

May 22, 2014

Rev. 1

WSCF Laboratory

PO Box 650 S3-30
Richland, WA 99352



May 22, 2014

Scot Fitzgerald
CH2M-HILL PRC
PO Box 1600
Richland, WA 99352

Dear Scot Fitzgerald,

REVISED140406 - 865949 [Report ID: 140406]

Reference: (1) SOW, Mod 2, #36587, Release 3
(2) MSC-SD-CD-QAPP-017, current version, Waste Sampling & Characterization Facility Quality Assurance Program Plan

This letter contains the following information for sample delivery group WSCF140406

- * Cover Sheet (Attachment 1)
- * Narrative (Attachment 2)
- * Analytical Results (Attachment 3)
- * Sample Receipt Information (Attachment 4)

Very truly yours,

A handwritten signature in black ink, appearing to read "Joseph Hale", is positioned above the typed name.

Electronically signed by Joseph Hale

For Lab Manager, Dan T. Smith

WSCF Analytical Lab

(509) 373-4804

Attachments 4

CC: w/Attachments

File/LB

REVISED140406 -

ATTACHMENT 1

COVER SHEET

Consisting of 2 pages
Including cover page

WSCF SAF Number Cross Reference

Group # WSCF140406
Data Deliverable Date 04/03/14

| SAF # | Sample ID | Sample # | Matrix | Sampled | Received |
|--------------|------------------|-----------------|---------------|----------------|-----------------|
| S14-012 | B2TJN1 | 140406001 | WATER | 03/03/14 | 03/03/14 |
| S14-001 | B2W4P9 | 140406002 | WATER | 03/03/14 | 03/03/14 |

ATTACHMENT 2

NARRATIVE

Consisting of 4 pages
Including cover page

Attachment 2
Narrative
WSCF140406, Rev.1

Revision 1: This case narrative replaces the prior in its entirety. It has been revised in response to RDR-R8206 (attached). The anion sample results for sample B2TJN1 have been corrected and are provided in this revised report.

Introduction

Samples were received at the WSCF laboratory as referenced on the WSCF SAF Number Cross Reference table included in the final report. The samples were analyzed for the analytes indicated on the attached copy of the chain of custody (COC) form in accordance with the *Statement of Work (SOW), to Contract 39818, Revision 4, "WSCF ANALYTICAL SERVICES FOR GROUNDWATER."*

The narrative (Attachment 2) will address sample characteristics, analyses requested and general information in performance of the analytical methods. A Data Summary Report (Attachment 3) includes analytical results, a comment report detailing method abnormalities, tentatively identified peaks if applicable, method references, and Laboratory QC information as applicable. Copies of the chain of custody and sample receipt documentation are included as Attachment 4.

It should be noted that the attached chain of custody was not stamped "ICED" by the WSCF Laboratory Sample Custodian during sample receiving. However, based on procedure LO-090-403 form "NOTICE OF IMPROPER SAMPLE SUBMITTAL" was not submitted and was not stamped "NOT ICED". No anomaly was noted during sample receipt.

The following generic data qualifiers (i.e., B, C, D, J and U) may be applicable to this report, as appropriate.

- **B** – Sample results with a concentration greater than the MDL but less than the PQL are B flagged (applies to inorganic and wet chemical analyses), as appropriate.
- **C** – Analyte was detected in the blank and was evaluated. Affected sample results in the batch were C flagged (applies to inorganic and wet chemical analyses).
- **D** – Sample results are D flagged if dilution(s) were required, as appropriate.
- **J** – Sample results with a concentration greater than the MDL but less than the PQL are J flagged (applies to organic analyses), as appropriate.
- **B (organic analyses)** – Analyte was detected in the blank and was evaluated. Affected sample results in the batch were B flagged.
- **U** – Analyzed for but not detected above limiting criteria. Relative Percent Difference (RPD) values associated with an analyte qualified with a "U" are not applicable.
- **o** – LCS recovery outside established laboratory acceptance limits.

Analytical Methodology for Requested Analyses

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Attachment 2
Narrative
WSCF140406, Rev.1

Refer to *WSCF Method References Report* for a complete listing of approved analytical methods.

Inorganic Comments

Anions – Hold time requirements for this analysis were met. A Matrix Spike, Matrix Spike Duplicate, Blank and Laboratory Control Sample were analyzed with this delivery group. Analytical Note(s):

- Chloride – Exceeded spiking levels by a factor of 4. Spike recoveries and associated RPDs are not valid.
- All other applicable QC controls are within the established limits.

We certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this data package has been authorized by the Analytical Laboratory Manager (or designee) and the Client Services representative as verified by electronic signatures shown on the WSCF ANALYTICAL RESULTS REPORT.

Attachment 2
Narrative
 WSCF140406, Rev.1

RECHECK, RECOUNT, OR REANALYSIS ORDER
 05/15/2014

Order Number: 140515WSCF-R8206

Waste Sampling & Characterization
 600 AREA Hanford, MSIN S3-28
 Richland, WA 99352

Sample Delivery Group:WSCF140405

Sample(s):

Method Name:300.0_ANIONS_IC

| Lab Sample ID | RDR Action Start Date | Constituent | Action | TAT (Hardcopy/EDD) |
|---|-----------------------|---------------------|---------|--------------------|
| 140405001 | 5/15/2014 3:37:11 PM | Nitrogen in Nitrate | RECHECK | 15 Days / 15 Days |
| Special Instructions: Probable swapped sample. SLF 05/15/2015 | | | | |
| Sample Delivery Group:WSCF140406 | | | | |
| Sample(s): | | | | |
| Method Name:300.0_ANIONS_IC | | | | |

| Lab Sample ID | RDR Action Start Date | Constituent | Action | TAT (Hardcopy/EDD) |
|---|-----------------------|-------------|---------|--------------------|
| 140406001 | 5/15/2014 3:37:11 PM | Chloride | RECHECK | 15 Days / 15 Days |
| Special Instructions: Probable swapped sample. SLF 05/15/2015 | | | | |

WSCF Response: The chemist reviewed the reported data and screening data for these samples and found they matched and were entered correctly. However, a reanalysis of the samples determined that they were indeed swapped. The results have been revised and the report will now be reissued.

Deliver Report Results to:CHPRC
 P.O. Box 1600
 Richland, WA 99352
 C/O Mr.Scot Fitzgerald

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ATTACHMENT 3

ANALYTICAL RESULTS

Consisting of 9 pages
Including cover page

WSCF ANALYTICAL RESULTS REPORT

For

CH2M Hill Plateau Remediation

PO Box 1600
Richland, WA 99352

Attention: Scot Fitzgerald

Contract # MOA-FH-CHPRC-2008
Group # WSCF140406
Report Date May 22, 2014

Analytical: Electronically signed by Joseph Hale

Client Services: Electronically signed by Marisol Avila

Solid samples results that have a 'Percent Solid' test are reported on a "dry weight basis", except results of TCLP, Percent Solid, and Total Activity. If no 'Percent Solid' test is reported then the results are reported on an "as received" basis.

This information is intended for the use of the addressee only. If the reader of this report is not the intended recipient or is not authorized by the recipient to receive the report, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify WSCF Laboratory immediately by telephone at (509) 373-7005. Information designation of this report is the responsibility of the customer.

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Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140406

| QC Batch | Analytical Batch | S# | Type | Sample # | Client Sample# | Original | Test |
|----------|------------------|----|--------|-----------|----------------------|-----------|--------------------------------------|
| 228935 | 228935 | 2 | BLANK | 106758 | BLANK | | Anions by Ion Chromatography (Water) |
| 228935 | 228935 | 3 | LCS | 106759 | LCS | | Anions by Ion Chromatography (Water) |
| 228935 | 228935 | 4 | MS | 106760 | B2VY28(140401005MS) | 140401005 | Anions by Ion Chromatography (Water) |
| 228935 | 228935 | 5 | MSD | 106761 | B2VY28(140401005MSD) | 140401005 | Anions by Ion Chromatography (Water) |
| 228935 | 228935 | 10 | SAMPLE | 140406001 | B2TJN1 | | Anions by Ion Chromatography (Water) |
| 228935 | 228935 | 11 | SAMPLE | 140406002 | B2W4P9 | | Anions by Ion Chromatography (Water) |

Method Reference

Attention Scot Fitzgerald
Department Inorganic

Group # WSCF140406

The results provided in this report were generated using the following WSCF Laboratory procedures. For your convenience, this table provides a listing of the regulatory, industry methods or HEIS methods that are referenced by each of these WSCF procedures. Please note that the most recent version of the regulatory or industry method is listed here even though WSCF procedure may reference an older version of the method. Also, a reference to a regulatory or industry method here does not necessarily indicate a verbatim implementation of that method.

| | | | |
|------------|--------------------------------------|-----------------|---|
| LA-533-410 | Anion Analysis by Ion Chromatography | | Determination of Inorganic Anions by Ion Chromatography |
| | EPA-600/R-94-111 | 300.0 | |
| | HEIS | 300.0_ANIONS_IC | Determination of Inorganic Anions by Ion Chromatography |

Note: A complete list of WSCF analytical procedures and reference regulatory or industry methods is available online at <http://www7.rl.gov/rapidweb/AS-DOL/index.cfm>

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140406

Sample # 140406001
 SAF# S14-012
 Sample ID B2TJN1

Matrix WATER
 Sampled 03/03/14
 Received 03/03/14

| Test Performed | CAS # | Method | RQ | Result | TP Err | Units | DF | MDL | PQL | Analyzed |
|---|------------|------------|----|--------|--------|-------|----|-------|------|----------|
| 03/03/14 | | | | | | | | | | |
| Anions by Ion Chromatography (Water) | | | | | | | | | | |
| Fluoride | 16984-48-8 | LA-533-410 | UD | <0.050 | | ug/mL | 2 | 0.050 | 1.0 | 03/03/14 |
| Chloride | 16887-00-6 | LA-533-410 | UD | <0.12 | | ug/mL | 2 | 0.12 | 0.80 | 03/03/14 |
| Nitrite-N | NO2-N | LA-533-410 | UD | <0.040 | | ug/mL | 2 | 0.040 | 0.20 | 03/03/14 |
| Nitrate-N | NO3-N | LA-533-410 | UD | <0.040 | | ug/mL | 2 | 0.040 | 0.20 | 03/03/14 |
| Phosphate-P | PO4-P | LA-533-410 | UD | <0.10 | | ug/mL | 2 | 0.10 | 1.0 | 03/03/14 |
| Sulfate | 14808-79-8 | LA-533-410 | UD | <0.22 | | ug/mL | 2 | 0.22 | 1.1 | 03/03/14 |

MDL = Minimum Detection Limit
 RQ = Result Qualifier
 TP Err = Total Propagated Error
 DF = Dilution Factor
 + - Indicates more than nine qualifier

B - Analyte < the PQL(or EQL)but >= the IDL/MDL(Inorganic)
 C - Analyte was found in the Associated Blank. (Inorganic)
 D - Analyte was reported at a secondary dilution factor.
 E - Analyte is an estimate, see comment section.
 N - MS and/or MSD recovery outside control limits.

U - Analyzed for but not detected above limiting criteria.
 X,Y or Z - See comment detail and/or narrative.
 PQL is equivalent to Estimated Quantitation Limit (EQL)
 o - LCS recovery outside established laboratory acceptance limits.

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Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140406

Sample # 140406002
 SAF# S14-001
 Sample ID B2W4P9

Matrix WATER
 Sampled 03/03/14
 Received 03/03/14

| Test Performed | CAS # | Method | RQ | Result | TP Err | Units | DF | MDL | PQL | Analyzed |
|---|------------|------------|----|--------|--------|-------|----|-------|------|----------|
| 03/03/14 | | | | | | | | | | |
| Anions by Ion Chromatography (Water) | | | | | | | | | | |
| Fluoride | 16984-48-8 | LA-533-410 | D | 8.33 | | ug/mL | 2 | 0.050 | 1.0 | 03/03/14 |
| Chloride | 16887-00-6 | LA-533-410 | D | 81.0 | | ug/mL | 2 | 0.12 | 0.80 | 03/03/14 |
| Nitrite-N | NO2-N | LA-533-410 | UD | <0.040 | | ug/mL | 2 | 0.040 | 0.20 | 03/03/14 |
| Bromide | 24959-67-9 | LA-533-410 | UD | <0.22 | | ug/mL | 2 | 0.22 | 0.50 | 03/03/14 |
| Nitrate-N | NO3-N | LA-533-410 | UD | <0.040 | | ug/mL | 2 | 0.040 | 0.20 | 03/03/14 |
| Phosphate-P | PO4-P | LA-533-410 | UD | <0.10 | | ug/mL | 2 | 0.10 | 1.0 | 03/03/14 |
| Sulfate | 14808-79-8 | LA-533-410 | UD | <0.22 | | ug/mL | 2 | 0.22 | 1.1 | 03/03/14 |

MDL = Minimum Detection Limit
 RQ = Result Qualifier
 TP Err = Total Propagated Error
 DF = Dilution Factor
 + - Indicates more than nine qualifier

B - Analyte < the PQL(or EQL)but >= the IDL/MDL(Inorganic)
 C - Analyte was found in the Associated Blank. (Inorganic)
 D - Analyte was reported at a secondary dilution factor.
 E - Analyte is an estimate, see comment section.
 N - MS and/or MSD recovery outside control limits.

U - Analyzed for but not detected above limiting criteria.
 X,Y or Z - See comment detail and/or narrative.
 PQL is equivalent to Estimated Quantitation Limit (EQL)
 o - LCS recovery outside established laboratory acceptance limits.

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Quality Control Report

May 22, 2014

Rev. 1

Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140406

Analytical Batch 228935 (QC Batch: 228935) Test Anions by Ion Chromatography (Water)
 Associated Samples 140406001, 140406002

| Analyte | CAS # | Original Found | QC Found | Units | % Recov | Limits | RPD | RPD Limit | RQ | Analyzed |
|--------------|------------|---------------------------|----------|-------|---------|----------|-----|-----------|----|----------|
| BLANK | | QC Sample #106758 | | | | | | | | |
| Fluoride | 16984-48-8 | <0.025 | | ug/mL | | | | | U | 03/03/14 |
| Chloride | 16887-00-6 | <0.060 | | ug/mL | | | | | U | 03/03/14 |
| Nitrite-N | NO2-N | <0.020 | | ug/mL | | | | | U | 03/03/14 |
| Bromide | 24959-67-9 | <0.11 | | ug/mL | | | | | U | 03/03/14 |
| Nitrate-N | NO3-N | <0.020 | | ug/mL | | | | | U | 03/03/14 |
| Phosphate-P | PO4-P | <0.050 | | ug/mL | | | | | U | 03/03/14 |
| Sulfate | 14808-79-8 | <0.11 | | ug/mL | | | | | U | 03/03/14 |
| LCS | | QC Sample #106759 | | | | | | | | |
| Fluoride | 16984-48-8 | 0.953 | | ug/mL | 96.3 | 90 - 110 | | | | 03/03/14 |
| Chloride | 16887-00-6 | 1.88 | | ug/mL | 95 | 90 - 110 | | | | 03/03/14 |
| Nitrite-N | NO2-N | 0.983 | | ug/mL | 100.5 | 90 - 110 | | | | 03/03/14 |
| Bromide | 24959-67-9 | 4.04 | | ug/mL | 103.1 | 90 - 110 | | | | 03/03/14 |
| Nitrate-N | NO3-N | 0.910 | | ug/mL | 102.8 | 90 - 110 | | | | 03/03/14 |
| Phosphate-P | PO4-P | 1.93 | | ug/mL | 100.8 | 90 - 110 | | | | 03/03/14 |
| Sulfate | 14808-79-8 | 3.95 | | ug/mL | 100.6 | 90 - 110 | | | | 03/03/14 |
| MS | | QC Sample #106760 | | | | | | | | |
| | | Original 140401005 | | | | | | | | |

* - QC result out of range

n/a - Not Applicable

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Quality Control Report

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Attention Scot Fitzgerald
 Department Inorganic

Group # WSCF140406

| Analyte | CAS # | Original Found | QC Found | Units | % Recov | Limits | RPD | RPD Limit | RQ | Analyzed |
|-------------|------------|--------------------------|---------------------------|-------|---------|----------|------|----------------------|----|----------|
| Fluoride | 16984-48-8 | | 0.928 | ug/mL | 92.8 | 80 - 120 | | | D | 03/03/14 |
| Chloride | 16887-00-6 | | 1.59 | ug/mL | 79.5 | 80 - 120 | | | DX | 03/03/14 |
| Nitrite-N | NO2-N | | 0.925 | ug/mL | 93.6 | 80 - 120 | | | D | 03/03/14 |
| Bromide | 24959-67-9 | | 3.93 | ug/mL | 99.2 | 80 - 120 | | | D | 03/03/14 |
| Nitrate-N | NO3-N | | 0.865 | ug/mL | 96.7 | 80 - 120 | | | D | 03/03/14 |
| Phosphate-P | PO4-P | | 1.81 | ug/mL | 93.9 | 80 - 120 | | | D | 03/03/14 |
| Sulfate | 14808-79-8 | | 3.56 | ug/mL | 90 | 80 - 120 | | | D | 03/03/14 |
| MSD | | QC Sample #106761 | | | | | | | | |
| | | | Original 140401005 | | | | | Paired 106760 | | |
| Fluoride | 16984-48-8 | | 0.898 | ug/mL | 89.8 | 80 - 120 | 2.60 | 20 | D | 03/03/14 |
| Chloride | 16887-00-6 | | 1.54 | ug/mL | 76.8 | 80 - 120 | 0.40 | 20 | DX | 03/03/14 |
| Nitrite-N | NO2-N | | 0.929 | ug/mL | 94 | 80 - 120 | 0.40 | 20 | D | 03/03/14 |
| Bromide | 24959-67-9 | | 3.82 | ug/mL | 96.4 | 80 - 120 | 2.90 | 20 | D | 03/03/14 |
| Nitrate-N | NO3-N | | 0.836 | ug/mL | 93.5 | 80 - 120 | 0.80 | 20 | D | 03/03/14 |
| Phosphate-P | PO4-P | | 1.75 | ug/mL | 90.5 | 80 - 120 | 3.70 | 20 | D | 03/03/14 |
| Sulfate | 14808-79-8 | | 3.38 | ug/mL | 85.2 | 80 - 120 | 0.30 | 20 | D | 03/03/14 |

* - QC result out of range

n/a - Not Applicable

REVISED140406 -

Attention: Scot Fitzgerald

Group #

WSCF140406

Quality Control Comments

Department Inorganic

106760 B2VY28(140401005MS)

Analyte Chloride - Anions by Ion Chromatography (Water)

[1] X5: Sample concentration exceed spiking level by a factor of 4. Spike recoveries are not valid.

106761 B2VY28(140401005MSD)

Analyte Chloride - Anions by Ion Chromatography (Water)

[1] X5: Sample concentration exceed spiking level by a factor of 4. Spike recoveries are not valid.

ATTACHMENT4

SAMPLE RECEIPT

Consisting of 4 pages
Including cover page

Waste Sampling and Characterization Facility
P.O. Box 650 S3-30, Richland WA 99352
Phone: (509) 373-7005/FAX: (509) 372-0456

ACKNOWLEDGEMENT OF SAMPLES RECEIVED

WSCF Laboratory

PO Box 650 S3-30
 Richland, WA 99352

ATTN: Scot Fitzgerald

Customer Code: CHPRC
CA CN: 401647
Work Order #: 140406
Customer Work ID: S14-012-478
Due Date: 04/03/2014

The following samples were received from you on 3/3/2014 3:00:00 PM. They have been scheduled for the tests listed below each sample. If this information is incorrect, please contact WSCF Client Services. Thank you for using Waste Sampling and Characterization Facility.

| Sample # | Sample ID | Matrix | Collected | Received |
|--------------------------------------|------------------|-------------------------|----------------|----------------|
| 140406001 | B2TJN1 | WATER | 3/3/2014 08:00 | 3/3/2014 15:00 |
| Procedure | | Compound List | | |
| Anions by Ion Chromatography (Water) | | F,Cl,NO2,NO3,P04,S04 | | |
| Sample # | Sample ID | Matrix | Collected | Received |
| 140406002 | B2W4P9 (S14-001) | WATER | 3/3/2014 14:02 | 3/3/2014 15:00 |
| Procedure | | Compound List | | |
| Anions by Ion Chromatography (Water) | | F,Cl,NO2,Br,NO3,P04,S04 | | |

Chain of Custody

| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | C.O.C. # S14-012-478 | |
|--|---|--|--|---|---|--------------------------------|--|
| Collector: JG Fulton CHPRC | | Contract Requester: Karen Waters-Ilsted | Telephone No.: 509-376-4650 | Page 1 of 1 | | | |
| SAF No.: S14-012 | Project Title: SURV, DECEMBER 2013 | Sampling Origin: Hanford Site | Purchase Order/Charge Code: 30007IESS20 | | | | |
| Shipped To (Lab): Waste Sampling & Characterization | Logbook No.: INF-N-506 61167 | Method of Shipment: GOVERNMENT VEHICLE | Ice Chest No.: N/A | Bill of Lading/Air Bill No.: N/A | | | |
| Protocol: SURV | Priority: 31 Days | PRIORITY | Offsite Property No.: N/A | Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | | | SPECIAL INSTRUCTIONS | | | |
| *** Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR but are not releasable per DOE Order 5100.5 (1996/1997) | | | | Site Wide Generator Knowledge Information Form applies. The CACN for analytical work at WSCP is 4016-17. FY13 and FY14 samples cannot be in the same SDG. | | | |
| Sample No.: 140430P | Filter: N | Date: 3-3-14 | Time: 6:56 D | Not Yr Cont: 1x800-mL P | Received By: 300_0_ANONS_IC: GW CT | Sample Analysis: COMMON | Sample Analysis: COMMON |
| B2JUN1 | N | W | 3-3-14 | 6:56 D | 300_0_ANONS_IC: GW CT | COMMON | COMMON |
| Retinquished By: JG Fulton | Retinquished By: JG Fulton | Date/Time: 3-3-14 15:00 | Received By: TA FANZIER | Date/Time: 3-3-14 15:00 | Received By: TA FANZIER | Date/Time: 3-3-14 15:00 | Matrix: S = Soil, SE = Sediment, SU = Solid, SL = Sludge, W = Water, O = Oil, A = Air, DS = Dism Solids, DL = Dism Liquids, T = Tissue, WI = Wire, L = Liquid, V = Vegetation, X = Other |
| Retinquished By: JG Fulton | Retinquished By: JG Fulton | Date/Time: 3-3-14 15:00 | Received By: TA FANZIER | Date/Time: 3-3-14 15:00 | Received By: TA FANZIER | Date/Time: 3-3-14 15:00 | Matrix: S = Soil, SE = Sediment, SU = Solid, SL = Sludge, W = Water, O = Oil, A = Air, DS = Dism Solids, DL = Dism Liquids, T = Tissue, WI = Wire, L = Liquid, V = Vegetation, X = Other |
| FINAL SAMPLE DISPOSITION | | Disposal Method (e.g., Return to customer, per lab procedure, used in process) | | | | | |
| PRINTED O 2/4/2011 | | A-6004.842 (REV 2) | | | | | |

Chain of Custody

| | | | | | | |
|--|-----------------------------------|--|---|--------------------|--|--|
| CH2M Hill Plateau Remediation Company | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | C.O.C.# S14-001-481 |
| | | Page 1 of 1 | | | | |
| Collector | JC Fulton CHPRC | Contact/Requester | Katon Waters-Husted Hanford Site | | Telephone No. | 509-376-4650 |
| SAF No. | S14-001 | Sampling Origin | | | Purchase Order/Charge Code | 30007IES20 |
| Project Title | SURY, JANUARY 2014 | Logbook No. | INF-N-50621/67 | | Ice Chest No. | N/A |
| Shipped To (Lab) | Waste Sampling & Characterization | Method of Shipment | GOVERNMENT VEHICLE | | Bill of Lading/Air Bill No. | N/A |
| Protocol | SURY | Priority | 31 Days | | Offsite Property No. | N/A |
| POSSIBLE SAMPLE HAZARDS/REMARKS | | | SPECIAL INSTRUCTIONS | | Hold Time | Total Activity Exemption: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| ** ** Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. | | | Site Wide Generator Knowledge Information Form applies. The CACN for analytical work is WSCP is 40/647. | | | |
| Sample No. | Filter | Date | Time | Net/Type Container | Sample Analysis | Preservative |
| D2W479 | N | 3-3-14 | 1462 | 1x500 mL P | 300.0 ANONS_IC: COMMON; 300.0 ANONS_IC: GW 02 | 48 Hour |
| Relinquished By | Sign | Date/Time | Received By | Sign | Date/Time | Matrix * |
| JC Fulton | | 3-3-14 1500 | TA Frazier | | 3-3-14 1500 | S - Soil SE - Sediment SC - Solid SL - Sludge W - Water O - Oil A - Air |
| Relinquished By | Sign | Date/Time | Received By | Sign | Date/Time | DJS - Drums Solids DL - Drum Liquids T - Tissue WT - Waste L - Liquid V - Vegetation X - Other |
| Relinquished By | | Date/Time | Received By | | Date/Time | |
| FINAL SAMPLE DISPOSITION | | Disposition Method (e.g. Return to customer, per lab procedure, used in process) | | Disposed By | | Date/Time |
| | | | | | | |

PRINTED O 3/20/2014

A-F004-842 (REV 2)