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FINAL REPORT FOR THE SAMPLES RECEIVED IN SEPTEMBER, 2011, FOR SAF F11-056

Document No.: 20111492 Rev. 0
SDG: 222S20111492

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Date Published
September 29, 2011

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Julie Osborn September 29, 2011
J.A. Osborn, Project Manager

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222-S LABORATORY

FINAL REPORT FOR THE SAMPLES RECEIVED IN SEPTEMBER, 2011, FOR SAF F11-056

1.0 INTRODUCTION

This final report presents the results for the four water samples taken on September 13, 2011. The samples were analyzed in accordance with Sampling Authorization Form (SAF) F11-056 and ATL-MP-1011; *ATL Quality Assurance Project Plan for 222-S Laboratory* (QAPP). The following attachments are included in this report.

Attachment 1	Data Summary Report
Attachment 2	Holding Time Report
Attachment 3	Receipt Paperwork

2.0 SAMPLE RECEIPT AND HANDLING

The samples were received on September 20, 2011, in good condition and with adequate paperwork.

3.0 ANALYTICAL RESULTS SUMMARY

The Data Summary Report (Attachment 1) present the final analytical results for those analytes requested in the SAF. The "Det Limit" column in Attachment 1 contains the method detection limit (MDL) for non-radionuclide analyses.

In Attachment 1, the column labeled "A#" indicates the aliquot class or the method used for sample preparation before analysis. For analysis without a preparation step, this column is left blank.

Manual calculations using rounded results from the Data Summary Report or result calculation forms may differ slightly from the actual results derived from the raw data.

4.0 PH

Analysis for pH was performed on aliquots of the water samples. The LCS met the criterion listed in ATL-MP-1011. The RPD was within 20%.

5.0 PROCEDURES

Table 1 lists the analytical procedure used for analysis of this sample.

Table 1. Analytical Procedures.

Analysis	Preparation Method	Analysis Procedure
pH Determination Of Aqueous Samples		LA-212-106 Rev. I-0 SW-846 9040C

6.0 REFERENCES

ATL-MP-1011, 2011, *ATL Quality Assurance Project Plan for 222-S Laboratory*, Rev. 10-A, Applied Technologies and Laboratories International, Inc., Richland, Washington.

Sampling Authorization Form F11-056; September 2011– F11-056, 2011, CH2M Hill, Plateau Remediation Company, Richland, Washington.

SW-846, 1986, *Test Methods for Evaluating Solid Waste: Physical/Chemical Methods,* Third Edition, as amended, U.S. Environmental Protection Agency, Washington, D.C.

Attachment 1

DATA SUMMARY REPORT

WSCF Diversion 2011-09
Data Summary Report

Sample Group: 20111492

Customer Group or SDG Number: 222DS20111492

Customer Sample ID: B28368

Customer Sample ID: B28368

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S11M000501			PH	pH	unitless	n/a	n/a	5.52	n/a	n/a	n/a	n/a	0.0100	n/a	

NA = Not Analyzed, ND = Not Detected

WSCF Diversion 2011-09
Data Summary Report

Sample Group: 20111492

Customer Group or SDG Number: 222DS20111492

Customer Sample ID: B2H366-A

Customer Sample ID: B2H366-A

Sample# R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S11M000503		PH	pH	unitless	n/a	n/a	6.07	n/a	n/a	n/a	n/a	0.0100	n/a	

NA = Not Analyzed, ND = Not Detected

WSCF Diversion 2011-09
Data Summary Report

Sample Group: 20111492

Customer Group or SDG Number: 222DS20111492

Customer Sample ID: B2H367

Customer Sample ID: B2H367

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S11M000502			PH	pH	unitless	n/a	n/a	6.07	n/a	n/a	n/a	n/a	0.0100	n/a	

NA = Not Analyzed, ND = Not Detected

WSCF Diversion 2011-09
Data Summary Report

Sample Group: 20111492
Customer Group or SDG Number: 222DS20111492
Customer Sample ID: B2H369
Customer Sample ID: B2H369

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S11M000500			PH	pH	unitless	n/a	n/a	5.52	5.65	5.58	2.33	n/a	0.0100	n/a	

NA = Not Analyzed, ND = Not Detected

Attachment 2

HOLDING TIME REPORT

Holding Time	Sample Group	Sample	Matrix	Method	Sample Date	Received Date	Prep Date	Analysis Date
09/14/11 08:15	20111492	S11M000503	LIQUID	PH LIQUID	09/13/11 08:15	09/20/11 15:00	N/A	09/21/11 11:00
09/14/11 08:17	20111492	S11M000502	LIQUID	PH LIQUID	09/13/11 08:17	09/20/11 15:00	N/A	09/21/11 11:00
09/14/11 08:20	20111492	S11M000501	LIQUID	PH LIQUID	09/13/11 08:20	09/20/11 15:00	N/A	09/21/11 11:00
09/14/11 08:25	20111492	S11M000500	LIQUID	PH LIQUID	09/13/11 08:25	09/20/11 15:00	N/A	09/21/11 11:00

09/28/2011 08:03

holdtimereport 2.7.29

MissedHoldTimexls v 2.7.29

Attachment 3

RECEIPT PAPERWORK

ATL	SAMPLE RECEIPT AND CHAIN OF CUSTODY VERIFICATION CHECKLIST	LO-090-101 Rev EE.0

Date Samples Received: _____

Number of Samples: 15

Sample Custodian: [illegible]

Group #: 20111491 3 CN
20111492 4 Ph
20111493 8 CN

Sample Custodian to Complete:

Action	Yes	No	N/A	Comments
RSA/COC provided?	✓			
RSR provided?			✓	
Verify GKI is complete			✓	☐ In Project File
Check that outer custody seal is intact, if present			✓	
Record cooler temperature in centigrade, as appropriate	1°C			☐ Check if no cooler and/or no ice
Samples are intact and in good condition	✓			If No, provide comments on back
Verify that COC or RSA is accurate and complete, containing the following information:				
• Client name and client sample number	✓			
• Date and time of sampling	✓			
• Sampling location or origin	✓			
• Container type, size, and number	✓			
• Preservatives (if used) are noted on the COC/RSA and sample bottle	✓			
• Analysis request is clear	✓			
• Signature of persons relinquishing and receiving samples	✓			
• Date and/or time of sample custody exchange	✓			
Verify that sample numbers on containers match the COC and/or RSA.	✓			
Samples stored properly (e.g., refrigeration)	✓			

Notify the PM immediately if any problems are noted. (Any "No" checked requires Project Manager resolution.)

PM to Complete:

Samples acceptable for release? yes PM Initials RK Date 9.20.11

If No, comment on communication and resolution: Per G.P.R

Other Comments:

A-6005-342 (REV 2)

20111492 - Rev. 0 SEPTEMBER 29, 2011 9/15/11

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F11-056-014 —A PAGE 1 OF 1

COLLECTOR: KC Patterson CHPRC	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: C01	DATA TURNAROUND: 12 Days / 12 Days
SAMPLING LOCATION: Resin Vessel Valve #V-W328B; SET 2	PROJECT DESIGNATION: 100-KW Pump & Treat - SIR-700 Resin - Water		SAF NO.: F11-056	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF -N-507- 21	ACTUAL SAMPLE DEPTH: N/A	COA: 300087ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	ORIGINAL
SHIPPED TO: mmo 9-21-11 ~~Waste Sampling & Characterization~~ 2225	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2	Cool~4C	Cool~4C	Cool~4C	Cool~4C	None	HNO3 to pH <2	HCl to pH <2	None
HOLDING TIME	6 Months	24 Hours	48 Hours	14 Days	7 Days	ASAP	6 Months	6 Months	6 Months
TYPE OF CONTAINER	G/P	aG	P	G/P	G/P	G/P	G/P	G/P	G
NO. OF CONTAINER(S)	1	1	1 KB 9/20/11		1	1	1	2 KB 9/20/11	1
VOLUME	500mL	120mL	60mL	250mL	500mL	60mL	1L	1L	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	TDS (Total dissolved solids);	pH - SM4500 (Water) (pH Measurement);	Strontium-89,90 -- Total Sr;	Technetium-99;	Tritium - Ion Ex;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B2H369 4	WATER	SEP 13 2011	0825	✓	✓	✓	✓	✓	✓	✓	✓	✓

GRP# 20111492
SAM# S11M000500

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KC Patterson CHPRC	SEP 13 2011 1020	TA Frazier	SEP 13 2011 1020
[illegible]	9/13/11 1100	KB 9/13/11	9-13-11 1100
KB [illegible]	9/20/11 1445	DON BROTHERTON / CHPRC	9/20/11 1445
DON BROTHERTON / CHPRC	SEP 20 2011 1500	[illegible]	SEP 20 2011 1500

SPECIAL INSTRUCTIONS
** The CACN for all analytical work at WSCF laboratory is 401636ES20.☐☐** The 100 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
(1) ICP/MS - 200.8 (TAL) {Chromium}; ICP/MS - 200.8 (Add-on) {Uranium}; ICP Metals - 6010 (TAL) {Calcium, Magnesium, Potassium, Sodium};
(2) IC Anions - 300.0 {Chloride, Nitrogen in Nitrate, Phosphorus in phosphate, Sulfate};
(3) 2320_ALKALINITY {Alkalinity, Bicarbonate, Carbonate alkalinity, Hydroxylion};

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 9/7/2011

A-6003-618 (REV 2)

20111492 - Rev. 0 SEPTEMBER 29, 2011

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F11-056-013 — A 14/3/11 PAGE 1 OF 1

COLLECTOR: KC Patterson CHPRC	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: C01	DATA TURNAROUND: 12 Days / 12 Days
SAMPLING LOCATION: Resin Vessel Valve #V-W228B; SET 2	PROJECT DESIGNATION: 100-KW Pump & Treat - SIR-700 Resin - Water		SAF NO.: F11-056	AIR QUALITY: ☐	
ICE CHEST NO.	FIELD LOGBOOK NO.: ~~HNF-N-507-~~ 21	ACTUAL SAMPLE DEPTH: N/A	COA: 300087ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	ORIGINAL
SHIPPED TO: ~~Waste Sampling & Characterization~~ MMA 9-21-11 2225	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2	Cool~4C	Cool~4C	Cool~4C	Cool~4C	None	HNO3 to pH <2	HCl to pH <2	None
HOLDING TIME	6 Months	24 Hours	48 Hours	14 Days	7 Days	ASAP	6 Months	6 Months	6 Months
TYPE OF CONTAINER	G/P	aG	P	G/P	G/P	G/P	G/P	G/P	G
NO. OF CONTAINER(S)	1	1	1 KB 9/20/11	1	1	1	1	2	1
VOLUME	500mL	120mL	60mL	250mL	500mL	60mL	1L	1L KB 9/20/11	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	TDS {Total dissolved solids};	pH - SM4500 (Water) {pH Measurement};	Strontium-89,90 -- Total Sr;	Technetium-99;	Tritium - Ion Ex;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B2H368 -- A 3	WATER	SEP 1 3 2011	0820	✓	✓	✓	✓	✓	✓	✓	✓	✓

GRP# 20111492
SAM# S11M000501

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/ PRINT NAMES RECEIVED BY/STORED IN	DATE/TIME
KC Patterson CHPRC	SEP 1 3 2011 1020	TA Frazier	SEP 1 3 2011 1020
[illegible]	9/13/11 1100		9/13/11 1100
[illegible]	9/20/11 1425	DON BROTHERTON / CHPRC	9/20/11 1425
DON BROTHERTON / CHPRC	SEP 2 0 2011 1500	RHSteele AH	SEP 2 0 2011 1500

SPECIAL INSTRUCTIONS

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(1) ICP/MS - 200.8 (TAL) {Chromium}; ICP/MS - 200.8 (Add-on) {Uranium}; ICP Metals - 6010 (TAL) {Calcium, Magnesium, Potassium, Sodium};
(2) IC Anions - 300.0 {Chloride, Nitrogen in Nitrate, Phosphorus in phosphate, Sulfate};
(3) 2320_ALKALINITY {Alkalinity, Bicarbonate, Carbonate alkalinity, Hydroxylion};

LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

PRINTED ON 9/7/2011

A-6003-618 (REV 2)

20111492 - Rev. 0 SEPTEMBER 29, 2011 mmd 9-21-11

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F11-056-012 - A PAGE 1 OF 1

COLLECTOR: KC Patterson CHPRC	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: C01	DATA TURNAROUND: 12 Days / 12 Days
SAMPLING LOCATION: Resin Vessel Valve #V-W128B; SET 2	PROJECT DESIGNATION: 100-KW Pump & Treat - SIR-700 Resin - Water		SAF NO.: F11-056	AIR QUALITY: [ ]	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF -N-507- 21	ACTUAL SAMPLE DEPTH: N/A	COA: 300087ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	ORIGINAL
SHIPPED TO: 9-21-11 mmd ~~Waste Sampling & Characterization~~ 2225	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2	Cool~4C	Cool~4C	Cool~4C	Cool~4C	None	HNO3 to pH <2	HCl to pH <2	None
HOLDING TIME	6 Months	24 Hours	48 Hours	14 Days	7 Days	ASAP	6 Months	6 Months	6 Months
TYPE OF CONTAINER	G/P	aG	P	G/P	G/P	G/P	G/P	G/P	G
NO. OF CONTAINER(S)	1	1	1	1	1	1	1	2	1
VOLUME	500mL	120mL	60mL	250mL	500mL	60mL	1L	1L	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	TDS (Total dissolved solids);	pH - SM4500 (Water) (pH Measurement);	Strontium-89,90 -- Total Sr;	Technetium-99;	Tritium - Ion Ex;

9/20/11 KB

KB 9/20/11

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B2H367 — A 2	WATER	SEP 13 2011	0813

GRP# 20111492
SAM# S11M000502

CHAIN OF POSSESSION / SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KC Patterson CHPRC	SEP 13 2011	JA Frazier	SEP 13 2011
	9/13/11 1100	KB 9/13/11	9/13/11 1100
KBreneah K Breaux	9/20/11 1475	DON BROTHERTON / CHPRC	9/20/11 1475
DON BROTHERTON / CHPRC	SEP 20 2011 1500	[illegible]	SEP 20 2011 1500

SPECIAL INSTRUCTIONS
** The CACN for all analytical work at WSCF laboratory is 401636ES20.□□** The 100 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
(1) ICP/MS - 200.8 (TAL) {Chromium}; ICP/MS - 200.8 (Add-on) {Uranium}; ICP Metals - 6010 (TAL) {Calcium, Magnesium, Potassium, Sodium};
(2) IC Anions - 300.0 {Chloride, Nitrogen in Nitrate, Phosphorus in phosphate, Sulfate};
(3) 2320_ALKALINITY {Alkalinity, Bicarbonate, Carbonate alkalinity, Hydroxylion};

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

PRINTED ON 9/7/2011

A-6003-618 (REV 2)

20111492 - Rev. 0 SEPTEMBER 29, 2011 9-21-11 mmo

CH2MHill Plateau Remediation Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

F11-056-011 - A

PAGE 1 OF 1

COLLECTOR: KC Patterson CHPRC	COMPANY CONTACT: EVANS, RT	TELEPHONE NO.: 373-7924	PROJECT COORDINATOR: EVANS, RT	PRICE CODE: C01	DATA TURNAROUND: 12 Days / 12 Days
SAMPLING LOCATION: Effluent Tank valve #V-WJ13; SET 2	PROJECT DESIGNATION: 100-KW Pump & Treat - SIR-700 Resin - Water		SAF NO.: F11-056	AIR QUALITY: [ ]	
ICE CHEST NO.	FIELD LOGBOOK NO.: HNF-N-507-21	ACTUAL SAMPLE DEPTH: N/A	COA: 300087ES10	METHOD OF SHIPMENT: GOVERNMENT VEHICLE	ORIGINAL
SHIPPED TO: 9-21-11 mmo ~~Waste Sampling & Characterization~~ 2225	OFFSITE PROPERTY NO.: N/A		BILL OF LADING/AIR BILL NO.: N/A		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
Contains Radioactive Material at concentrations that may or may not be regulated for transportation per 49 CFR / IATA Dangerous Goods Regulations but are not releasable per DOE Order 5400.5 (1990/1993)

113161

SPECIAL HANDLING AND/OR STORAGE

PRESERVATION	HNO3 to pH <2	Cool~4C	Cool~4C	Cool~4C	Cool~4C	None	HNO3 to pH <2	HCl to pH <2	None
HOLDING TIME	6 Months	24 Hours	48 Hours	14 Days	7 Days	ASAP	6 Months	6 Months	6 Months
TYPE OF CONTAINER	G/P	aG	P	G/P	G/P	G/P	G/P	G/P	G
NO. OF CONTAINER(S)	1	1	1	1	1	1	1	2	1
VOLUME	500mL	120mL	60mL	250mL	500mL	60mL	1L	1L	250mL
SAMPLE ANALYSIS	SEE ITEM (1) IN SPECIAL INSTRUCTIONS	Chromium Hex - 7196;	SEE ITEM (2) IN SPECIAL INSTRUCTIONS	SEE ITEM (3) IN SPECIAL INSTRUCTIONS	TDS {Total dissolved solids};	pH - SM4500 (Water) {pH Measurement};	Strontium-89,90 -- Total Sr;	Technetium 99;	Tritium - Ion Ex;

KB 9/20/11

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME									
B2H366 - A	WATER	SEP 13 2011	0815	✓	✓	✓	✓	✓	✓	✓	✓	✓

GRP# 20111492
SAM# S11M000503

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
KC Patterson CHPRC	SEP 13 2011	TA Frazier	SEP 13 2011 1000
[illegible]	9/13/11 1100		KB 9/13/11 1100
Breazeal	9/20/11 1425	DON BROTHERTON / CHPRC	9/20/11 1445
DON BROTHERTON / CHPRC	SEP 20 2011 1500	[illegible]	SEP 20 2011 1500

SPECIAL INSTRUCTIONS
** The CACN for all analytical work at WSCF laboratory is 401636ES20.□□** The 100 Area S&GRP Characterization and Monitoring Sampling and Analysis GKI applies to this SAF.
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(2) IC Anions - 300.0 {Chloride, Nitrogen in Nitrate, Phosphorus in phosphate, Sulfate};
(3) 2320_ALKALINITY {Alkalinity, Bicarbonate, Carbonate alkalinity, Hydroxylion};

LABORATORY SECTION — RECEIVED BY — TITLE — DATE/TIME

FINAL SAMPLE DISPOSITION — DISPOSAL METHOD — DISPOSED BY — DATE/TIME

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A-6003-618 (REV 2)