21	30	45-105
2-Fluorophenol							45.0	28.7			20-110
Phenol-D6							31.4	21.9			10-115
Nitrobenzene-d5							75.0	63.7			40-110

MS/MSD Recovery Report

MS ID: WG145380-6
MSD ID: WG145380-7
Sample ID: SH4521-14
Client ID: FTA-SW-03-061914
Project:
SDG: WE53-7
MS File ID: U6410.D

Received Date:
Extract Date: 25-JUN-14
Extracted By: AM
Extraction Method: SW846 3510
Lab Prep Batch: WG145380
Report Date: 16-JUL-14
MSD File ID: U6411.D

Analysis Date: 12-JUL-14
Analyst: JCG
Analysis Method: SW846 8270D
Matrix: AQ
% Solids: NA

2-Fluorobiphenyl	82.1	59.1	50-110
2,4,6-Tribromophenol	102.	84.1	40-125
Terphenyl-d14	89.1	54.5	50-135

Method Blank Summary

Lab Name : Katahdin Analytical Services	SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Lab Sample ID : WG145277-1
Lab File ID : U6210.D	Date Extracted : 23-JUN-14
Instrument ID : GCMS-U	Date Analyzed : 30-JUN-14
Matrix : AQ	Time Analyzed : 17:44

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	WG145277-2	U6219.D	07/01/14	00:14
Laboratory Control S	WG145277-3	U6220.D	07/01/14	00:57
FTA-MW-10-061714	SH4401-4	U6288.D	07/04/14	02:16
FTA-MW-9-061714	SH4401-2	U6384.D	07/11/14	13:07
FTA-MW-11-061714	SH4401-6	U6385.D	07/11/14	13:49
FTA-MW-12-061714	SH4401-8	U6386.D	07/11/14	14:32
FTA-MW-5-061814	SH4401-10	U6387.D	07/11/14	15:15
FTA-MW-203-061814	SH4401-12	U6388.D	07/11/14	15:58
FTA-GW-DUP01-061814	SH4401-14	U6389.D	07/11/14	16:41
FTA-MW-218-061814	SH4401-16	U6390.D	07/11/14	17:24
FTA-MW-206-061814	SH4401-18	U6391.D	07/11/14	18:07
FTA-MW-14-061714	SH4401-20	U6392.D	07/11/14	18:49

Method Blank Summary

Lab Name : Katahdin Analytical Services	SDG : WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Lab Sample ID : WG145380-1
Lab File ID : U6209.D	Date Extracted : 25-JUN-14
Instrument ID : GCMS-U	Date Analyzed : 30-JUN-14
Matrix : AQ	Time Analyzed : 17:00

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	WG145380-2	U6241.D	07/01/14	20:50
Laboratory Control S	WG145380-3	U6242.D	07/01/14	21:33
FTA-MW-208-061814	SH4521-2	U6393.D	07/11/14	19:32
FTA-MW-1-061814	SH4521-4	U6394.D	07/11/14	20:15
FTA-GW-DUP02-061814	SH4521-6	U6395.D	07/11/14	20:57
FTA-SW-01-061914	SH4521-10	U6396.D	07/11/14	21:40
FTA-MW-210-061814	SH4521-8	U6404.D	07/12/14	11:49
Matrix Spike	WG145380-4	U6405.D	07/12/14	12:32
Matrix Spike Duplica	WG145380-5	U6406.D	07/12/14	13:15
FTA-SW-02-061914	SH4521-12	U6408.D	07/12/14	14:40
FTA-SW-03-061914	SH4521-14	U6409.D	07/12/14	15:22
Matrix Spike	WG145380-6	U6410.D	07/12/14	16:05
Matrix Spike Duplica	WG145380-7	U6411.D	07/12/14	16:47
FTA-SW-06-061914	SH4521-16	U6412.D	07/12/14	17:30
FTA-SW-07-061914	SH4521-18	U6413.D	07/12/14	18:13
FTA-SW-08-061914	SH4521-20	U6414.D	07/12/14	18:55
FTA-SW-DUP01-061914	SH4521-22	U6415.D	07/12/14	19:38
FTA-SD-RB01-062014	SH4521-24	U6421.D	07/14/14	12:27
FTA-MW-9-061714	SH4401-2RE	U6422.D	07/14/14	13:10
FTA-MW-11-061714	SH4401-6RE	U6423.D	07/14/14	13:54
FTA-MW-12-061714	SH4401-8RE	U6424.D	07/14/14	14:37

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD163.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 30-JUN-14
Time Analyzed : 09:48

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	31.7	
68	Less than 2.0% of mass 69	0.4	1.08 ¹
69	Less than 100.0% of mass 198	38.3	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	44.6	
197	Less than 1.0% of mass 198	0.2	
198	Base Peak, 100% relative abundance	100	
199	5.0 - 9.0% of mass 198	6.7	
275	10.0 - 30.0% of mass 198	19.9	
365	1.0 - 100.0% of mass 198	2.3	
441	0.0 - 100.0% of mass 443	10.0	84.75 ²
442	40.0 - 100.0% of mass 198	62.4	
443	17.0 - 23.0% of mass 442	11.9	18.98 ³

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

2-Value is % mass 443

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	WG145667-4	U6200.D	06/30/14	10:09
Initial Calibration	WG145667-2	U6201.D	06/30/14	10:56
Initial Calibration	WG145667-3	U6202.D	06/30/14	11:40
Initial Calibration	WG145667-5	U6203.D	06/30/14	12:23
Initial Calibration	WG145667-6	U6204.D	06/30/14	13:06
Initial Calibration	WG145667-7	U6205.D	06/30/14	13:49
Independent Source	WG145667-8	U6206.D	06/30/14	14:32

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD164.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 30-JUN-14
Time Analyzed : 15:13

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	31.8	
68	Less than 2.0% of mass 69	0.4	1.02 ¹
69	Less than 100.0% of mass 198	37.8	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	44.5	
197	Less than 1.0% of mass 198	0.0	
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	21.5	
365	1.0 - 100.0% of mass 198	2.3	
441	0.0 - 100.0% of mass 443	13.1	84.54 ²
442	40.0 - 100.0% of mass 198	80.7	
443	17.0 - 23.0% of mass 442	15.4	19.12 ³

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

2-Value is % mass 443

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	WG145703-2	U6207.D	06/30/14	15:33
Method Blank Sample	WG145380-1	U6209.D	06/30/14	17:00
Method Blank Sample	WG145277-1	U6210.D	06/30/14	17:44
Laboratory Control S	WG145277-2	U6219.D	07/01/14	00:14
Laboratory Control S	WG145277-3	U6220.D	07/01/14	00:57

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD165.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 01-JUL-14
Time Analyzed : 13:13

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	30.5	
68	Less than 2.0% of mass 69	0.5	1.22 ¹
69	Less than 100.0% of mass 198	37.2	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	44.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100	
199	5.0 - 9.0% of mass 198	6.6	
275	10.0 - 30.0% of mass 198	20.0	
365	1.0 - 100.0% of mass 198	2.2	
441	0.0 - 100.0% of mass 443	11.9	85.31 ²
442	40.0 - 100.0% of mass 198	72.4	
443	17.0 - 23.0% of mass 442	13.9	19.25 ³

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

2-Value is % mass 443

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	WG145731-2	U6231.D	07/01/14	13:32
Laboratory Control S	WG145380-2	U6241.D	07/01/14	20:50
Laboratory Control S	WG145380-3	U6242.D	07/01/14	21:33

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD167.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 03-JUL-14
Time Analyzed : 10:12

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	46.7	
68	Less than 2.0% of mass 69	0.4	0.88 ¹
69	Less than 100.0% of mass 198	45.7	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	49.2	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100	
199	5.0 - 9.0% of mass 198	6.1	
275	10.0 - 30.0% of mass 198	22.3	
365	1.0 - 100.0% of mass 198	2.8	
441	0.0 - 100.0% of mass 443	10.8	86.35 ²
442	40.0 - 100.0% of mass 198	66.3	
443	17.0 - 23.0% of mass 442	12.5	18.82 ³

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

2-Value is % mass 443

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	WG145897-4	U6267.D	07/03/14	10:31
Initial Calibration	WG145897-2	U6268.D	07/03/14	11:17
Initial Calibration	WG145897-3	U6269.D	07/03/14	12:01
Initial Calibration	WG145897-5	U6270.D	07/03/14	12:46
Initial Calibration	WG145897-6	U6271.D	07/03/14	13:30
Initial Calibration	WG145897-7	U6272.D	07/03/14	14:15
Independent Source	WG145897-8	U6273.D	07/03/14	14:59

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD168.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 03-JUL-14
Time Analyzed : 15:42

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	48.8	
68	Less than 2.0% of mass 69	0.3	0.74 ¹
69	Less than 100.0% of mass 198	46.1	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	50.4	
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	6.5	
275	10.0 - 30.0% of mass 198	22.6	
365	1.0 - 100.0% of mass 198	3.2	
441	0.0 - 100.0% of mass 443	12.6	81.31 ²
442	40.0 - 100.0% of mass 198	81.7	
443	17.0 - 23.0% of mass 442	15.5	19.00 ³

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

2-Value is % mass 443

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	WG145924-2	U6274.D	07/03/14	16:01
FTA-MW-10-061714	SH4401-4	U6288.D	07/04/14	02:16

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD173.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 11-JUL-14
Time Analyzed : 10:21

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	43.2	
68	Less than 2.0% of mass 69	0.3	0.71 ¹
69	Less than 100.0% of mass 198	40.8	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	46.9	
197	Less than 1.0% of mass 198	0.0	
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	23.0	
365	1.0 - 100.0% of mass 198	2.5	
441	0.0 - 100.0% of mass 443	14.3	87.34 ²
442	40.0 - 100.0% of mass 198	86.3	
443	17.0 - 23.0% of mass 442	16.3	18.92 ³

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

2-Value is % mass 443

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	WG146330-2	U6381.D	07/11/14	10:40
FTA-MW-9-061714	SH4401-2	U6384.D	07/11/14	13:07
FTA-MW-11-061714	SH4401-6	U6385.D	07/11/14	13:49
FTA-MW-12-061714	SH4401-8	U6386.D	07/11/14	14:32
FTA-MW-5-061814	SH4401-10	U6387.D	07/11/14	15:15
FTA-MW-203-061814	SH4401-12	U6388.D	07/11/14	15:58
FTA-GW-DUP01-061814	SH4401-14	U6389.D	07/11/14	16:41
FTA-MW-218-061814	SH4401-16	U6390.D	07/11/14	17:24
FTA-MW-206-061814	SH4401-18	U6391.D	07/11/14	18:07
FTA-MW-14-061714	SH4401-20	U6392.D	07/11/14	18:49
FTA-MW-208-061814	SH4521-2	U6393.D	07/11/14	19:32
FTA-MW-1-061814	SH4521-4	U6394.D	07/11/14	20:15
FTA-GW-DUP02-061814	SH4521-6	U6395.D	07/11/14	20:57
FTA-SW-01-061914	SH4521-10	U6396.D	07/11/14	21:40

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD174.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 12-JUL-14
Time Analyzed : 07:57

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	47.6	
68	Less than 2.0% of mass 69	0.6	1.33 ¹
69	Less than 100.0% of mass 198	46.0	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	50.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100	
199	5.0 - 9.0% of mass 198	7.0	
275	10.0 - 30.0% of mass 198	23.2	
365	1.0 - 100.0% of mass 198	2.3	
441	0.0 - 100.0% of mass 443	11.8	85.17 ²
442	40.0 - 100.0% of mass 198	74.5	
443	17.0 - 23.0% of mass 442	13.9	18.63 ³

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

2-Value is % mass 443

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	WG146400-2	U6399.D	07/12/14	08:16
FTA-MW-210-061814	SH4521-8	U6404.D	07/12/14	11:49
Matrix Spike	WG145380-4	U6405.D	07/12/14	12:32
Matrix Spike Duplica	WG145380-5	U6406.D	07/12/14	13:15
FTA-SW-02-061914	SH4521-12	U6408.D	07/12/14	14:40
FTA-SW-03-061914	SH4521-14	U6409.D	07/12/14	15:22
Matrix Spike	WG145380-6	U6410.D	07/12/14	16:05
Matrix Spike Duplica	WG145380-7	U6411.D	07/12/14	16:47
FTA-SW-06-061914	SH4521-16	U6412.D	07/12/14	17:30
FTA-SW-07-061914	SH4521-18	U6413.D	07/12/14	18:13
FTA-SW-08-061914	SH4521-20	U6414.D	07/12/14	18:55
FTA-SW-DUP01-061914	SH4521-22	U6415.D	07/12/14	19:38

Form 5

Semivolatile Organic Instrument Performance Check

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab File ID : UD175.D
Instrument ID : GCMS-U

SDG : WE53-7
Date Analyzed : 14-JUL-14
Time Analyzed : 09:14

m/e	Ion Abundance Criteria	% Relative Abundance	
51	30.0 - 60.0% of mass 198	44.4	
68	Less than 2.0% of mass 69	0.6	1.54 ¹
69	Less than 100.0% of mass 198	40.2	
70	Less than 2.0% of mass 69	0.0	0.0 ¹
127	40.0 - 60.0% of mass 198	48.1	
197	Less than 1.0% of mass 198	0.0	
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	24.2	
365	1.0 - 100.0% of mass 198	2.6	
441	0.0 - 100.0% of mass 443	14.7	91.77 ²
442	40.0 - 100.0% of mass 198	84.8	
443	17.0 - 23.0% of mass 442	16.0	18.86 ³

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

2-Value is % mass 443

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	WG146446-2	U6417.D	07/14/14	09:35
FTA-SD-RB01-062014	SH4521-24	U6421.D	07/14/14	12:27
FTA-MW-9-061714	SH4401-2RE	U6422.D	07/14/14	13:10
FTA-MW-11-061714	SH4401-6RE	U6423.D	07/14/14	13:54
FTA-MW-12-061714	SH4401-8RE	U6424.D	07/14/14	14:37

Calibration Date(s): 30-JUN-14 10:09
30-JUN-14 13:49

Katahdin Analytical Services A0000212

Calibration Date(s): 30-JUN-14 10:09
30-JUN-14 13:49

Katahdin Analytical Services A0000213

Form 6 Initial Calibration Summary

Lab Name : Katahdin Analytical Services **SDG:** WE53-7
Project : NCTAMSLANT Cutler CTO WE53 **Instrument ID:** GCMS-U
Lab File IDs : U6201.D U6202.D U6200.D **Column ID:**
 U6203.D U6204.D U6205.D **Calibration Date(s):** 30-JUN-14 10:09
 30-JUN-14 13:49

2,4,6-Tribromophenol	0.17894	0.17643	0.18135	0.16194	0.15856	0.15750	AVG		0.16912		6.46192	15.00000	
Terphenyl-D14	0.92555	0.92317	0.81272	0.81855	0.83666	0.83233	AVG		0.85816		6.06195	15.00000	

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

Calibration Date(s): 03-JUL-14 10:31
03-JUL-14 14:15

Katahdin Analytical Services A0000215

Form 6
Initial Calibration Summary

Lab Name : Katahdin Analytical Services			SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53			Instrument ID: GCMS-U
Lab File IDs : U6268.D	U6269.D	U6267.D	Column ID:
U6270.D	U6271.D	U6272.D	Calibration Date(s): 03-JUL-14 10:31 03-JUL-14 14:15

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: GCMS-U		
Lab File IDs : U6268.D	U6269.D	U6267.D	Column ID:		
U6270.D	U6271.D	U6272.D	Calibration Date(s): 03-JUL-14 10:31 03-JUL-14 14:15		

	10.0000	25.0000	50.0000	75.0000	100.0000	125.0000	New	b	m1	m2	%RSD	Max %RSD	
	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Crv						
Benzaldehyde	0.85085	0.79250	0.80641	0.56791	0.49926	0.46216	AVG		0.66318		26.01345	15.00000	W
Phenol	1.54595	1.57600	1.69519	1.43415	1.40580	1.48201	AVG		1.52318		6.96637	30.00000	O
Isophorone	0.63373	0.63081	0.68631	0.59852	0.59049	0.62561	AVG		0.62758		5.39026	15.00000	O
2-Nitrophenol	0.17320	0.18125	0.19283	0.16954	0.16534	0.16847	AVG		0.17510		5.85696	30.00000	O
2,4-Dimethylphenol	0.33826	0.34194	0.36884	0.31579	0.31012	0.31614	AVG		0.33185		6.72256	15.00000	O
Bis(2-Chloroethoxy)methane	0.40160	0.46353	0.49053	0.41670	0.41138	0.41524	AVG		0.43316		8.17969	15.00000	O
2,4-Dichlorophenol	0.24077	0.25766	0.27063	0.22844	0.21916	0.22035	AVG		0.23950		8.76475	30.00000	O
Caprolactam	0.07888	0.08501	0.09643	0.08622	0.08193	0.09182	AVG		0.08672		7.43573	15.00000	O
4-Chloro-3-Methylphenol	0.27608	0.27749	0.31032	0.26330	0.24263	0.25414	AVG		0.27066		8.68439	30.00000	O
2-Methylnaphthalene	0.61128	0.60635	0.65469	0.54257	0.52970	0.53660	AVG		0.58020		8.81057	15.00000	O
Hexachlorocyclopentadiene	0.39528	0.42028	0.44017	0.34668	0.33700	0.29888	AVG		0.37305		14.54715	15.00000	O
2,4,5-Trichlorophenol	0.36481	0.38753	0.42818	0.36295	0.35219	0.35620	AVG		0.37531		7.63678	15.00000	O
2-Nitroaniline	0.40693	0.43638	0.48375	0.40718	0.40080	0.41247	AVG		0.42459		7.42322	15.00000	O
Dimethyl Phthalate	1.24624	1.22912	1.30438	1.06915	1.01472	1.01301	AVG		1.14610		11.23275	15.00000	O
Acenaphthylene	1.84781	1.88837	1.90762	1.56121	1.49773	1.44551	AVG		1.69138		12.54013	15.00000	O
3-Nitroaniline	0.29303	0.31699	0.35267	0.30599	0.29611	0.31358	AVG		0.31306		6.88535	15.00000	O
Dibenzofuran	1.43816	1.50524	1.55813	1.28499	1.24079	1.23152	AVG		1.37647		10.33442	15.00000	O
4-Nitrophenol	0.21406	0.23254	0.24969	0.20600	0.21118	0.20032	AVG		0.21897		8.49147	15.00000	O
Diethylphthalate	1.34195	1.33772	1.41534	1.15045	1.08512	1.05125	AVG		1.23031		12.47367	15.00000	O
Fluorene	1.19522	1.18078	1.25986	1.03631	0.98591	0.96385	AVG		1.10365		11.22048	15.00000	O
4-Chlorophenyl-phenylether	0.55749	0.55672	0.59159	0.48980	0.46890	0.47212	AVG		0.52277		9.99425	15.00000	O
4-Bromophenyl-phenylether	0.20340	0.19212	0.20973	0.18672	0.18306	0.18517	AVG		0.19337		5.60573	15.00000	O
Phenanthrene	1.07365	1.00832	1.04339	0.90467	0.87388	0.89720	AVG		0.96685		8.81820	15.00000	O
Anthracene	1.05657	0.98410	1.02318	0.84487	0.84566	0.81094	AVG		0.92755		11.42268	15.00000	O
Carbazole	0.82547	0.81157	0.80257	0.70131	0.72260	0.70585	AVG		0.76156		7.54744	15.00000	O
Fluoranthene	1.04609	0.95480	0.90557	0.77341	0.79144	0.75487	AVG		0.87103		13.40958	30.00000	O
Pyrene	1.49571	1.42405	1.46102	1.39879	1.36305	1.63046	AVG		1.46218		6.46962	15.00000	O
Chrysene	0.91838	0.91532	0.85565	0.82608	0.78468	0.83020	AVG		0.85505		6.19986	15.00000	O
bis(2-Ethylhexyl)phthalate	0.94891	0.91154	0.88531	0.86422	0.85682	0.94697	AVG		0.90229		4.44999	15.00000	O
Di-n-octylphthalate	2.13471	1.84301	1.92060	2.00945	2.00120	2.49856	AVG		2.06792		11.23875	30.00000	O
Benzo(k)fluoranthene	1.21791	1.12119	1.03689	1.03952	1.03256	1.07409	AVG		1.08703		6.65953	15.00000	O
Dibenzo(a,h)anthracene	0.44781	0.58138	0.52060	0.51946	0.50685	0.47548	AVG		0.50860		8.94764	15.00000	O
Benzo(g,h,i)perylene	0.52534	0.65602	0.57670	0.52307	0.51118	0.43973	AVG		0.53867		13.43366	15.00000	O
2-Fluorophenol	1.25458	1.26775	1.37365	1.18384	1.18840	1.22458	AVG		1.24880		5.59789	15.00000	
Phenol-D6	1.37940	1.37925	1.50192	1.33070	1.35434	1.38003	AVG		1.38761		4.27645	15.00000	
Nitrobenzene-D5	0.34353	0.34295	0.37342	0.32131	0.31824	0.32813	AVG		0.33793		6.02969	15.00000	
2-Fluorobiphenyl	1.21215	1.21681	1.24997	1.04409	1.02925	0.99629	AVG		1.12476		10.05275	15.00000	

Initial Calibration Summary

Lab Name : Katahdin Analytical Services

SDG: WE53-7

Project : NCTAMSLANT Cutler CTO WE53

Instrument ID: GCMS-U

Lab File IDs : U6268.D U6269.D U6267.D
U6270.D U6271.D U6272.D

Column ID:

Calibration Date(s): 03-JUL-14 10:31
03-JUL-14 14:15

2,4,6-Tribromophenol	0.21118	0.21054	0.22451	0.18747	0.17270	0.17847	AVG		0.19748		10.53619	15.00000
Terphenyl-D14	0.99031	0.93090	0.93673	0.90787	0.89943	1.08491	AVG		0.95836		7.27138	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

SDG: WE53-7

Lab ID : WG145703-2

Analytical Date: 06/30/14 15:33

Lab File ID : U6207.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
11 Benzaldehyde	0.13709	0.15574	0.15574	0.010	13.60479	20.00000	Averaged
15 Phenol	1.45953	1.55946	1.55946	0.010	6.84651	20.01000	Averaged
23 2-Methylphenol	1.11221	1.11965	1.11965	0.010	0.66851	20.00000	Averaged
27 Acetophenone	0.39105	0.39360	0.39360	0.010	0.65079	20.00000	Averaged
36 Isophorone	0.60343	0.60905	0.60905	0.010	0.93045	20.00000	Averaged
37 2-Nitrophenol	0.16860	0.16976	0.16976	0.010	0.68516	20.01000	Averaged
38 2,4-Dimethylphenol	0.30112	0.30198	0.30198	0.010	0.28542	20.00000	Averaged
40 Bis(2-Chloroethoxy)methane	0.42101	0.44820	0.44820	0.010	6.45920	20.00000	Averaged
52 Caprolactam	0.08549	0.08543	0.08543	0.010	-0.06566	20.00000	Averaged
54 4-Chloro-3-Methylphenol	0.24718	0.25937	0.25937	0.010	4.92908	20.01000	Averaged
62 2,4,5-Trichlorophenol	0.36428	0.37654	0.37654	0.010	3.36516	20.00000	Averaged
65 2-Chloronaphthalene	1.38266	1.38018	1.38018	0.010	-0.17914	20.00000	Averaged
73 Dimethyl Phthalate	1.09743	1.14459	1.14459	0.010	4.29794	20.00000	Averaged
75 Acenaphthylene	1.45382	1.50787	1.50787	0.010	3.71771	20.00000	Averaged
79 Acenaphthene	0.89526	0.90581	0.90581	0.010	1.17830	20.01000	Averaged
83 4-Nitrophenol	0.17437	0.16645	0.16645	0.050	-4.54133	20.00000	Averaged
87 2,3,4,6-Tetrachlorophenol	0.27022	0.26798	0.26798	0.010	-0.83066	20.00000	Averaged
89 Diethylphthalate	1.05998	1.08733	1.08733	0.010	2.58106	20.00000	Averaged
90 Fluorene	1.06303	1.08317	1.08317	0.010	1.89447	20.00000	Averaged
91 4-Chlorophenyl-phenylether	0.50511	0.51441	0.51441	0.010	1.84211	20.00000	Averaged
96 N-Nitrosodiphenylamine	0.59582	0.60034	0.60034	0.010	0.75765	20.01000	Averaged
105 4-Bromophenyl-phenylether	0.20525	0.21348	0.21348	0.010	4.01046	20.00000	Averaged
116 Anthracene	0.88053	0.88990	0.88990	0.010	1.06433	20.00000	Averaged
119 Carbazole	0.77103	0.76675	0.76675	0.010	-0.55542	20.00000	Averaged
121 Di-n-butylphthalate	1.07953	1.09094	1.09094	0.010	1.05719	20.00000	Averaged
126 Fluoranthene	0.85648	0.85013	0.85013	0.010	-0.74117	20.01000	Averaged
135 Butylbenzylphthalate	0.57980	0.57872	0.57872	0.010	-0.18703	20.00000	Averaged
144 Di-n-octylphthalate	1.66660	1.50987	1.50987	0.010	-9.40392	20.01000	Averaged
147 Benzo(k)fluoranthene	1.03188	0.99347	0.99347	0.010	-3.72174	20.00000	Averaged
155 Benzo(g,h,i)perylene	0.60567	0.65666	0.65666	0.010	8.41826	20.00000	Averaged
8 2-Fluorophenol	1.14155	1.18909	1.18909	0.010	4.16473	20.00000	Averaged
13 Phenol-D6	1.39852	1.44957	1.44957	0.010	3.65022	20.00000	Averaged
33 Nitrobenzene-D5	0.31827	0.31817	0.31817	0.010	-0.02906	20.00000	Averaged
63 2-Fluorobiphenyl	1.07589	1.09694	1.09694	0.010	1.95577	20.00000	Averaged
100 2,4,6-Tribromophenol	0.16912	0.17510	0.17510	0.010	3.53852	20.00000	Averaged
129 Terphenyl-D14	0.85816	0.92854	0.92854	0.010	8.20107	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab ID : WG145703-2
Lab File ID : U6207.D
Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49

SDG: WE53-7
Analytical Date: 06/30/14 15:33
Instrument ID: GCMS-U
Column ID:

* = 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 : WG145703-2

Analytical Date: 06/30/14 15:33

Lab File ID : U6207.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
11 Benzaldehyde	0.13709	0.15574	0.15574	0.010	13.60479	20.00000	Averaged
15 Phenol	1.45953	1.55946	1.55946	0.010	6.84651	20.01000	Averaged
36 Isophorone	0.60343	0.60905	0.60905	0.010	0.93045	20.00000	Averaged
37 2-Nitrophenol	0.16860	0.16976	0.16976	0.010	0.68516	20.01000	Averaged
38 2,4-Dimethylphenol	0.30112	0.30198	0.30198	0.010	0.28542	20.00000	Averaged
40 Bis(2-Chloroethoxy)methane	0.42101	0.44820	0.44820	0.010	6.45920	20.00000	Averaged
41 2,4-Dichlorophenol	0.26118	0.27149	0.27149	0.010	3.94831	20.01000	Averaged
52 Caprolactam	0.08549	0.08543	0.08543	0.010	-0.06566	20.00000	Averaged
54 4-Chloro-3-Methylphenol	0.24718	0.25937	0.25937	0.010	4.92908	20.01000	Averaged
56 2-Methylnaphthalene	0.56427	0.56576	0.56576	0.010	0.26511	20.00000	Averaged
60 Hexachlorocyclopentadiene	0.33576	0.34194	0.34194	0.050	1.84119	20.00000	Averaged
62 2,4,5-Trichlorophenol	0.36428	0.37654	0.37654	0.010	3.36516	20.00000	Averaged
69 2-Nitroaniline	0.30660	0.31308	0.31308	0.010	2.11416	20.00000	Averaged
73 Dimethyl Phthalate	1.09743	1.14459	1.14459	0.010	4.29794	20.00000	Averaged
75 Acenaphthylene	1.45382	1.50787	1.50787	0.010	3.71771	20.00000	Averaged
77 3-Nitroaniline	0.24653	0.24498	0.24498	0.010	-0.62672	20.00000	Averaged
82 Dibenzofuran	1.30756	1.33503	1.33503	0.010	2.10109	20.00000	Averaged
83 4-Nitrophenol	0.17437	0.16645	0.16645	0.050	-4.54133	20.00000	Averaged
89 Diethylphthalate	1.05998	1.08733	1.08733	0.010	2.58106	20.00000	Averaged
90 Fluorene	1.06303	1.08317	1.08317	0.010	1.89447	20.00000	Averaged
91 4-Chlorophenyl-phenylether	0.50511	0.51441	0.51441	0.010	1.84211	20.00000	Averaged
105 4-Bromophenyl-phenylether	0.20525	0.21348	0.21348	0.010	4.01046	20.00000	Averaged
115 Phenanthrene	0.91403	0.90509	0.90509	0.010	-0.97870	20.00000	Averaged
116 Anthracene	0.88053	0.88990	0.88990	0.010	1.06433	20.00000	Averaged
119 Carbazole	0.77103	0.76675	0.76675	0.010	-0.55542	20.00000	Averaged
126 Fluoranthene	0.85648	0.85013	0.85013	0.010	-0.74117	20.01000	Averaged
128 Pyrene	1.32839	1.44728	1.44728	0.010	8.94974	20.00000	Averaged
142 Chrysene	0.83327	0.83434	0.83434	0.010	0.12798	20.00000	Averaged
143 bis(2-Ethylhexyl)phthalate	0.79644	0.78305	0.78305	0.010	-1.68087	20.00000	Averaged
144 Di-n-octylphthalate	1.66660	1.50987	1.50987	0.010	-9.40392	20.01000	Averaged
147 Benzo(k)fluoranthene	1.03188	0.99347	0.99347	0.010	-3.72174	20.00000	Averaged
154 Dibenzo(a,h)anthracene	0.56907	0.59083	0.59083	0.010	3.82291	20.00000	Averaged
155 Benzo(g,h,i)perylene	0.60567	0.65666	0.65666	0.010	8.41826	20.00000	Averaged
8 2-Fluorophenol	1.14155	1.18909	1.18909	0.010	4.16473	20.00000	Averaged
13 Phenol-D6	1.39852	1.44957	1.44957	0.010	3.65022	20.00000	Averaged
33 Nitrobenzene-D5	0.31827	0.31817	0.31817	0.010	-0.02906	20.00000	Averaged
63 2-Fluorobiphenyl	1.07589	1.09694	1.09694	0.010	1.95577	20.00000	Averaged
100 2,4,6-Tribromophenol	0.16912	0.17510	0.17510	0.010	3.53852	20.00000	Averaged
129 Terphenyl-D14	0.85816	0.92854	0.92854	0.010	8.20107	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 06/30/14 15:33
Lab ID : WG145703-2	Instrument ID: GCMS-U
Lab File ID : U6207.D	Column ID:
Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49	

* = 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 : WG145731-2

Analytical Date: 07/01/14 13:32

Lab File ID : U6231.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
11 Benzaldehyde	0.13709	0.14731	0.14731	0.010	7.46012	20.00000	Averaged
15 Phenol	1.45953	1.66962	1.66962	0.010	14.39388	20.01000	Averaged
23 2-Methylphenol	1.11221	1.22010	1.22010	0.010	9.70027	20.00000	Averaged
27 Acetophenone	0.39105	0.43549	0.43549	0.010	11.36291	20.00000	Averaged
36 Isophorone	0.60343	0.67892	0.67892	0.010	12.50947	20.00000	Averaged
37 2-Nitrophenol	0.16860	0.18706	0.18706	0.010	10.94714	20.01000	Averaged
38 2,4-Dimethylphenol	0.30112	0.32656	0.32656	0.010	8.44764	20.00000	Averaged
40 Bis(2-Chloroethoxy)methane	0.42101	0.50522	0.50522	0.010	20.00318	20.00000	Averaged *
52 Caprolactam	0.08549	0.09581	0.09581	0.010	12.06775	20.00000	Averaged
54 4-Chloro-3-Methylphenol	0.24718	0.28454	0.28454	0.010	15.11186	20.01000	Averaged
62 2,4,5-Trichlorophenol	0.36428	0.42237	0.42237	0.010	15.94626	20.00000	Averaged
65 2-Chloronaphthalene	1.38266	1.52531	1.52531	0.010	10.31732	20.00000	Averaged
73 Dimethyl Phthalate	1.09743	1.23280	1.23280	0.010	12.33575	20.00000	Averaged
75 Acenaphthylene	1.45382	1.68884	1.68884	0.010	16.16599	20.00000	Averaged
79 Acenaphthene	0.89526	1.03839	1.03839	0.010	15.98752	20.01000	Averaged
83 4-Nitrophenol	0.17437	0.17288	0.17288	0.050	-0.85471	20.00000	Averaged
87 2,3,4,6-Tetrachlorophenol	0.27022	0.28793	0.28793	0.010	6.55528	20.00000	Averaged
89 Diethylphthalate	1.05998	1.17950	1.17950	0.010	11.27593	20.00000	Averaged
90 Fluorene	1.06303	1.20407	1.20407	0.010	13.26855	20.00000	Averaged
91 4-Chlorophenyl-phenylether	0.50511	0.55596	0.55596	0.010	10.06774	20.00000	Averaged
96 N-Nitrosodiphenylamine	0.59582	0.68278	0.68278	0.010	14.59431	20.01000	Averaged
105 4-Bromophenyl-phenylether	0.20525	0.22997	0.22997	0.010	12.04289	20.00000	Averaged
116 Anthracene	0.88053	0.96016	0.96016	0.010	9.04395	20.00000	Averaged
119 Carbazole	0.77103	0.75285	0.75285	0.010	-2.35751	20.00000	Averaged
121 Di-n-butylphthalate	1.07953	1.05932	1.05932	0.010	-1.87166	20.00000	Averaged
126 Fluoranthene	0.85648	0.78159	0.78159	0.010	-8.74300	20.01000	Averaged
135 Butylbenzylphthalate	0.57980	0.65472	0.65472	0.010	12.92189	20.00000	Averaged
144 Di-n-octylphthalate	1.66660	1.94710	1.94710	0.010	16.83093	20.01000	Averaged
147 Benzo(k)fluoranthene	1.03188	1.13452	1.13452	0.010	9.94695	20.00000	Averaged
155 Benzo(g,h,i)perylene	0.60567	0.60554	0.60554	0.010	-0.02257	20.00000	Averaged
8 2-Fluorophenol	1.14155	1.29229	1.29229	0.010	13.20448	20.00000	Averaged
13 Phenol-D6	1.39852	1.53388	1.53388	0.010	9.67862	20.00000	Averaged
33 Nitrobenzene-D5	0.31827	0.34638	0.34638	0.010	8.83355	20.00000	Averaged
63 2-Fluorobiphenyl	1.07589	1.20810	1.20810	0.010	12.28842	20.00000	Averaged
100 2,4,6-Tribromophenol	0.16912	0.17418	0.17418	0.010	2.99110	20.00000	Averaged
129 Terphenyl-D14	0.85816	0.97354	0.97354	0.010	13.44500	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/01/14 13:32
Lab ID : WG145731-2	Instrument ID: GCMS-U
Lab File ID : U6231.D	Column ID:
Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49	

* = 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 : WG145731-2

Analytical Date: 07/01/14 13:32

Lab File ID : U6231.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
11 Benzaldehyde	0.13709	0.14731	0.14731	0.010	7.46012	20.00000	Averaged
15 Phenol	1.45953	1.66962	1.66962	0.010	14.39388	20.01000	Averaged
36 Isophorone	0.60343	0.67892	0.67892	0.010	12.50947	20.00000	Averaged
37 2-Nitrophenol	0.16860	0.18706	0.18706	0.010	10.94714	20.01000	Averaged
38 2,4-Dimethylphenol	0.30112	0.32656	0.32656	0.010	8.44764	20.00000	Averaged
40 Bis(2-Chloroethoxy)methane	0.42101	0.50522	0.50522	0.010	20.00318	20.00000	Averaged *
41 2,4-Dichlorophenol	0.26118	0.29394	0.29394	0.010	12.54222	20.01000	Averaged
52 Caprolactam	0.08549	0.09581	0.09581	0.010	12.06775	20.00000	Averaged
54 4-Chloro-3-Methylphenol	0.24718	0.28454	0.28454	0.010	15.11186	20.01000	Averaged
56 2-Methylnaphthalene	0.56427	0.62014	0.62014	0.010	9.90173	20.00000	Averaged
60 Hexachlorocyclopentadiene	0.33576	0.36346	0.36346	0.050	8.24890	20.00000	Averaged
62 2,4,5-Trichlorophenol	0.36428	0.42237	0.42237	0.010	15.94626	20.00000	Averaged
69 2-Nitroaniline	0.30660	0.34215	0.34215	0.010	11.59816	20.00000	Averaged
73 Dimethyl Phthalate	1.09743	1.23280	1.23280	0.010	12.33575	20.00000	Averaged
75 Acenaphthylene	1.45382	1.68884	1.68884	0.010	16.16599	20.00000	Averaged
77 3-Nitroaniline	0.24653	0.26168	0.26168	0.010	6.14774	20.00000	Averaged
82 Dibenzofuran	1.30756	1.49842	1.49842	0.010	14.59687	20.00000	Averaged
83 4-Nitrophenol	0.17437	0.17288	0.17288	0.050	-0.85471	20.00000	Averaged
89 Diethylphthalate	1.05998	1.17950	1.17950	0.010	11.27593	20.00000	Averaged
90 Fluorene	1.06303	1.20407	1.20407	0.010	13.26855	20.00000	Averaged
91 4-Chlorophenyl-phenylether	0.50511	0.55596	0.55596	0.010	10.06774	20.00000	Averaged
105 4-Bromophenyl-phenylether	0.20525	0.22997	0.22997	0.010	12.04289	20.00000	Averaged
115 Phenanthrene	0.91403	0.98340	0.98340	0.010	7.58918	20.00000	Averaged
116 Anthracene	0.88053	0.96016	0.96016	0.010	9.04395	20.00000	Averaged
119 Carbazole	0.77103	0.75285	0.75285	0.010	-2.35751	20.00000	Averaged
126 Fluoranthene	0.85648	0.78159	0.78159	0.010	-8.74300	20.01000	Averaged
128 Pyrene	1.32839	1.58883	1.58883	0.010	19.60545	20.00000	Averaged
142 Chrysene	0.83327	0.94435	0.94435	0.010	13.33021	20.00000	Averaged
143 bis(2-Ethylhexyl)phthalate	0.79644	0.92563	0.92563	0.010	16.22138	20.00000	Averaged
144 Di-n-octylphthalate	1.66660	1.94710	1.94710	0.010	16.83093	20.01000	Averaged
147 Benzo(k)fluoranthene	1.03188	1.13452	1.13452	0.010	9.94695	20.00000	Averaged
154 Dibenzo(a,h)anthracene	0.56907	0.54665	0.54665	0.010	-3.93897	20.00000	Averaged
155 Benzo(g,h,i)perylene	0.60567	0.60554	0.60554	0.010	-0.02257	20.00000	Averaged
8 2-Fluorophenol	1.14155	1.29229	1.29229	0.010	13.20448	20.00000	Averaged
13 Phenol-D6	1.39852	1.53388	1.53388	0.010	9.67862	20.00000	Averaged
33 Nitrobenzene-D5	0.31827	0.34638	0.34638	0.010	8.83355	20.00000	Averaged
63 2-Fluorobiphenyl	1.07589	1.20810	1.20810	0.010	12.28842	20.00000	Averaged
100 2,4,6-Tribromophenol	0.16912	0.17418	0.17418	0.010	2.99110	20.00000	Averaged
129 Terphenyl-D14	0.85816	0.97354	0.97354	0.010	13.44500	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/01/14 13:32
Lab ID : WG145731-2	Instrument ID: GCMS-U
Lab File ID : U6231.D	Column ID:
Initial Calibration Date(s): 06/30/14 10:09 06/30/14 13:49	

* = 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 : WG145924-2

Analytical Date: 07/03/14 16:01

Lab File ID : U6274.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type
11 Benzaldehyde	0.66318	0.74182	0.74182	0.010	11.85663	20.00000	Averaged
15 Phenol	1.52318	1.66786	1.66786	0.010	9.49821	20.01000	Averaged
23 2-Methylphenol	1.20141	1.29530	1.29530	0.010	7.81524	20.00000	Averaged
27 Acetophenone	0.43436	0.47206	0.47206	0.010	8.67733	20.00000	Averaged
36 Isophorone	0.62758	0.69278	0.69278	0.010	10.38922	20.00000	Averaged
37 2-Nitrophenol	0.17510	0.19186	0.19186	0.010	9.56944	20.01000	Averaged
38 2,4-Dimethylphenol	0.33185	0.35940	0.35940	0.010	8.30160	20.00000	Averaged
40 Bis(2-Chloroethoxy)methane	0.43316	0.49012	0.49012	0.010	13.14875	20.00000	Averaged
52 Caprolactam	0.08672	0.09064	0.09064	0.010	4.51844	20.00000	Averaged
54 4-Chloro-3-Methylphenol	0.27066	0.29640	0.29640	0.010	9.51148	20.01000	Averaged
62 2,4,5-Trichlorophenol	0.37531	0.42065	0.42065	0.010	12.08127	20.00000	Averaged
65 2-Chloronaphthalene	1.46273	1.66609	1.66609	0.010	13.90325	20.00000	Averaged
73 Dimethyl Phthalate	1.14610	1.30412	1.30412	0.010	13.78766	20.00000	Averaged
75 Acenaphthylene	1.69138	1.92458	1.92458	0.010	13.78795	20.00000	Averaged
79 Acenaphthene	1.03549	1.16615	1.16615	0.010	12.61731	20.01000	Averaged
83 4-Nitrophenol	0.21897	0.25792	0.25792	0.050	17.78753	20.00000	Averaged
87 2,3,4,6-Tetrachlorophenol	0.29433	0.32565	0.32565	0.010	10.64284	20.00000	Averaged
89 Diethylphthalate	1.23031	1.38223	1.38223	0.010	12.34814	20.00000	Averaged
90 Fluorene	1.10365	1.24309	1.24309	0.010	12.63367	20.00000	Averaged
91 4-Chlorophenyl-phenylether	0.52277	0.58456	0.58456	0.010	11.81989	20.00000	Averaged
96 N-Nitrosodiphenylamine	0.53930	0.58233	0.58233	0.010	7.97971	20.01000	Averaged
105 4-Bromophenyl-phenylether	0.19337	0.20840	0.20840	0.010	7.77576	20.00000	Averaged
116 Anthracene	0.92755	1.00823	1.00823	0.010	8.69824	20.00000	Averaged
119 Carbazole	0.76156	0.84011	0.84011	0.010	10.31452	20.00000	Averaged
121 Di-n-butylphthalate	1.17653	1.24919	1.24919	0.010	6.17603	20.00000	Averaged
126 Fluoranthene	0.87103	0.93211	0.93211	0.010	7.01266	20.01000	Averaged
135 Butylbenzylphthalate	0.67069	0.62561	0.62561	0.010	-6.72149	20.00000	Averaged
144 Di-n-octylphthalate	2.06792	1.71322	1.71322	0.010	-17.15238	20.01000	Averaged
147 Benzo(k)fluoranthene	1.08703	0.99555	0.99555	0.010	-8.41575	20.00000	Averaged
155 Benzo(g,h,i)perylene	0.53867	0.60661	0.60661	0.010	12.61224	20.00000	Averaged
8 2-Fluorophenol	1.24880	1.39427	1.39427	0.010	11.64847	20.00000	Averaged
13 Phenol-D6	1.38761	1.52154	1.52154	0.010	9.65243	20.00000	Averaged
33 Nitrobenzene-D5	0.33793	0.37012	0.37012	0.010	9.52455	20.00000	Averaged
63 2-Fluorobiphenyl	1.12476	1.30074	1.30074	0.010	15.64586	20.00000	Averaged
100 2,4,6-Tribromophenol	0.19748	0.22396	0.22396	0.010	13.40842	20.00000	Averaged
129 Terphenyl-D14	0.95836	0.89668	0.89668	0.010	-6.43605	20.00000	Averaged

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/03/14 16:01
Lab ID : WG145924-2	Instrument ID: GCMS-U
Lab File ID : U6274.D	Column ID:
Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15	

* = Compound out of QC criteria

Form 7

Calibration Verification Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WE53

Lab ID : WG146330-2

Lab File ID : U6381.D

SDG: WE53-7

Analytical Date: 07/11/14 10:40

Instrument ID: GCMS-U

Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
11 Benzaldehyde	0.66318	0.13535	0.13535	0.010	-79.59047	20.00000	Averaged	*
15 Phenol	1.52318	1.55627	1.55627	0.010	2.17251	20.01000	Averaged	
23 2-Methylphenol	1.20141	1.24740	1.24740	0.010	3.82816	20.00000	Averaged	
27 Acetophenone	0.43436	0.42953	0.42953	0.010	-1.11323	20.00000	Averaged	
36 Isophorone	0.62758	0.63868	0.63868	0.010	1.76808	20.00000	Averaged	
37 2-Nitrophenol	0.17510	0.17941	0.17941	0.010	2.45878	20.01000	Averaged	
38 2,4-Dimethylphenol	0.33185	0.33631	0.33631	0.010	1.34525	20.00000	Averaged	
40 Bis(2-Chloroethoxy)methane	0.43316	0.45722	0.45722	0.010	5.55353	20.00000	Averaged	
52 Caprolactam	0.08672	0.09965	0.09965	0.010	14.91911	20.00000	Averaged	
54 4-Chloro-3-Methylphenol	0.27066	0.29965	0.29965	0.010	10.70939	20.01000	Averaged	
62 2,4,5-Trichlorophenol	0.37531	0.39357	0.39357	0.010	4.86505	20.00000	Averaged	
65 2-Chloronaphthalene	1.46273	1.44675	1.44675	0.010	-1.09251	20.00000	Averaged	
73 Dimethyl Phthalate	1.14610	1.25055	1.25055	0.010	9.11301	20.00000	Averaged	
75 Acenaphthylene	1.69138	1.72803	1.72803	0.010	2.16698	20.00000	Averaged	
79 Acenaphthene	1.03549	1.06470	1.06470	0.010	2.82033	20.01000	Averaged	
83 4-Nitrophenol	0.21897	0.25743	0.25743	0.050	17.56746	20.00000	Averaged	
87 2,3,4,6-Tetrachlorophenol	0.29433	0.31844	0.31844	0.010	8.19489	20.00000	Averaged	
89 Diethylphthalate	1.23031	1.37881	1.37881	0.010	12.07073	20.00000	Averaged	
90 Fluorene	1.10365	1.16460	1.16460	0.010	5.52201	20.00000	Averaged	
91 4-Chlorophenyl-phenylether	0.52277	0.56466	0.56466	0.010	8.01262	20.00000	Averaged	
96 N-Nitrosodiphenylamine	0.53930	0.53297	0.53297	0.010	-1.17325	20.01000	Averaged	
105 4-Bromophenyl-phenylether	0.19337	0.18982	0.18982	0.010	-1.83413	20.00000	Averaged	
116 Anthracene	0.92755	0.92749	0.92749	0.010	-0.00711	20.00000	Averaged	
119 Carbazole	0.76156	0.78740	0.78740	0.010	3.39271	20.00000	Averaged	
121 Di-n-butylphthalate	1.17653	1.20849	1.20849	0.010	2.71697	20.00000	Averaged	
126 Fluoranthene	0.87103	0.87880	0.87880	0.010	0.89194	20.01000	Averaged	
135 Butylbenzylphthalate	0.67069	0.68099	0.68099	0.010	1.53622	20.00000	Averaged	
144 Di-n-octylphthalate	2.06792	2.01437	2.01437	0.010	-2.58973	20.01000	Averaged	
147 Benzo(k)fluoranthene	1.08703	1.07374	1.07374	0.010	-1.22207	20.00000	Averaged	
155 Benzo(g,h,i)perylene	0.53867	0.55883	0.55883	0.010	3.74196	20.00000	Averaged	
8 2-Fluorophenol	1.24880	1.24871	1.24871	0.010	-0.00708	20.00000	Averaged	
13 Phenol-D6	1.38761	1.43519	1.43519	0.010	3.42952	20.00000	Averaged	
33 Nitrobenzene-D5	0.33793	0.33427	0.33427	0.010	-1.08381	20.00000	Averaged	
63 2-Fluorobiphenyl	1.12476	1.10826	1.10826	0.010	-1.46707	20.00000	Averaged	
100 2,4,6-Tribromophenol	0.19748	0.23072	0.23072	0.010	16.83379	20.00000	Averaged	
129 Terphenyl-D14	0.95836	0.97829	0.97829	0.010	2.08022	20.00000	Averaged	

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/11/14 10:40
Lab ID : WG146330-2	Instrument ID: GCMS-U
Lab File ID : U6381.D	Column ID:
Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15	

* = Compound out of QC criteria

Form 7

Calibration Verification Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WE53

Lab ID : WG146400-2

Lab File ID : U6399.D

SDG: WE53-7

Analytical Date: 07/12/14 08:16

Instrument ID: GCMS-U

Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
11 Benzaldehyde	0.66318	0.11889	0.11889	0.010	-82.07286	20.00000	Averaged	*
15 Phenol	1.52318	1.51601	1.51601	0.010	-0.47068	20.01000	Averaged	
23 2-Methylphenol	1.20141	1.24242	1.24242	0.010	3.41327	20.00000	Averaged	
27 Acetophenone	0.43436	0.43780	0.43780	0.010	0.79006	20.00000	Averaged	
36 Isophorone	0.62758	0.62809	0.62809	0.010	0.08107	20.00000	Averaged	
37 2-Nitrophenol	0.17510	0.17806	0.17806	0.010	1.68602	20.01000	Averaged	
38 2,4-Dimethylphenol	0.33185	0.34029	0.34029	0.010	2.54477	20.00000	Averaged	
40 Bis(2-Chloroethoxy)methane	0.43316	0.46089	0.46089	0.010	6.40065	20.00000	Averaged	
52 Caprolactam	0.08672	0.09236	0.09236	0.010	6.50524	20.00000	Averaged	
54 4-Chloro-3-Methylphenol	0.27066	0.28730	0.28730	0.010	6.14648	20.01000	Averaged	
62 2,4,5-Trichlorophenol	0.37531	0.39617	0.39617	0.010	5.55947	20.00000	Averaged	
65 2-Chloronaphthalene	1.46273	1.49163	1.49163	0.010	1.97596	20.00000	Averaged	
73 Dimethyl Phthalate	1.14610	1.24242	1.24242	0.010	8.40409	20.00000	Averaged	
75 Acenaphthylene	1.69138	1.78965	1.78965	0.010	5.81023	20.00000	Averaged	
79 Acenaphthene	1.03549	1.08634	1.08634	0.010	4.91054	20.01000	Averaged	
83 4-Nitrophenol	0.21897	0.26643	0.26643	0.050	21.67710	20.00000	Averaged	
87 2,3,4,6-Tetrachlorophenol	0.29433	0.32246	0.32246	0.010	9.56078	20.00000	Averaged	
89 Diethylphthalate	1.23031	1.37813	1.37813	0.010	12.01560	20.00000	Averaged	
90 Fluorene	1.10365	1.19815	1.19815	0.010	8.56227	20.00000	Averaged	
91 4-Chlorophenyl-phenylether	0.52277	0.56636	0.56636	0.010	8.33764	20.00000	Averaged	
96 N-Nitrosodiphenylamine	0.53930	0.53121	0.53121	0.010	-1.49934	20.01000	Averaged	
105 4-Bromophenyl-phenylether	0.19337	0.19362	0.19362	0.010	0.12846	20.00000	Averaged	
116 Anthracene	0.92755	0.94949	0.94949	0.010	2.36476	20.00000	Averaged	
119 Carbazole	0.76156	0.79429	0.79429	0.010	4.29767	20.00000	Averaged	
121 Di-n-butylphthalate	1.17653	1.26658	1.26658	0.010	7.65417	20.00000	Averaged	
126 Fluoranthene	0.87103	0.92250	0.92250	0.010	5.90961	20.01000	Averaged	
135 Butylbenzylphthalate	0.67069	0.72593	0.72593	0.010	8.23547	20.00000	Averaged	
144 Di-n-octylphthalate	2.06792	2.03584	2.03584	0.010	-1.55136	20.01000	Averaged	
147 Benzo(k)fluoranthene	1.08703	1.08801	1.08801	0.010	0.09062	20.00000	Averaged	
155 Benzo(g,h,i)perylene	0.53867	0.60293	0.60293	0.010	11.92854	20.00000	Averaged	
8 2-Fluorophenol	1.24880	1.26787	1.26787	0.010	1.52716	20.00000	Averaged	
13 Phenol-D6	1.38761	1.41362	1.41362	0.010	1.87495	20.00000	Averaged	
33 Nitrobenzene-D5	0.33793	0.33700	0.33700	0.010	-0.27686	20.00000	Averaged	
63 2-Fluorobiphenyl	1.12476	1.14572	1.14572	0.010	1.86322	20.00000	Averaged	
100 2,4,6-Tribromophenol	0.19748	0.23284	0.23284	0.010	17.90562	20.00000	Averaged	
129 Terphenyl-D14	0.95836	1.04522	1.04522	0.010	9.06361	20.00000	Averaged	

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/12/14 08:16
Lab ID : WG146400-2	Instrument ID: GCMS-U
Lab File ID : U6399.D	Column ID:
Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15	

* = Compound out of QC criteria

Form 7

Calibration Verification Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WE53

Lab ID : WG146446-2

Lab File ID : U6417.D

SDG: WE53-7

Analytical Date: 07/14/14 09:35

Instrument ID: GCMS-U

Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
11 Benzaldehyde	0.66318	0.07551	0.07551	0.010	-88.61351	20.00000	Averaged	*
15 Phenol	1.52318	1.51855	1.51855	0.010	-0.30414	20.01000	Averaged	
23 2-Methylphenol	1.20141	1.19016	1.19016	0.010	-0.93620	20.00000	Averaged	
27 Acetophenone	0.43436	0.42876	0.42876	0.010	-1.28996	20.00000	Averaged	
36 Isophorone	0.62758	0.61714	0.61714	0.010	-1.66453	20.00000	Averaged	
37 2-Nitrophenol	0.17510	0.17662	0.17662	0.010	0.86524	20.01000	Averaged	
38 2,4-Dimethylphenol	0.33185	0.33000	0.33000	0.010	-0.55645	20.00000	Averaged	
40 Bis(2-Chloroethoxy)methane	0.43316	0.44771	0.44771	0.010	3.35716	20.00000	Averaged	
52 Caprolactam	0.08672	0.08505	0.08505	0.010	-1.92820	20.00000	Averaged	
54 4-Chloro-3-Methylphenol	0.27066	0.26337	0.26337	0.010	-2.69334	20.01000	Averaged	
62 2,4,5-Trichlorophenol	0.37531	0.38288	0.38288	0.010	2.01808	20.00000	Averaged	
65 2-Chloronaphthalene	1.46273	1.53175	1.53175	0.010	4.71855	20.00000	Averaged	
73 Dimethyl Phthalate	1.14610	1.17570	1.17570	0.010	2.58221	20.00000	Averaged	
75 Acenaphthylene	1.69138	1.75501	1.75501	0.010	3.76210	20.00000	Averaged	
79 Acenaphthene	1.03549	1.06739	1.06739	0.010	3.07985	20.01000	Averaged	
83 4-Nitrophenol	0.21897	0.23240	0.23240	0.050	6.13471	20.00000	Averaged	
87 2,3,4,6-Tetrachlorophenol	0.29433	0.29428	0.29428	0.010	-0.01511	20.00000	Averaged	
89 Diethylphthalate	1.23031	1.24617	1.24617	0.010	1.28933	20.00000	Averaged	
90 Fluorene	1.10365	1.13896	1.13896	0.010	3.19875	20.00000	Averaged	
91 4-Chlorophenyl-phenylether	0.52277	0.53647	0.53647	0.010	2.62026	20.00000	Averaged	
96 N-Nitrosodiphenylamine	0.53930	0.55256	0.55256	0.010	2.45885	20.01000	Averaged	
105 4-Bromophenyl-phenylether	0.19337	0.19818	0.19818	0.010	2.48904	20.00000	Averaged	
116 Anthracene	0.92755	0.94680	0.94680	0.010	2.07507	20.00000	Averaged	
119 Carbazole	0.76156	0.79551	0.79551	0.010	4.45720	20.00000	Averaged	
121 Di-n-butylphthalate	1.17653	1.17194	1.17194	0.010	-0.38964	20.00000	Averaged	
126 Fluoranthene	0.87103	0.89450	0.89450	0.010	2.69505	20.01000	Averaged	
135 Butylbenzylphthalate	0.67069	0.63866	0.63866	0.010	-4.77535	20.00000	Averaged	
144 Di-n-octylphthalate	2.06792	1.79921	1.79921	0.010	-12.99406	20.01000	Averaged	
147 Benzo(k)fluoranthene	1.08703	1.03593	1.03593	0.010	-4.70075	20.00000	Averaged	
155 Benzo(g,h,i)perylene	0.53867	0.61067	0.61067	0.010	13.36551	20.00000	Averaged	
8 2-Fluorophenol	1.24880	1.25757	1.25757	0.010	0.70227	20.00000	Averaged	
13 Phenol-D6	1.38761	1.42431	1.42431	0.010	2.64502	20.00000	Averaged	
33 Nitrobenzene-D5	0.33793	0.33867	0.33867	0.010	0.21912	20.00000	Averaged	
63 2-Fluorobiphenyl	1.12476	1.18086	1.18086	0.010	4.98815	20.00000	Averaged	
100 2,4,6-Tribromophenol	0.19748	0.20568	0.20568	0.010	4.15236	20.00000	Averaged	
129 Terphenyl-D14	0.95836	0.85653	0.85653	0.010	-10.62571	20.00000	Averaged	

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WE53
Lab ID : WG146446-2
Lab File ID : U6417.D
Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

SDG: WE53-7
Analytical Date: 07/14/14 09:35
Instrument ID: GCMS-U
Column ID:

* = 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 : WG146446-2

Analytical Date: 07/14/14 09:35

Lab File ID : U6417.D

Instrument ID: GCMS-U

Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15

Column ID:

Compound	RRF/Amount	RF50	CCAL RRF50	Min	%D/ %Drift	Max %D/ %Drift	Curve Type	
11 Benzaldehyde	0.66318	0.07551	0.07551	0.010	-88.61351	20.00000	Averaged	*
15 Phenol	1.52318	1.51855	1.51855	0.010	-0.30414	20.01000	Averaged	
36 Isophorone	0.62758	0.61714	0.61714	0.010	-1.66453	20.00000	Averaged	
37 2-Nitrophenol	0.17510	0.17662	0.17662	0.010	0.86524	20.01000	Averaged	
38 2,4-Dimethylphenol	0.33185	0.33000	0.33000	0.010	-0.55645	20.00000	Averaged	
40 Bis(2-Chloroethoxy)methane	0.43316	0.44771	0.44771	0.010	3.35716	20.00000	Averaged	
41 2,4-Dichlorophenol	0.23950	0.25078	0.25078	0.010	4.70954	20.01000	Averaged	
52 Caprolactam	0.08672	0.08505	0.08505	0.010	-1.92820	20.00000	Averaged	
54 4-Chloro-3-Methylphenol	0.27066	0.26337	0.26337	0.010	-2.69334	20.01000	Averaged	
56 2-Methylnaphthalene	0.58020	0.58280	0.58280	0.010	0.44899	20.00000	Averaged	
60 Hexachlorocyclopentadiene	0.37305	0.40851	0.40851	0.050	9.50587	20.00000	Averaged	
62 2,4,5-Trichlorophenol	0.37531	0.38288	0.38288	0.010	2.01808	20.00000	Averaged	
69 2-Nitroaniline	0.42459	0.37584	0.37584	0.010	-11.48158	20.00000	Averaged	
73 Dimethyl Phthalate	1.14610	1.17570	1.17570	0.010	2.58221	20.00000	Averaged	
75 Acenaphthylene	1.69138	1.75501	1.75501	0.010	3.76210	20.00000	Averaged	
77 3-Nitroaniline	0.31306	0.30051	0.30051	0.010	-4.00922	20.00000	Averaged	
82 Dibenzofuran	1.37647	1.42034	1.42034	0.010	3.18709	20.00000	Averaged	
83 4-Nitrophenol	0.21897	0.23240	0.23240	0.050	6.13471	20.00000	Averaged	
89 Diethylphthalate	1.23031	1.24617	1.24617	0.010	1.28933	20.00000	Averaged	
90 Fluorene	1.10365	1.13896	1.13896	0.010	3.19875	20.00000	Averaged	
91 4-Chlorophenyl-phenylether	0.52277	0.53647	0.53647	0.010	2.62026	20.00000	Averaged	
105 4-Bromophenyl-phenylether	0.19337	0.19818	0.19818	0.010	2.48904	20.00000	Averaged	
115 Phenanthrene	0.96685	0.96724	0.96724	0.010	0.04004	20.00000	Averaged	
116 Anthracene	0.92755	0.94680	0.94680	0.010	2.07507	20.00000	Averaged	
119 Carbazole	0.76156	0.79551	0.79551	0.010	4.45720	20.00000	Averaged	
126 Fluoranthene	0.87103	0.89450	0.89450	0.010	2.69505	20.01000	Averaged	
128 Pyrene	1.46218	1.29537	1.29537	0.010	-11.40836	20.00000	Averaged	
142 Chrysene	0.85505	0.85031	0.85031	0.010	-0.55421	20.00000	Averaged	
143 bis(2-Ethylhexyl)phthalate	0.90229	0.87396	0.87396	0.010	-3.14024	20.00000	Averaged	
144 Di-n-octylphthalate	2.06792	1.79921	1.79921	0.010	-12.99406	20.01000	Averaged	
147 Benzo(k)fluoranthene	1.08703	1.03593	1.03593	0.010	-4.70075	20.00000	Averaged	
154 Dibenzo(a,h)anthracene	0.50860	0.56654	0.56654	0.010	11.39388	20.00000	Averaged	
155 Benzo(g,h,i)perylene	0.53867	0.61067	0.61067	0.010	13.36551	20.00000	Averaged	
8 2-Fluorophenol	1.24880	1.25757	1.25757	0.010	0.70227	20.00000	Averaged	
13 Phenol-D6	1.38761	1.42431	1.42431	0.010	2.64502	20.00000	Averaged	
33 Nitrobenzene-D5	0.33793	0.33867	0.33867	0.010	0.21912	20.00000	Averaged	
63 2-Fluorobiphenyl	1.12476	1.18086	1.18086	0.010	4.98815	20.00000	Averaged	
100 2,4,6-Tribromophenol	0.19748	0.20568	0.20568	0.010	4.15236	20.00000	Averaged	
129 Terphenyl-D14	0.95836	0.85653	0.85653	0.010	-10.62571	20.00000	Averaged	

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145667-4
Lab File ID : U6200.D

SDG: WE53-7
Analytical Date: 06/30/14 10:09
Instrument ID: GCMS-U

		1,4-DICHLOROBENZENE-D4				NAPHTHALENE-D8				ACENAPHTHENE-D10			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	309873		8.52		1219522		11.34		681765		15.45	
	Upper Limit	619746		9.02		2439044		11.84		1363530		15.95	
	Lower Limit	154936.5		8.02		609761		10.84		340882.5		14.95	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145703-2	301382		8.52		1239829		11.34		670741		15.45	
Method Blank Sample	WG145380-1	344822		8.52		1360447		11.34		739636		15.45	
Method Blank Sample	WG145277-1	343614		8.52		1356901		11.34		736288		15.45	
Laboratory Control S	WG145277-2	324416		8.52		1285503		11.34		719625		15.45	
Laboratory Control S	WG145277-3	311581		8.53		1213676		11.34		681792		15.45	
Continuing Calibrati	WG145731-2	306152		8.52		1220603		11.34		637429		15.45	
Laboratory Control S	WG145380-2	330328		8.52		1303089		11.34		733977		15.44	
Laboratory Control S	WG145380-3	330235		8.53		1322385		11.33		732480		15.44	

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WI

Lab ID : WG145667-4

Lab File ID : U6200.D

SDG: WE53-7

Analytical Date: 06/30/14 10:09

Instrument ID: GCMS-U

		PHENANTHRENE-D10				CHRYSENE-D12				PERYLENE-D12			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
Std .		1087358		18.95		841991		25.23		586711		28.34	
Upper Limit		2174716		19.45		1683982		25.73		1173422		28.84	
Lower Limit		543679		18.45		420995.5		24.73		293355.5		27.84	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145703-2	971674		18.95		571956		25.22		434718		28.35	
Method Blank Sample	WG145380-1	1114673		18.94		954899		25.22		671643		28.34	
Method Blank Sample	WG145277-1	1081544		18.94		817215		25.22		602385		28.34	
Laboratory Control S	WG145277-2	1106512		18.95		706379		25.22		489438		28.34	
Laboratory Control S	WG145277-3	1051690		18.95		630771		25.22		447048		28.35	
Continuing Calibrati	WG145731-2	880888		18.95		434876		25.22		309276		28.33	
Laboratory Control S	WG145380-2	1048497		18.94		420875 *		25.21		268197 *		28.33	
Laboratory Control S	WG145380-3	1095087		18.94		430764		25.21		284863 *		28.34	

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145897-4
Lab File ID : U6267.D

SDG: WE53-7
Analytical Date: 07/03/14 10:31
Instrument ID: GCMS-U

		1,4-DICHLOROBENZENE-D4				NAPHTHALENE-D8				ACENAPHTHENE-D10			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	233471		8.52		933058		11.33		447104		15.44	
	Upper Limit	466942		9.02		1866116		11.83		894208		15.94	
	Lower Limit	116735.5		8.02		466529		10.83		223552		14.94	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145924-2	248563		8.52		999733		11.33		453717		15.44	
FTA-MW-10-061714	SH4401-4	294123		8.52		1181833		11.32		549390		15.43	
Continuing Calibrati	WG146330-2	275576		8.50		1124091		11.31		575085		15.42	
FTA-MW-9-061714	SH4401-2	244114		8.50		996221		11.31		483857		15.41	
FTA-MW-11-061714	SH4401-6	262434		8.50		1045879		11.30		512500		15.41	
FTA-MW-12-061714	SH4401-8	249050		8.50		1015110		11.30		492455		15.41	
FTA-MW-5-061814	SH4401-10	246375		8.50		983719		11.31		495203		15.41	
FTA-MW-203-061814	SH4401-12	254567		8.50		1017527		11.31		503036		15.41	
FTA-GW-DUP01-0618	SH4401-14	249519		8.50		1024597		11.31		490478		15.41	
FTA-MW-218-061814	SH4401-16	249543		8.50		987040		11.30		484894		15.41	
FTA-MW-206-061814	SH4401-18	251797		8.50		1004021		11.31		496888		15.41	
FTA-MW-14-061714	SH4401-20	236743		8.50		929248		11.30		468568		15.41	
FTA-MW-208-061814	SH4521-2	239336		8.50		954048		11.31		471614		15.41	
FTA-MW-1-061814	SH4521-4	249343		8.50		1001672		11.31		487232		15.41	
FTA-GW-DUP02-0618	SH4521-6	229031		8.50		934465		11.30		455777		15.41	
FTA-SW-01-061914	SH4521-10	219417		8.49		884102		11.30		440321		15.41	
Continuing Calibrati	WG146400-2	246823		8.49		1000261		11.30		487805		15.41	
FTA-MW-210-061814	SH4521-8	241625		8.49		962136		11.30		458089		15.41	
Matrix Spike	WG145380-4	275304		8.50		1111593		11.30		559861		15.41	
Matrix Spike Duplica	WG145380-5	258437		8.50		1038562		11.30		511085		15.41	
FTA-SW-02-061914	SH4521-12	246975		8.49		941443		11.30		476753		15.41	
FTA-SW-03-061914	SH4521-14	254215		8.49		1011928		11.30		491327		15.41	
Matrix Spike	WG145380-6	257073		8.50		1046894		11.30		518523		15.41	
Matrix Spike Duplica	WG145380-7	238467		8.49		970410		11.30		490853		15.41	
FTA-SW-06-061914	SH4521-16	240236		8.49		954572		11.30		469847		15.41	
FTA-SW-07-061914	SH4521-18	242872		8.49		972368		11.30		476340		15.41	
FTA-SW-08-061914	SH4521-20	249341		8.49		1015245		11.30		496648		15.41	
FTA-SW-DUP01-0619	SH4521-22	252736		8.49		1030617		11.30		493905		15.41	

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145897-4
Lab File ID : U6267.D

SDG: WE53-7
Analytical Date: 07/03/14 10:31
Instrument ID: GCMS-U

		PHENANTHRENE-D10				CHRYSENE-D12				PERYLENE-D12			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	784946		18.94		500835		25.21		337999		28.33	
	Upper Limit	1569892		19.44		1001670		25.71		675998		28.83	
	Lower Limit	392473		18.44		250417.5		24.71		168999.5		27.83	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG145924-2	780749		18.94		545833		25.21		404369		28.34	
FTA-MW-10-061714	SH4401-4	917684		18.92		558428		25.20		394420		28.33	
Continuing Calibrati	WG146330-2	1062026		18.92		640786		25.19		427729		28.31	
FTA-MW-9-061714	SH4401-2	842104		18.91		528005		25.18		382957		28.31	
FTA-MW-11-061714	SH4401-6	889246		18.91		666664		25.18		489680		28.31	
FTA-MW-12-061714	SH4401-8	836843		18.91		521570		25.18		358785		28.31	
FTA-MW-5-061814	SH4401-10	826033		18.91		563155		25.18		401263		28.31	
FTA-MW-203-061814	SH4401-12	870352		18.91		531929		25.18		374387		28.31	
FTA-GW-DUP01-0618	SH4401-14	858052		18.91		559457		25.18		371811		28.31	
FTA-MW-218-061814	SH4401-16	851397		18.91		602673		25.18		409404		28.31	
FTA-MW-206-061814	SH4401-18	862739		18.91		594718		25.18		451383		28.31	
FTA-MW-14-061714	SH4401-20	830966		18.91		489354		25.18		334992		28.31	
FTA-MW-208-061814	SH4521-2	808007		18.91		531888		25.18		395364		28.31	
FTA-MW-1-061814	SH4521-4	847707		18.91		489775		25.18		348958		28.31	
FTA-GW-DUP02-0618	SH4521-6	806100		18.91		630122		25.18		463014		28.31	
FTA-SW-01-061914	SH4521-10	764123		18.90		484735		25.17		339129		28.31	
Continuing Calibrati	WG146400-2	907084		18.91		539419		25.19		378561		28.31	
FTA-MW-210-061814	SH4521-8	847013		18.90		601304		25.17		396170		28.30	
Matrix Spike	WG145380-4	1007827		18.91		627587		25.19		471383		28.31	
Matrix Spike Duplica	WG145380-5	896797		18.91		521211		25.18		360791		28.30	
FTA-SW-02-061914	SH4521-12	822294		18.90		615327		25.17		382763		28.30	
FTA-SW-03-061914	SH4521-14	891388		18.90		640019		25.17		410911		28.30	
Matrix Spike	WG145380-6	949437		18.91		554348		25.18		398898		28.31	
Matrix Spike Duplica	WG145380-7	899384		18.91		461254		25.18		313047		28.30	
FTA-SW-06-061914	SH4521-16	837863		18.90		460910		25.17		293936		28.30	
FTA-SW-07-061914	SH4521-18	868439		18.90		498116		25.17		317555		28.30	
FTA-SW-08-061914	SH4521-20	842143		18.90		464420		25.17		318780		28.30	
FTA-SW-DUP01-0619	SH4521-22	936300		18.90		599201		25.17		369705		28.30	

Form 8
Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WI

Lab ID : WG145897-4

Lab File ID : U6267.D

SDG: WE53-7

Analytical Date: 07/03/14 10:31

Instrument ID: GCMS-U

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services
Project : NCTAMSLANT Cutler CTO WI
Lab ID : WG145897-4
Lab File ID : U6267.D

SDG: WE53-7
Analytical Date: 07/03/14 10:31
Instrument ID: GCMS-U

		1,4-DICHLOROBENZENE-D4				NAPHTHALENE-D8				ACENAPHTHENE-D10			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	233471		8.52		933058		11.33		447104		15.44	
	Upper Limit	466942		9.02		1866116		11.83		894208		15.94	
	Lower Limit	116735.5		8.02		466529		10.83		223552		14.94	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG146446-2	259048		8.49		1015838		11.30		463253		15.41	
FTA-SD-RB01-062014	SH4521-24	222313		8.49		847881		11.30		378080		15.40	
FTA-MW-9-061714	SH4401-2RE	266333		8.49		1058577		11.30		506672		15.40	
FTA-MW-11-061714	SH4401-6RE	241177		8.49		986002		11.30		478275		15.41	
FTA-MW-12-061714	SH4401-8RE	240328		8.49		962435		11.30		459649		15.41	

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.

Form 8

Internal Standard Area and RT Summary

Lab Name : Katahdin Analytical Services

Project : NCTAMSLANT Cutler CTO WI

Lab ID : WG145897-4

Lab File ID : U6267.D

SDG: WE53-7

Analytical Date: 07/03/14 10:31

Instrument ID: GCMS-U

		PHENANTHRENE-D10				CHRYSENE-D12				PERYLENE-D12			
		Area	#	RT	#	Area	#	RT	#	Area	#	RT	#
	Std .	784946		18.94		500835		25.21		337999		28.33	
	Upper Limit	1569892		19.44		1001670		25.71		675998		28.83	
	Lower Limit	392473		18.44		250417.5		24.71		168999.5		27.83	
Client Sample ID	Lab Sample ID												
Continuing Calibrati	WG146446-2	770842		18.91		548653		25.18		426962		28.31	
FTA-SD-RB01-062014	SH4521-24	534094		18.90		366954		25.17		306636		28.30	
FTA-MW-9-061714	SH4401-2RE	803141		18.90		447040		25.17		334312		28.30	
FTA-MW-11-061714	SH4401-6RE	805793		18.90		484294		25.17		375092		28.30	
FTA-MW-12-061714	SH4401-8RE	779330		18.90		427718		25.17		318248		28.30	

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.

Form 7
Calibration Verification Summary

Lab Name : Katahdin Analytical Services	SDG: WE53-7
Project : NCTAMSLANT Cutler CTO WE53	Analytical Date: 07/14/14 09:35
Lab ID : WG146446-2	Instrument ID: GCMS-U
Lab File ID : U6417.D	Column ID:
Initial Calibration Date(s): 07/03/14 10:31 07/03/14 14:15	

* = Compound out of QC criteria

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-9-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	74	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	2.7	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	4.97	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.053	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	7010			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	4.28	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	4.22			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.85	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	3210			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.19	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1930			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	3060			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.047	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.71	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	553	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3890			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.0	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	1.9	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-9-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	38	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.060	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	2.6	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	4.36	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.058	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6930			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	0.59	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	4.18			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.3	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	3070			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.24	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1850			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	3020			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.2	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	550	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.77	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3820			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	0.51	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-10-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	36	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.061	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.3	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	1.6	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.16	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	3670			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	4.41	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	5.07			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.64	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1350			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.40	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1040			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	1690			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.044	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	30.0			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	662	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3630			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	0.60	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	2.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-10-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	19	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	3.4	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	1.8	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.13	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	3820			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	4.50	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	5.39			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.1	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	1210			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.18	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1060			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	1740			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	2.90			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	678	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.77	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3750			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.3	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	4.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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: SH4401-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	56	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.056	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	1.4	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.066	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	4580			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	4.61	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.10	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.75	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	241			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.13	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1630			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	488			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.035	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.3	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	500	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	4430			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	1.3	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	43	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	1.7	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.080	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	4470			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	4.67	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.079	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.70	J	N*	MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	198			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.094	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1570			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	463			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.4	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	528	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.39	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4350			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.1	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.5	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-12-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	269	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.10	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	7.67			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	1.60			MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	3780			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	4.32	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.49			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	1.2	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	744			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.63	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1330			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	1500			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.043	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.79	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	663	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3960			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	3.8	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-12-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	46	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	4.71	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.17	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	4150			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	4.45	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.47			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.64	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	539			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1410			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	1570			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.75	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	730	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4460			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	0.76	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	4.2	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-5-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	89	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.068	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	3.9	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	3.74	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.13	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6530			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	5.15			MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	2.09			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	1.5	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1520			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.50	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1520			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	208			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.038	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	2.39			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	735	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	4600			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.5	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	2.1	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-5-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	20	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.061	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.8	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.33	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.10	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6460			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	2.61	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.86			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.2	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	1400			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1470			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	203			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.64	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	715	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4550			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.3	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.2	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-203-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	19	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	0.92	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.074	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	2940			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	3.06	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.30	U		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.76	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	80	U		P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.21	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	958			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	11.6			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.045	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	0.71	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	519	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3200			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	3.2	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-203-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	34	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	1.1	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.095	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	2990			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	3.16	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.30	U		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.8	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	80	U		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.079	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	983			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	12.6			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.98	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	536	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3300			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.3	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.9	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-GW-DUP01-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	100	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.055	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.9	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	4.89	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.11	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6720			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	3.35	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	2.05			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	1.3	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1520			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.56	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1540			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	217			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.048	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.73	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	728	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.55	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	4750			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.5	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	1.8	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-GW-DUP01-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	39	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.065	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.6	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.09	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.092	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6380			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.6	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.87			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.68	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	1380			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1450			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	206			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.88	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	684	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4480			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	1.8	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-218-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	276	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.073	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	6.72			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.059	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.098	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	1150			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.9	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.03			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.67	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	128			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.19	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	867			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	28.7			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.042	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.92	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	190	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	6800			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	0.70	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	2.7	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-218-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	140	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	6.50			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.078	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.080	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	1170			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.7	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.00			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.92	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	80	U		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.077	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	858			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	25.7			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	2.01			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	160	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	6910			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.1	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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: SH4401-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	34	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.14	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	2.5	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	7.17			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.079	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	41700			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	0.81	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.02			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.25	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	80	U		P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	7590			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	220			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.040	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	0.84	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1560			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	7850			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	0.61	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	4.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	35	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.14	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	2.6	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	6.20			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.090	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	38600		NA	P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.1	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.989	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.78	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	80	U		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.082	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	8300			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	210			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.98	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1490			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	7390			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.38	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	4.0	U		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	1.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-14-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	279	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.12	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	5.82			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.064	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.13	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6660			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.8	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.27	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.98	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	827			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.33	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	2430			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	70.0			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.044	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	0.62	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	893	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	6090			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.14	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	2.1	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-14-061714

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4401-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	97	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.92	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.044	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.050	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6860			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.6	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.23	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	0.45	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	745			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	2430			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	70.2			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.59	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	941	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	3.0	U		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	6240			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.11	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.5	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-208-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	648			P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.22	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	8.43			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.057	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6180			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	2.55	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.46	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.11	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	766			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.56	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	2150			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	53.8			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.041	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.54	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1090			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.2	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	9180			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	2.0	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	3.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-208-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	100	U		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.13	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	4.67	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.056	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6120			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.2	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.30	U		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.2	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	7.8	J		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.50	U		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1990			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	41.8			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.57	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	966	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.88	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	9000			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	0.68	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	0.89	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-1-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	1660			P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.15	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	7.9			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	8.98			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.078	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.042	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	19200			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	4.08	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.899	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	3.36			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1890			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	2.50			MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	2880			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	34.8			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.038	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	6.24			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1370			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.2	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	4990			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	3.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	8.09	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-MW-1-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	27	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.12	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	6.4			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	2.36	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.19	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	19100			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.0	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.072	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.3	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	12	J		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.091	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	2410			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	1.8	J		P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	3.88			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1100			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.3	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4900			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.0	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	4.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-GW-DUP02-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	619			P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.18	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	2.5	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	7.81			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.053	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6270			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	2.49	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.45	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.18	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	777			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.63	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	2190			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	52.4			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.032	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.4	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1090			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.6	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	9310			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	3.5	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-GW-DUP02-061814

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	23	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.15	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	4.57	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.065	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6360			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.7	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.30	U		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	8.62			MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	80	U		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.27	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	2070			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	43.1			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	0.60	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	979	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.2	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	9240			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	5.1	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	24	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.13	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	6.06			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.059	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	33000		N	P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	0.73	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.15	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	4.26			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	80	U		P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.21	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	6100			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	47.0			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.048	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.86	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1540			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.29	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	7990			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.1	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	4.9	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	32	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.14	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	6.01			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.14	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	32800		N	P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	0.78	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.26	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.2	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	80	U		P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.13	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	6160			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	47.0			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	2.14			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1570			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.4	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	7850			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.2	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	1.7	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-01-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	88	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.14	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	4.44	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.066	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	7880			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	0.99	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.851	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.74	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	335			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.26	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1990			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	57.4			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.032	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	0.93	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	947	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.34	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3680			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	0.77	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	3.3	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-01-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	38	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.094	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.75	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.062	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	7800			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	0.71	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.732	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	2.68	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	157			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1940			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	54.9			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.0	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	927	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.0	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3670			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.2	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	3.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-02-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	1590			P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.16	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	3.6	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	11.5			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.070	J		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	2.14			MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	8660			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	2.82	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.00			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	9.42			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1650			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	2.02			MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1860			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	31.1			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	8.09			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1360			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.77	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3770			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.32	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	3.9	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	5.7	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-02-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	94	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.11	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	3.3	J		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.04	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.059	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	8590			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.1	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.16	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	6.60			MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	134			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1600			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	15.4			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.4	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1050			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.80	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3760			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	1.9	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	120	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.096	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U	A	MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	12.8			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.18	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	6280		N	P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.2	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.24			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	8.54			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	380			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	1.59			MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	1360			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	41.3			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	2.24			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1490			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.98	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.070	J		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3470			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.077	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.7	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	13.7	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

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

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	49	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.14	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	11.9			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.12	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	6660		N	P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.1	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.12			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	4.01			MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	215			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.46	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	1410			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	38.3			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	2.04			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1460			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.80	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3740			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.067	J		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.3	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	10.4	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-06-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	90	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.15	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	7.9			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	17.4			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.11	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	46200			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.2	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	5.06			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	3.21			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	5890			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.41	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	3990			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	1080			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.87	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1240			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.88	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3490			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	4.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-06-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	48	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.099	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	6.5			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	3.00	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.069	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	48500			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.0	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	4.25			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.4	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	664			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.11	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	4360			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	1010			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.83	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1320			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.4	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3780			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.3	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	2.4	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-07-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	110	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.19	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	7.9			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	4.29	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.069	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	52500			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.0	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	1.38			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.30	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	2340			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.27	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	5260			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	432			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.66	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	3180			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.4	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	3660			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	0.93	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	5.4	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-07-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	62	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.21	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	6.2			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	2.2	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.052	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	56600			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	1.2	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	1.35			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.8	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	833			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.12	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	5840			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	372			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.045	J		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.76	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	2910			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.86	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	3930			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.4	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	5.6	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-08-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	56	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.090	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	5.1			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	1.8	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.032	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	27600			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	0.88	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.53	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	2.27	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	1250			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.18	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	2560			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	28.3			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.1	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	810	J		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.0	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	2730			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	2.2	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-08-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	35	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.15	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	5.1			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	2.2	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.061	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	26500			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	0.99	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	0.608	J		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	2.45	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	794			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.16	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	2440			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	11.0			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	1.61	J		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	755	J		P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	0.85	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	2810			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	4.0	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-DUP01-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-022

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	97	J		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.11	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	7.9			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	20.9			P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.074	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	54500			P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	1.1	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	5.52			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	3.85			MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	7060			P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.41	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	4770			P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	1240			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	2.09			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	1310			P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	1.4	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	4030			P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	1.6	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	6.3	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SW-DUP01-061914

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-023

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, DISSOLVED	56	J		P	1	300	15.	100
7440-36-0	ANTIMONY, DISSOLVED	0.11	J		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, DISSOLVED	7.5			MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, DISSOLVED	2.93	J		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, DISSOLVED	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, DISSOLVED	0.049	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, DISSOLVED	48600			P	1	100	11.	80
7440-47-3	CHROMIUM, DISSOLVED	0.99	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, DISSOLVED	4.14			MS	5	1.0	0.060	0.30
7440-50-8	COPPER, DISSOLVED	1.99	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, DISSOLVED	522			P	1	100	5.4	80
7439-92-1	LEAD, DISSOLVED	0.10	J		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, DISSOLVED	4330			P	1	100	7.8	80
7439-96-5	MANGANESE, DISSOLVED	941			P	1	5.0	1.1	4.0
7439-97-6	MERCURY, DISSOLVED	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, DISSOLVED	2.46			MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, DISSOLVED	1270			P	1	1000	41.	500
7782-49-2	SELENIUM, DISSOLVED	1.4	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, DISSOLVED	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, DISSOLVED	4040			P	1	1000	24.	500
7440-28-0	THALLIUM, DISSOLVED	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, DISSOLVED	1.0	J		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, DISSOLVED	3.7	J		P	1	20	0.72	10

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services

Client Field ID: FTA-SD-RB01-062014

Matrix: WATER

SDG Name: WE53-7

Percent Solids: 0.00

Lab Sample ID: SH4521-024

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	ADJUSTED		
							LOQ	MDL	LOD
7429-90-5	ALUMINUM, TOTAL	100	U		P	1	300	15.	100
7440-36-0	ANTIMONY, TOTAL	0.50	U		MS	5	1.0	0.055	0.50
7440-38-2	ARSENIC, TOTAL	4.0	U		MS	5	5.0	2.3	4.0
7440-39-3	BARIUM, TOTAL	3.0	U		P	1	5.0	0.23	3.0
7440-41-7	BERYLLIUM, TOTAL	0.20	U		MS	5	1.0	0.034	0.20
7440-43-9	CADMIUM, TOTAL	0.059	J		MS	5	1.0	0.030	0.20
7440-70-2	CALCIUM, TOTAL	27	J		P	1	100	11.	80
7440-47-3	CHROMIUM, TOTAL	0.86	J		MS	5	5.0	0.22	4.0
7440-48-4	COBALT, TOTAL	0.30	U		MS	5	1.0	0.060	0.30
7440-50-8	COPPER, TOTAL	0.26	J		MS	5	3.0	0.19	2.0
7439-89-6	IRON, TOTAL	80	U		P	1	100	5.4	80
7439-92-1	LEAD, TOTAL	0.50	U		MS	5	1.0	0.075	0.50
7439-95-4	MAGNESIUM, TOTAL	80	U		P	1	100	7.8	80
7439-96-5	MANGANESE, TOTAL	4.0	U		P	1	5.0	1.1	4.0
7439-97-6	MERCURY, TOTAL	0.10	U		CV	1	0.20	0.013	0.10
7440-02-0	NICKEL, TOTAL	1.2	U		MS	5	2.0	0.15	1.2
7440-09-7	POTASSIUM, TOTAL	500	U		P	1	1000	41.	500
7782-49-2	SELENIUM, TOTAL	0.72	J		MS	5	5.0	0.19	3.0
7440-22-4	SILVER, TOTAL	0.40	U		MS	5	1.0	0.050	0.40
7440-23-5	SODIUM, TOTAL	25	J		P	1	1000	24.	500
7440-28-0	THALLIUM, TOTAL	0.40	U		MS	5	1.0	0.060	0.40
7440-62-2	VANADIUM, TOTAL	4.0	U		MS	5	5.0	0.50	4.0
7440-66-6	ZINC, TOTAL	0.82	J		P	1	20	0.72	10

Comments:

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File:	HHF27B	Jun 27, 2014	14:55
Analyte	True	Found	%R (1)
MERCURY	6.0	5.70	95.0

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	15:04
Analyte	True	Found	%R (1)
MERCURY	5.0	4.76	95.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000287

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	15:27
Analyte	True	Found	%R (1)
MERCURY	5.0	4.74	94.8

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	15:53
Analyte	True	Found	%R (1)
MERCURY	5.0	5.15	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000288

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	16:18
Analyte	True	Found	%R (1)
MERCURY	5.0	4.76	95.2

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	16:44
Analyte	True	Found	%R (1)
MERCURY	5.0	4.71	94.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000289

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	17:10
Analyte	True	Found	%R (1)
MERCURY	5.0	5.12	102.4

SAMPLE: CCV

File:	HHF27B	Jun 27, 2014	17:34
Analyte	True	Found	%R (1)
MERCURY	5.0	4.87	97.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000290

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File:	HHF30A	Jun 30, 2014	11:38
Analyte	True	Found	%R (1)
MERCURY	6.0	6.01	100.2

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	11:44
Analyte	True	Found	%R (1)
MERCURY	5.0	5.07	101.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000291

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	12:07
Analyte	True	Found	%R (1)
MERCURY	5.0	5.46	109.2

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	12:33
Analyte	True	Found	%R (1)
MERCURY	5.0	5.34	106.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000292

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	13:12
Analyte	True	Found	%R (1)
MERCURY	5.0	5.20	104.0

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	13:37
Analyte	True	Found	%R (1)
MERCURY	5.0	5.12	102.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000293

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	14:03
Analyte	True	Found	%R (1)
MERCURY	5.0	5.12	102.4

SAMPLE: CCV

File:	HHF30A	Jun 30, 2014	14:34
Analyte	True	Found	%R (1)
MERCURY	5.0	5.13	102.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000294

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File:	HHG04A	Jul 04, 2014	12:55
Analyte	True	Found	%R (1)
MERCURY	6.0	5.67	94.5

SAMPLE: CCV

File:	HHG04A	Jul 04, 2014	13:01
Analyte	True	Found	%R (1)
MERCURY	5.0	4.83	96.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000295

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHG04A	Jul 04, 2014	13:24
Analyte	True	Found	%R (1)
MERCURY	5.0	5.13	102.6

SAMPLE: CCV

File:	HHG04A	Jul 04, 2014	13:50
Analyte	True	Found	%R (1)
MERCURY	5.0	5.32	106.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000296

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	HHG04A	Jul 04, 2014	14:15
Analyte	True	Found	%R (1)
MERCURY	5.0	4.88	97.6

SAMPLE: CCV

File:	HHG04A	Jul 04, 2014	14:41
Analyte	True	Found	%R (1)
MERCURY	5.0	4.77	95.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000297

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File:	IHF23B	Jun 23, 2014	18:35
Analyte	True	Found	%R (1)
ALUMINUM	10000.0	10100.00	101.0
BARIUM	400.0	404.90	101.2
CALCIUM	10000.0	10090.00	100.9
IRON	10000.0	10070.00	100.7
MAGNESIUM	10000.0	10160.00	101.6
MANGANESE	400.0	405.30	101.3
POTASSIUM	13600.0	13460.00	99.0
SODIUM	10000.0	10020.00	100.2
ZINC	400.0	405.10	101.3

SAMPLE: CCV

File:	IHF23B	Jun 23, 2014	19:12
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12500.00	100.0
BARIUM	500.0	491.10	98.2
CALCIUM	12500.0	12400.00	99.2
IRON	12500.0	12390.00	99.1
MAGNESIUM	12500.0	12670.00	101.4
MANGANESE	500.0	492.10	98.4
POTASSIUM	12500.0	12450.00	99.6
SODIUM	12500.0	12520.00	100.2
ZINC	500.0	499.70	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000298

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File:	IHF23B	Jun 23, 2014	20:08
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12380.00	99.0
BARIUM	500.0	505.00	101.0
CALCIUM	12500.0	12830.00	102.6
IRON	12500.0	12240.00	97.9
MAGNESIUM	12500.0	12520.00	100.2
MANGANESE	500.0	487.00	97.4
POTASSIUM	12500.0	12570.00	100.6
SODIUM	12500.0	12900.00	103.2
ZINC	500.0	480.60	96.1

SAMPLE: CCV

File:	IHF23B	Jun 23, 2014	21:03
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12440.00	99.5
BARIUM	500.0	514.10	102.8
CALCIUM	12500.0	13280.00	106.2
IRON	12500.0	12380.00	99.0
MAGNESIUM	12500.0	12330.00	98.6
MANGANESE	500.0	499.90	100.0
POTASSIUM	12500.0	13200.00	105.6
SODIUM	12500.0	13250.00	106.0
ZINC	500.0	463.60	92.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000299

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHF23B Jun 23, 2014 21:58

Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12600.00	100.8
BARIUM	500.0	515.40	103.1
CALCIUM	12500.0	13390.00	107.1
IRON	12500.0	12570.00	100.6
MAGNESIUM	12500.0	12300.00	98.4
MANGANESE	500.0	511.50	102.3
POTASSIUM	12500.0	13370.00	107.0
SODIUM	12500.0	13270.00	106.2
ZINC	500.0	451.30	90.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000300

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File:	IHF26A	Jun 26, 2014	13:25
Analyte	True	Found	%R (1)
ALUMINUM	10000.0	10000.00	100.0
BARIUM	400.0	412.20	103.1
CALCIUM	10000.0	10020.00	100.2
IRON	10000.0	9921.00	99.2
MAGNESIUM	10000.0	10100.00	101.0
MANGANESE	400.0	400.80	100.2
POTASSIUM	13600.0	13200.00	97.1
SODIUM	10000.0	10040.00	100.4
ZINC	400.0	411.90	103.0

SAMPLE: CCV

File:	IHF26A	Jun 26, 2014	14:02
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12310.00	98.5
BARIUM	500.0	503.70	100.7
CALCIUM	12500.0	12260.00	98.1
IRON	12500.0	12050.00	96.4
MAGNESIUM	12500.0	12870.00	103.0
MANGANESE	500.0	477.10	95.4
POTASSIUM	12500.0	11980.00	95.8
SODIUM	12500.0	12380.00	99.0
ZINC	500.0	496.70	99.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000301

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	14:48	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12190.00	97.5
BARIUM	500.0	503.10	100.6
CALCIUM	12500.0	12210.00	97.7
IRON	12500.0	11850.00	94.8
MAGNESIUM	12500.0	12970.00	103.8
MANGANESE	500.0	474.80	95.0
POTASSIUM	12500.0	11830.00	94.6
SODIUM	12500.0	12280.00	98.2
ZINC	500.0	495.80	99.2

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	14:57	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12210.00	97.7
BARIUM	500.0	503.00	100.6
CALCIUM	12500.0	12200.00	97.6
IRON	12500.0	11890.00	95.1
MAGNESIUM	12500.0	13040.00	104.3
MANGANESE	500.0	476.10	95.2
POTASSIUM	12500.0	11930.00	95.4
SODIUM	12500.0	12310.00	98.5
ZINC	500.0	497.70	99.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000302

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	15:53	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12110.00	96.9
BARIUM	500.0	499.50	99.9
CALCIUM	12500.0	12100.00	96.8
IRON	12500.0	11680.00	93.4
MAGNESIUM	12500.0	12980.00	103.8
MANGANESE	500.0	465.40	93.1
POTASSIUM	12500.0	11740.00	93.9
SODIUM	12500.0	12190.00	97.5
ZINC	500.0	493.30	98.7

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	16:48	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12210.00	97.7
BARIUM	500.0	497.40	99.5
CALCIUM	12500.0	12300.00	98.4
IRON	12500.0	11820.00	94.6
MAGNESIUM	12500.0	13020.00	104.2
MANGANESE	500.0	474.00	94.8
POTASSIUM	12500.0	11880.00	95.0
SODIUM	12500.0	12190.00	97.5
ZINC	500.0	493.00	98.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000303

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	17:43	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12130.00	97.0
BARIUM	500.0	500.60	100.1
CALCIUM	12500.0	11970.00	95.8
IRON	12500.0	11630.00	93.0
MAGNESIUM	12500.0	12820.00	102.6
MANGANESE	500.0	460.10	92.0
POTASSIUM	12500.0	11850.00	94.8
SODIUM	12500.0	12290.00	98.3
ZINC	500.0	489.80	98.0

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	18:39	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12170.00	97.4
BARIUM	500.0	499.20	99.8
CALCIUM	12500.0	12100.00	96.8
IRON	12500.0	11720.00	93.8
MAGNESIUM	12500.0	12880.00	103.0
MANGANESE	500.0	462.10	92.4
POTASSIUM	12500.0	11890.00	95.1
SODIUM	12500.0	12310.00	98.5
ZINC	500.0	493.20	98.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000304

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	19:34	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12220.00	97.8
BARIUM	500.0	502.90	100.6
CALCIUM	12500.0	12070.00	96.6
IRON	12500.0	11620.00	93.0
MAGNESIUM	12500.0	12850.00	102.8
MANGANESE	500.0	462.00	92.4
POTASSIUM	12500.0	11970.00	95.8
SODIUM	12500.0	12450.00	99.6
ZINC	500.0	493.60	98.7

SAMPLE: CCV

File: IHF26A	Jun 26, 2014	20:29	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12190.00	97.5
BARIUM	500.0	516.00	103.2
CALCIUM	12500.0	12480.00	99.8
IRON	12500.0	11580.00	92.6
MAGNESIUM	12500.0	13560.00	108.5
MANGANESE	500.0	468.40	93.7
POTASSIUM	12500.0	12510.00	100.1
SODIUM	12500.0	12770.00	102.2
ZINC	500.0	499.10	99.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000305

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: IHG02A	Jul 02, 2014	9:57	
Analyte	True	Found	%R (1)
ALUMINUM	10000.0	10130.00	101.3
BARIUM	400.0	412.00	103.0
CALCIUM	10000.0	10160.00	101.6
IRON	10000.0	10150.00	101.5
MAGNESIUM	10000.0	10210.00	102.1
MANGANESE	400.0	411.90	103.0
POTASSIUM	13600.0	13440.00	98.8
SODIUM	10000.0	10070.00	100.7
ZINC	400.0	411.70	102.9

SAMPLE: CCV

File: IHG02A	Jul 02, 2014	10:35	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12490.00	99.9
BARIUM	500.0	494.80	99.0
CALCIUM	12500.0	12410.00	99.3
IRON	12500.0	12570.00	100.6
MAGNESIUM	12500.0	12770.00	102.2
MANGANESE	500.0	502.90	100.6
POTASSIUM	12500.0	12570.00	100.6
SODIUM	12500.0	12250.00	98.0
ZINC	500.0	492.80	98.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000306

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHG02A	Jul 02, 2014	11:30	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12430.00	99.4
BARIUM	500.0	492.30	98.5
CALCIUM	12500.0	12420.00	99.4
IRON	12500.0	12580.00	100.6
MAGNESIUM	12500.0	12740.00	101.9
MANGANESE	500.0	508.80	101.8
POTASSIUM	12500.0	12630.00	101.0
SODIUM	12500.0	12180.00	97.4
ZINC	500.0	492.50	98.5

SAMPLE: CCV

File: IHG02A	Jul 02, 2014	12:25	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12470.00	99.8
BARIUM	500.0	494.80	99.0
CALCIUM	12500.0	12460.00	99.7
IRON	12500.0	12580.00	100.6
MAGNESIUM	12500.0	12780.00	102.2
MANGANESE	500.0	506.00	101.2
POTASSIUM	12500.0	12640.00	101.1
SODIUM	12500.0	12240.00	97.9
ZINC	500.0	493.70	98.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000307

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHG02A

Jul 02, 2014

13:20

Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12440.00	99.5
BARIUM	500.0	488.90	97.8
CALCIUM	12500.0	12380.00	99.0
IRON	12500.0	12570.00	100.6
MAGNESIUM	12500.0	12660.00	101.3
MANGANESE	500.0	508.90	101.8
POTASSIUM	12500.0	12630.00	101.0
SODIUM	12500.0	12150.00	97.2
ZINC	500.0	490.40	98.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000308

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: IHG02C	Jul 02, 2014	23:51	
Analyte	True	Found	%R (1)
ALUMINUM	10000.0	10160.00	101.6
BARIUM	400.0	413.20	103.3
CALCIUM	10000.0	10220.00	102.2
IRON	10000.0	10140.00	101.4
MAGNESIUM	10000.0	10180.00	101.8
MANGANESE	400.0	411.40	102.8
POTASSIUM	13600.0	13470.00	99.0
SODIUM	10000.0	10120.00	101.2
ZINC	400.0	414.80	103.7

SAMPLE: CCV

File: IHG02C	Jul 03, 2014	0:28	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12650.00	101.2
BARIUM	500.0	501.60	100.3
CALCIUM	12500.0	12690.00	101.5
IRON	12500.0	12680.00	101.4
MAGNESIUM	12500.0	12860.00	102.9
MANGANESE	500.0	505.40	101.1
POTASSIUM	12500.0	12520.00	100.2
SODIUM	12500.0	12580.00	100.6
ZINC	500.0	502.90	100.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000309

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHG02C	Jul 03, 2014	1:24	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12650.00	101.2
BARIUM	500.0	507.30	101.5
CALCIUM	12500.0	12740.00	101.9
IRON	12500.0	12610.00	100.9
MAGNESIUM	12500.0	12910.00	103.3
MANGANESE	500.0	502.80	100.6
POTASSIUM	12500.0	12490.00	99.9
SODIUM	12500.0	12750.00	102.0
ZINC	500.0	508.70	101.7

SAMPLE: CCV

File: IHG02C	Jul 03, 2014	2:19	
Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12500.00	100.0
BARIUM	500.0	499.80	100.0
CALCIUM	12500.0	12380.00	99.0
IRON	12500.0	12450.00	99.6
MAGNESIUM	12500.0	12640.00	101.1
MANGANESE	500.0	492.80	98.6
POTASSIUM	12500.0	12410.00	99.3
SODIUM	12500.0	12560.00	100.5
ZINC	500.0	497.80	99.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000310

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: IHG02C

Jul 03, 2014

3:14

Analyte	True	Found	%R (1)
ALUMINUM	12500.0	12430.00	99.4
BARIUM	500.0	498.60	99.7
CALCIUM	12500.0	12310.00	98.5
IRON	12500.0	12290.00	98.3
MAGNESIUM	12500.0	12470.00	99.8
MANGANESE	500.0	488.30	97.7
POTASSIUM	12500.0	12290.00	98.3
SODIUM	12500.0	12560.00	100.5
ZINC	500.0	494.40	98.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000311

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: JHG01A Jul 01, 2014 13:48

Analyte	True	Found	%R (1)
ALUMINUM	400.0	411.30	102.8
ANTIMONY	20.0	20.21	101.1
ARSENIC	20.0	20.27	101.4
BERYLLIUM	20.0	19.55	97.8
CADMIUM	20.0	20.00	100.0
CALCIUM	4000.0	4215.00	105.4
CHROMIUM	20.0	19.66	98.3
COBALT	20.0	20.31	101.5
COPPER	20.0	20.05	100.3
IRON	4000.0	4137.00	103.4
LEAD	20.0	20.28	101.4
MAGNESIUM	4000.0	4233.00	105.8
MOLYBDENUM	40.0	41.16	102.9
NICKEL	20.0	20.85	104.3
POTASSIUM	4000.0	4159.00	104.0
SELENIUM	20.0	20.42	102.1
SILVER	20.0	20.34	101.7
SODIUM	4000.0	4145.00	103.6
THALLIUM	20.0	20.65	103.3
VANADIUM	20.0	19.84	99.2

SAMPLE: CCV

File: JHG01A Jul 01, 2014 14:07

Analyte	True	Found	%R (1)
ALUMINUM	500.0	518.60	103.7
ANTIMONY	25.0	24.52	98.1
ARSENIC	25.0	24.61	98.4
BERYLLIUM	25.0	23.01	92.0
CADMIUM	25.0	25.66	102.6
CALCIUM	5000.0	5034.00	100.7
CHROMIUM	25.0	24.76	99.0
COBALT	25.0	24.91	99.6
COPPER	25.0	24.89	99.6
IRON	5000.0	5018.00	100.4
LEAD	25.0	24.56	98.2
MAGNESIUM	5000.0	5015.00	100.3
MOLYBDENUM	25.0	25.46	101.8
NICKEL	25.0	25.00	100.0
POTASSIUM	5000.0	4984.00	99.7
SELENIUM	25.0	25.13	100.5
SILVER	25.0	25.45	101.8
SODIUM	5000.0	4932.00	98.6
THALLIUM	25.0	24.34	97.4
VANADIUM	25.0	24.55	98.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000312

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG01A Jul 01, 2014 14:47

Analyte	True	Found	%R (1)
ALUMINUM	500.0	505.00	101.0
ANTIMONY	25.0	24.73	98.9
ARSENIC	25.0	24.58	98.3
BERYLLIUM	25.0	22.93	91.7
CADMIUM	25.0	25.51	102.0
CALCIUM	5000.0	5013.00	100.3
CHROMIUM	25.0	24.79	99.2
COBALT	25.0	24.86	99.4
COPPER	25.0	24.88	99.5
IRON	5000.0	5066.00	101.3
LEAD	25.0	24.52	98.1
MAGNESIUM	5000.0	5045.00	100.9
MOLYBDENUM	25.0	24.89	99.6
NICKEL	25.0	25.06	100.2
POTASSIUM	5000.0	4969.00	99.4
SELENIUM	25.0	25.07	100.3
SILVER	25.0	25.45	101.8
SODIUM	5000.0	4968.00	99.4
THALLIUM	25.0	24.45	97.8
VANADIUM	25.0	24.72	98.9

SAMPLE: CCV

File: JHG01A Jul 01, 2014 15:27

Analyte	True	Found	%R (1)
ALUMINUM	500.0	512.50	102.5
ANTIMONY	25.0	24.53	98.1
ARSENIC	25.0	24.61	98.4
BERYLLIUM	25.0	22.34	89.4•
CADMIUM	25.0	25.79	103.2
CALCIUM	5000.0	5027.00	100.5
CHROMIUM	25.0	24.66	98.6
COBALT	25.0	24.67	98.7
COPPER	25.0	24.77	99.1
IRON	5000.0	4980.00	99.6
LEAD	25.0	24.81	99.2
MAGNESIUM	5000.0	4974.00	99.5
MOLYBDENUM	25.0	25.12	100.5
NICKEL	25.0	24.81	99.2
POTASSIUM	5000.0	4976.00	99.5
SELENIUM	25.0	24.72	98.9
SILVER	25.0	25.50	102.0
SODIUM	5000.0	4865.00	97.3
THALLIUM	25.0	25.00	100.0
VANADIUM	25.0	24.46	97.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000313

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG01A Jul 01, 2014 16:09

Analyte	True	Found	%R (1)
ALUMINUM	500.0	527.90	105.6
ANTIMONY	25.0	24.55	98.2
ARSENIC	25.0	24.94	99.8
BERYLLIUM	25.0	22.77	91.1
CADMIUM	25.0	26.33	105.3
CALCIUM	5000.0	5077.00	101.5
CHROMIUM	25.0	25.28	101.1
COBALT	25.0	25.35	101.4
COPPER	25.0	25.35	101.4
IRON	5000.0	5129.00	102.6
LEAD	25.0	25.03	100.1
MAGNESIUM	5000.0	5127.00	102.5
MOLYBDENUM	25.0	25.53	102.1
NICKEL	25.0	25.19	100.8
POTASSIUM	5000.0	5061.00	101.2
SELENIUM	25.0	25.17	100.7
SILVER	25.0	26.03	104.1
SODIUM	5000.0	5032.00	100.6
THALLIUM	25.0	24.95	99.8
VANADIUM	25.0	24.82	99.3

SAMPLE: CCV

File: JHG01A Jul 01, 2014 16:51

Analyte	True	Found	%R (1)
ALUMINUM	500.0	516.10	103.2
ANTIMONY	25.0	24.89	99.6
ARSENIC	25.0	25.06	100.2
BERYLLIUM	25.0	22.47	89.9
CADMIUM	25.0	26.00	104.0
CALCIUM	5000.0	5117.00	102.3
CHROMIUM	25.0	25.05	100.2
COBALT	25.0	25.12	100.5
COPPER	25.0	25.29	101.2
IRON	5000.0	5099.00	102.0
LEAD	25.0	24.70	98.8
MAGNESIUM	5000.0	5066.00	101.3
MOLYBDENUM	25.0	25.65	102.6
NICKEL	25.0	25.14	100.6
POTASSIUM	5000.0	5027.00	100.5
SELENIUM	25.0	25.60	102.4
SILVER	25.0	26.11	104.4
SODIUM	5000.0	4970.00	99.4
THALLIUM	25.0	24.92	99.7
VANADIUM	25.0	25.07	100.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000314

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG01A Jul 01, 2014 17:32

Analyte	True	Found	%R (1)
ALUMINUM	500.0	517.80	103.6
ANTIMONY	25.0	24.86	99.4
ARSENIC	25.0	24.90	99.6
BERYLLIUM	25.0	22.64	90.6
CADMIUM	25.0	25.92	103.7
CALCIUM	5000.0	5068.00	101.4
CHROMIUM	25.0	25.25	101.0
COBALT	25.0	25.09	100.4
COPPER	25.0	25.02	100.1
IRON	5000.0	5070.00	101.4
LEAD	25.0	24.75	99.0
MAGNESIUM	5000.0	5057.00	101.1
MOLYBDENUM	25.0	25.50	102.0
NICKEL	25.0	25.19	100.8
POTASSIUM	5000.0	5030.00	100.6
SELENIUM	25.0	25.16	100.6
SILVER	25.0	25.84	103.4
SODIUM	5000.0	4926.00	98.5
THALLIUM	25.0	24.93	99.7
VANADIUM	25.0	24.79	99.2

SAMPLE: CCV

File: JHG01A Jul 01, 2014 18:14

Analyte	True	Found	%R (1)
ALUMINUM	500.0	509.50	101.9
ANTIMONY	25.0	24.49	98.0
ARSENIC	25.0	24.82	99.3
BERYLLIUM	25.0	22.08	88.3•
CADMIUM	25.0	25.62	102.5
CALCIUM	5000.0	5000.00	100.0
CHROMIUM	25.0	24.61	98.4
COBALT	25.0	24.57	98.3
COPPER	25.0	24.34	97.4
IRON	5000.0	4987.00	99.7
LEAD	25.0	24.43	97.7
MAGNESIUM	5000.0	5021.00	100.4
MOLYBDENUM	25.0	24.98	99.9
NICKEL	25.0	24.40	97.6
POTASSIUM	5000.0	4975.00	99.5
SELENIUM	25.0	24.74	99.0
SILVER	25.0	25.39	101.6
SODIUM	5000.0	4904.00	98.1
THALLIUM	25.0	24.55	98.2
VANADIUM	25.0	24.26	97.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000315

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG01A

Jul 01, 2014

18:56

Analyte	True	Found	%R (1)
ALUMINUM	500.0	520.10	104.0
ANTIMONY	25.0	25.01	100.0
ARSENIC	25.0	25.10	100.4
BERYLLIUM	25.0	22.68	90.7
CADMIUM	25.0	26.20	104.8
CALCIUM	5000.0	5098.00	102.0
CHROMIUM	25.0	25.34	101.4
COBALT	25.0	25.45	101.8
COPPER	25.0	25.20	100.8
IRON	5000.0	5096.00	101.9
LEAD	25.0	24.88	99.5
MAGNESIUM	5000.0	5136.00	102.7
MOLYBDENUM	25.0	25.64	102.6
NICKEL	25.0	25.26	101.0
POTASSIUM	5000.0	5095.00	101.9
SELENIUM	25.0	25.55	102.2
SILVER	25.0	26.01	104.0
SODIUM	5000.0	5023.00	100.5
THALLIUM	25.0	25.00	100.0
VANADIUM	25.0	24.94	99.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000316

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: JHG02A Jul 02, 2014 15:33

Analyte	True	Found	%R (1)
ALUMINUM	400.0	401.30	100.3
ANTIMONY	20.0	20.14	100.7
ARSENIC	20.0	20.20	101.0
BERYLLIUM	20.0	19.82	99.1
CADMIUM	20.0	20.13	100.6
CALCIUM	4000.0	4186.00	104.7
CHROMIUM	20.0	19.69	98.5
COBALT	20.0	20.57	102.8
COPPER	20.0	20.15	100.7
IRON	4000.0	4150.00	103.8
LEAD	20.0	20.43	102.2
MAGNESIUM	4000.0	4166.00	104.2
MOLYBDENUM	40.0	41.48	103.7
NICKEL	20.0	20.83	104.1
POTASSIUM	4000.0	4112.00	102.8
SELENIUM	20.0	20.50	102.5
SILVER	20.0	20.63	103.1
SODIUM	4000.0	4109.00	102.7
THALLIUM	20.0	20.76	103.8
VANADIUM	20.0	20.18	100.9

SAMPLE: CCV

File: JHG02A Jul 02, 2014 15:52

Analyte	True	Found	%R (1)
ALUMINUM	500.0	515.70	103.1
ANTIMONY	25.0	24.48	97.9
ARSENIC	25.0	25.25	101.0
BERYLLIUM	25.0	23.23	92.9
CADMIUM	25.0	26.03	104.1
CALCIUM	5000.0	5105.00	102.1
CHROMIUM	25.0	25.34	101.4
COBALT	25.0	25.38	101.5
COPPER	25.0	25.29	101.2
IRON	5000.0	5098.00	102.0
LEAD	25.0	25.08	100.3
MAGNESIUM	5000.0	5150.00	103.0
MOLYBDENUM	25.0	26.06	104.2
NICKEL	25.0	25.61	102.4
POTASSIUM	5000.0	5006.00	100.1
SELENIUM	25.0	25.53	102.1
SILVER	25.0	25.98	103.9
SODIUM	5000.0	5048.00	101.0
THALLIUM	25.0	25.09	100.4
VANADIUM	25.0	25.12	100.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000317

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG02A Jul 02, 2014 16:32

Analyte	True	Found	%R (1)
ALUMINUM	500.0	520.10	104.0
ANTIMONY	25.0	24.37	97.5
ARSENIC	25.0	24.92	99.7
BERYLLIUM	25.0	22.61	90.4
CADMIUM	25.0	26.03	104.1
CALCIUM	5000.0	5100.00	102.0
CHROMIUM	25.0	25.57	102.3
COBALT	25.0	25.52	102.1
COPPER	25.0	25.50	102.0
IRON	5000.0	5115.00	102.3
LEAD	25.0	24.92	99.7
MAGNESIUM	5000.0	5144.00	102.9
MOLYBDENUM	25.0	25.57	102.3
NICKEL	25.0	25.29	101.2
POTASSIUM	5000.0	5065.00	101.3
SELENIUM	25.0	25.67	102.7
SILVER	25.0	25.96	103.8
SODIUM	5000.0	5082.00	101.6
THALLIUM	25.0	24.95	99.8
VANADIUM	25.0	25.38	101.5

SAMPLE: CCV

File: JHG02A Jul 02, 2014 17:11

Analyte	True	Found	%R (1)
ALUMINUM	500.0	517.30	103.5
ANTIMONY	25.0	24.35	97.4
ARSENIC	25.0	24.90	99.6
BERYLLIUM	25.0	22.08	88.3•
CADMIUM	25.0	26.01	104.0
CALCIUM	5000.0	5047.00	100.9
CHROMIUM	25.0	25.33	101.3
COBALT	25.0	25.36	101.4
COPPER	25.0	25.19	100.8
IRON	5000.0	5030.00	100.6
LEAD	25.0	24.95	99.8
MAGNESIUM	5000.0	5107.00	102.1
MOLYBDENUM	25.0	25.52	102.1
NICKEL	25.0	25.50	102.0
POTASSIUM	5000.0	4991.00	99.8
SELENIUM	25.0	25.45	101.8
SILVER	25.0	25.92	103.7
SODIUM	5000.0	4960.00	99.2
THALLIUM	25.0	24.94	99.8
VANADIUM	25.0	25.13	100.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000318

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG02A Jul 02, 2014 17:52

Analyte	True	Found	%R (1)
ALUMINUM	500.0	526.70	105.3
ANTIMONY	25.0	24.58	98.3
ARSENIC	25.0	25.09	100.4
BERYLLIUM	25.0	21.73	86.9•
CADMIUM	25.0	26.24	105.0
CALCIUM	5000.0	5119.00	102.4
CHROMIUM	25.0	25.51	102.0
COBALT	25.0	25.27	101.1
COPPER	25.0	25.47	101.9
IRON	5000.0	5093.00	101.9
LEAD	25.0	25.21	100.8
MAGNESIUM	5000.0	5153.00	103.1
MOLYBDENUM	25.0	25.87	103.5
NICKEL	25.0	25.44	101.8
POTASSIUM	5000.0	5071.00	101.4
SELENIUM	25.0	25.19	100.8
SILVER	25.0	26.24	105.0
SODIUM	5000.0	4990.00	99.8
THALLIUM	25.0	25.23	100.9
VANADIUM	25.0	25.33	101.3

SAMPLE: CCV

File: JHG02A Jul 02, 2014 18:33

Analyte	True	Found	%R (1)
ALUMINUM	500.0	521.30	104.3
ANTIMONY	25.0	24.36	97.4
ARSENIC	25.0	24.95	99.8
BERYLLIUM	25.0	21.79	87.2•
CADMIUM	25.0	26.18	104.7
CALCIUM	5000.0	5106.00	102.1
CHROMIUM	25.0	25.63	102.5
COBALT	25.0	25.41	101.6
COPPER	25.0	25.21	100.8
IRON	5000.0	5128.00	102.6
LEAD	25.0	25.25	101.0
MAGNESIUM	5000.0	5118.00	102.4
MOLYBDENUM	25.0	25.79	103.2
NICKEL	25.0	25.38	101.5
POTASSIUM	5000.0	4982.00	99.6
SELENIUM	25.0	25.44	101.8
SILVER	25.0	25.97	103.9
SODIUM	5000.0	5042.00	100.8
THALLIUM	25.0	25.34	101.4
VANADIUM	25.0	25.48	101.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000319

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG02A

Jul 02, 2014

19:07

Analyte	True	Found	%R (1)
ALUMINUM	500.0	527.60	105.5
ANTIMONY	25.0	24.79	99.2
ARSENIC	25.0	25.28	101.1
BERYLLIUM	25.0	22.45	89.8
CADMIUM	25.0	26.58	106.3
CALCIUM	5000.0	5151.00	103.0
CHROMIUM	25.0	25.55	102.2
COBALT	25.0	25.73	102.9
COPPER	25.0	25.42	101.7
IRON	5000.0	5163.00	103.3
LEAD	25.0	25.41	101.6
MAGNESIUM	5000.0	5192.00	103.8
MOLYBDENUM	25.0	26.13	104.5
NICKEL	25.0	25.45	101.8
POTASSIUM	5000.0	5000.00	100.0
SELENIUM	25.0	25.57	102.3
SILVER	25.0	26.57	106.3
SODIUM	5000.0	4987.00	99.7
THALLIUM	25.0	25.35	101.4
VANADIUM	25.0	25.36	101.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000320

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: JHG03A Jul 03, 2014 17:48

Analyte	True	Found	%R (1)
ALUMINUM	400.0	395.00	98.8
ARSENIC	20.0	19.87	99.4
BERYLLIUM	20.0	19.71	98.6
CALCIUM	4000.0	4129.00	103.2
IRON	4000.0	4099.00	102.5
MAGNESIUM	4000.0	4164.00	104.1
MOLYBDENUM	40.0	40.92	102.3
POTASSIUM	4000.0	4059.00	101.5
SODIUM	4000.0	4065.00	101.6

SAMPLE: CCV

File: JHG03A Jul 03, 2014 18:08

Analyte	True	Found	%R (1)
ALUMINUM	500.0	499.10	99.8
ARSENIC	25.0	24.73	98.9
BERYLLIUM	25.0	24.82	99.3
CALCIUM	5000.0	5055.00	101.1
IRON	5000.0	5083.00	101.7
MAGNESIUM	5000.0	4997.00	99.9
MOLYBDENUM	25.0	25.08	100.3
POTASSIUM	5000.0	4926.00	98.5
SODIUM	5000.0	5019.00	100.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000321

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG03A Jul 03, 2014 18:47

Analyte	True	Found	%R (1)
ALUMINUM	500.0	499.90	100.0
ARSENIC	25.0	24.15	96.6
BERYLLIUM	25.0	23.12	92.5
CALCIUM	5000.0	4980.00	99.6
IRON	5000.0	5058.00	101.2
MAGNESIUM	5000.0	4998.00	100.0
MOLYBDENUM	25.0	24.71	98.8
POTASSIUM	5000.0	4867.00	97.3
SODIUM	5000.0	4912.00	98.2

SAMPLE: CCV

File: JHG03A Jul 03, 2014 19:26

Analyte	True	Found	%R (1)
ALUMINUM	500.0	513.50	102.7
ARSENIC	25.0	24.72	98.9
BERYLLIUM	25.0	23.89	95.6
CALCIUM	5000.0	5051.00	101.0
IRON	5000.0	5102.00	102.0
MAGNESIUM	5000.0	5166.00	103.3
MOLYBDENUM	25.0	25.09	100.4
POTASSIUM	5000.0	4978.00	99.6
SODIUM	5000.0	5033.00	100.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000322

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG03A Jul 03, 2014 20:07

Analyte	True	Found	%R (1)
ALUMINUM	500.0	502.80	100.6
ARSENIC	25.0	24.56	98.2
BERYLLIUM	25.0	24.77	99.1
CALCIUM	5000.0	5033.00	100.7
IRON	5000.0	5061.00	101.2
MAGNESIUM	5000.0	5078.00	101.6
MOLYBDENUM	25.0	24.52	98.1
POTASSIUM	5000.0	4948.00	99.0
SODIUM	5000.0	5015.00	100.3

SAMPLE: CCV

File: JHG03A Jul 03, 2014 20:48

Analyte	True	Found	%R (1)
ALUMINUM	500.0	497.30	99.5
ARSENIC	25.0	24.57	98.3
BERYLLIUM	25.0	25.21	100.8
CALCIUM	5000.0	4989.00	99.8
IRON	5000.0	5042.00	100.8
MAGNESIUM	5000.0	5089.00	101.8
MOLYBDENUM	25.0	24.39	97.6
POTASSIUM	5000.0	4962.00	99.2
SODIUM	5000.0	5065.00	101.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000323

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: ICV

File: JHG05A	Jul 05, 2014	14:36	
Analyte	True	Found	%R (1)
ALUMINUM	400.0	399.00	99.8
BERYLLIUM	20.0	19.92	99.6
CALCIUM	4000.0	4047.00	101.2
IRON	4000.0	4061.00	101.5
MAGNESIUM	4000.0	4202.00	105.1
MOLYBDENUM	40.0	40.91	102.3
POTASSIUM	4000.0	4122.00	103.1
SODIUM	4000.0	4074.00	101.8

SAMPLE: CCV

File: JHG05A	Jul 05, 2014	14:56	
Analyte	True	Found	%R (1)
ALUMINUM	500.0	499.40	99.9
BERYLLIUM	25.0	23.99	96.0
CALCIUM	5000.0	4963.00	99.3
IRON	5000.0	4947.00	98.9
MAGNESIUM	5000.0	4945.00	98.9
MOLYBDENUM	25.0	24.93	99.7
POTASSIUM	5000.0	4944.00	98.9
SODIUM	5000.0	4853.00	97.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000324

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: CCV

File: JHG05A Jul 05, 2014 15:35

Analyte	True	Found	%R (1)
ALUMINUM	500.0	504.50	100.9
BERYLLIUM	25.0	23.88	95.5
CALCIUM	5000.0	5029.00	100.6
IRON	5000.0	5052.00	101.0
MAGNESIUM	5000.0	5008.00	100.2
MOLYBDENUM	25.0	24.87	99.5
POTASSIUM	5000.0	5003.00	100.1
SODIUM	5000.0	4836.00	96.7

SAMPLE: CCV

File: JHG05A Jul 05, 2014 16:14

Analyte	True	Found	%R (1)
ALUMINUM	500.0	504.80	101.0
BERYLLIUM	25.0	23.79	95.2
CALCIUM	5000.0	5053.00	101.1
IRON	5000.0	5022.00	100.4
MAGNESIUM	5000.0	5009.00	100.2
MOLYBDENUM	25.0	24.90	99.6
POTASSIUM	5000.0	5045.00	100.9
SODIUM	5000.0	4890.00	97.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

Katahdin Analytical Services A0000325

PQL STANDARD FOR AA AND ICP

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

Concentration Units: ug/L

SAMPLE: PQL

File: HHF27B Jun 27, 2014 15:02

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.22	110.0

PQL STANDARD FOR AA AND ICP

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

Concentration Units: ug/L

SAMPLE: PQL

File: HHF30A Jun 30, 2014 11:42

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.19	95.0

PQL STANDARD FOR AA AND ICP

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

Concentration Units: ug/L

SAMPLE: PQL

File: HHG04A Jul 04, 2014 12:59

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.23	115.0

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: IHF23B

Jun 23, 2014

18:44

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	319.90	106.6
BARIUM	5.0	5.66	113.2
CALCIUM	100.0	102.90	102.9
IRON	100.0	99.96	100.0
MAGNESIUM	100.0	107.80	107.8
MANGANESE	5.0	4.53	90.6
POTASSIUM	1000.0	1021.00	102.1
SODIUM	1000.0	1062.00	106.2
ZINC	20.0	20.60	103.0

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: IHF26A

Jun 26, 2014

13:34

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	313.90	104.6
BARIUM	5.0	5.52	110.4
CALCIUM	100.0	99.97	100.0
IRON	100.0	109.50	109.5
MAGNESIUM	100.0	108.90	108.9
MANGANESE	5.0	5.98	119.6
POTASSIUM	1000.0	1025.00	102.5
SODIUM	1000.0	1064.00	106.4
ZINC	20.0	20.78	103.9

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: IHG02A

Jul 02, 2014

10:06

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	307.10	102.4
BARIUM	5.0	5.37	107.4
CALCIUM	100.0	103.10	103.1
IRON	100.0	105.30	105.3
MAGNESIUM	100.0	112.40	112.4
MANGANESE	5.0	5.33	106.6
POTASSIUM	1000.0	1064.00	106.4
SODIUM	1000.0	1066.00	106.6
ZINC	20.0	20.38	101.9

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: IHG02C

Jul 03, 2014

00:00

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	315.00	105.0
BARIUM	5.0	5.48	109.6
CALCIUM	100.0	103.00	103.0
IRON	100.0	95.39	95.4
MAGNESIUM	100.0	96.10	96.1
MANGANESE	5.0	5.18	103.6
POTASSIUM	1000.0	1004.00	100.4
SODIUM	1000.0	1064.00	106.4
ZINC	20.0	20.41	102.1

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: JHG01A

Jul 01, 2014

13:54

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	61.67	102.8
ANTIMONY	0.2	0.22	110.0
ARSENIC	1.0	0.89	89.0
BERYLLIUM	0.2	0.19	95.0
CADMIUM	0.2	0.20	100.0
CALCIUM	20.0	17.59	87.9
CHROMIUM	1.0	0.95	95.0
COBALT	0.2	0.22	110.0
COPPER	0.6	0.63	105.0
IRON	20.0	21.00	105.0
LEAD	0.2	0.20	100.0
MAGNESIUM	20.0	20.32	101.6
MOLYBDENUM	1.0	0.96	96.0
NICKEL	0.4	0.39	97.5
POTASSIUM	200.0	201.80	100.9
SELENIUM	1.0	0.90	90.0
SILVER	0.2	0.21	105.0
SODIUM	200.0	212.50	106.3
THALLIUM	0.2	0.21	105.0
VANADIUM	1.0	0.95	95.0

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services

SDG Name: WE53-7

Concentration Units: ug/L

SAMPLE: PQL

File: JHG02A

Jul 02, 2014

15:39

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	62.08	103.5
ANTIMONY	0.2	0.20	100.0
ARSENIC	1.0	1.01	101.0
BERYLLIUM	0.2	0.20	100.0
CADMIUM	0.2	0.20	100.0
CALCIUM	20.0	20.80	104.0
CHROMIUM	1.0	0.97	97.0
COBALT	0.2	0.21	105.0
COPPER	0.6	0.63	105.0
IRON	20.0	21.35	106.8
LEAD	0.2	0.21	105.0
MAGNESIUM	20.0	20.54	102.7
MOLYBDENUM	1.0	1.04	104.0
NICKEL	0.4	0.43	107.5
POTASSIUM	200.0	210.80	105.4
SELENIUM	1.0	0.95	95.0
SILVER	0.2	0.20	100.0
SODIUM	200.0	212.80	106.4
THALLIUM	0.2	0.21	105.0
VANADIUM	1.0	0.99	99.0