

**FINAL REPORT FOR THE SAMPLES RECEIVED IN
FEBRUARY, 2010 FOR SAF X10-036**

**Document No.: 20100191
SDG: 222S20100191**

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Advanced Technologies and Laboratories International, Inc.

Date Published
April 28, 2010

Prepared for:

Prepared by:



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Carolina S. Menjivar 4/29/10
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C. S. Menjivar, Project Manager

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222-S LABORATORY**FINAL REPORT FOR THE SAMPLES RECEIVED IN FEBRUARY, 2010
FOR SAF X10-036****1.0 INTRODUCTION**

This final report presents the results for three water samples taken on February 25, 2010. The samples were analyzed in accordance with Sampling Authorization Form X10-036; *2BP5 Depth Discrete Sampling Feb 2010* (SAF), 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
Attachment 4	Issue Resolution Form
Attachment 5	Original Analysis Results/Analysis Time

2.0 SAMPLE RECEIPT AND HANDLING

Samples were received on February 26, 2010 with adequate paperwork. The measured temperature of the outside of the sample container was 1 °C. This was reported to the client on the laboratory's sample receipt check list (see Attachment 3).

3.0 ANALYTICAL RESULTS SUMMARY

The Data Summary Report (Attachment 1) presents the final analytical results. The "Det Limit" column in Attachment 1 contains the method detection limit (MDL). In order to demonstrate batch precision and accuracy, Attachment 1 also contains the matrix spikes and duplicates associated with the analysis of the samples in this SDG, even if they were from a different SGD.

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.

The "Qual Flags" column in Attachment 1 contains data qualifier flags that are defined as follows:

- "U" indicates that the reported result is less than the calculated method detection limit.
- "B" indicates that the reported result is greater than the method detection limit (MDL), but less than the estimated quantitation limit (EQL).

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.

3.1 ANALYSES

3.1.1 Anions by Ion Chromatography

The ion chromatography analysis for anions was performed by preparing dilutions of the samples. All requirements in the SAF and QAPP were met, except the holding time requirement of 48 hours for nitrite, and bromide. This was due to following reasons:

- Dilutions of the samples were prepared on 02/26/2010. Holding time requirement was met; however, these dilutions did not provide results with required detection limits for nitrite and bromide (see Attachment 5).
- Due to an oversight of our analytical staff, reanalysis was not performed until 04/05/2010. Detection limits were achieved; however, the analysis time lapse exceeded the holding time requirements (see Attachment 4).

4.0 PROCEDURES

Table 1 lists the analytical procedures used for analysis of these samples.

Table 1. Analytical Procedures.

Analysis	Preparation Method	Analysis Procedure
Anions by Ion Chromatography	NA	SW846-9056A

5.0 REFERENCES

ATL-MP-1011, 2009, *ATL Quality Assurance Project Plan for 222-S Laboratory*, Rev. 9, Applied Technologies and Laboratories International, Inc., Richland, Washington.

Sampling Authorization Form X10-036, *2BP5 Depth Discrete Sampling Feb 2010*, CH2M Hill, Plateau Remediation Company, Richland, Washington.

Attachment 1

DATA SUMMARY REPORT

WSCF - Anions & HexCr
 Data Summary of All Results

Sample Group: 20100191
 Customer Group or SDG Number: 222S20100191
 Customer Sample ID: B248F0
 Customer Sample ID: B248F0

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S10M000101			16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.223	0.249	0.236	11.1	90.1	0.0678	n/a	B
S10M000101			16887-00-6	Chloride	ug/mL	100	<3.10E-03	9.01	9.25	9.13	2.62	93.6	0.0341	n/a	n/a
S10M000101			14797-65-0	Nitrite	ug/mL	n/a	<0.0400	<0.0400	n/a	n/a	n/a	n/a	0.0400	n/a	U
S10M000101			24959-67-9	Bromide	ug/mL	n/a	<0.0237	0.186	n/a	n/a	n/a	n/a	0.0237	n/a	B
S10M000101			14797-55-8	Nitrate	ug/mL	101	<0.0162	19.0	19.1	19.0	0.620	102	0.178	n/a	n/a
S10M000101			14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	<0.419	n/a	n/a	95.5	0.419	n/a	U
S10M000101			14808-79-8	Sulfate	ug/mL	99.7	<0.0219	64.9	65.4	65.1	0.835	103	0.241	n/a	n/a

B - Estimated

U - < Det Limit

NA = Not Analyzed, ND = Not Detected

WSCF - Anions & HexCr
 Data Summary of All Results

Sample Group: 20100191
 Customer Group or SDG Number: 222S20100191
 Customer Sample ID: B248F3
 Customer Sample ID: B248F3

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S10M000102			16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.243	n/a	n/a	n/a	n/a	0.0678	n/a	B
S10M000102			16887-00-6	Chloride	ug/mL	100	<3.10E-03	18.1	n/a	n/a	n/a	n/a	0.0341	n/a	
S10M000102			14797-65-0	Nitrite	ug/mL	91.7	<0.0400	<0.240	n/a	n/a	n/a	n/a	0.240	n/a	U
S10M000102			24959-67-9	Bromide	ug/mL	93.9	<0.0237	<0.142	n/a	n/a	n/a	n/a	0.142	n/a	U
S10M000102			14797-55-8	Nitrate	ug/mL	101	<0.0162	37.8	n/a	n/a	n/a	n/a	0.178	n/a	
S10M000102			14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	n/a	n/a	n/a	n/a	0.419	n/a	U
S10M000102			14808-79-8	Sulfate	ug/mL	99.7	<0.0219	154	n/a	n/a	n/a	n/a	0.241	n/a	

B - Estimated

U - < Det Limit

NA = Not Analyzed, ND = Not Detectec

WSCF - Anions & HexCr
 Data Summary of All Results

Sample Group: 20100191
 Customer Group or SDG Number: 222S20100191
 Customer Sample ID: B248F6
 Customer Sample ID: B248F6

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S10M000103			16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.181	n/a	n/a	n/a	n/a	0.0678	n/a	B
S10M000103			16887-00-6	Chloride	ug/mL	100	<3.10E-03	21.8	n/a	n/a	n/a	n/a	0.0341	n/a	
S10M000103			14797-65-0	Nitrite	ug/mL	91.7	<0.0400	<0.240	n/a	n/a	n/a	n/a	0.240	n/a	U
S10M000103			24959-67-9	Bromide	ug/mL	93.9	<0.0237	<0.142	n/a	n/a	n/a	n/a	0.142	n/a	U
S10M000103			14797-55-8	Nitrate	ug/mL	101	<0.0162	43.8	n/a	n/a	n/a	n/a	0.178	n/a	
S10M000103			14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	n/a	n/a	n/a	n/a	0.419	n/a	U
S10M000103			14808-79-8	Sulfate	ug/mL	99.7	<0.0219	184	n/a	n/a	n/a	n/a	0.241	n/a	

B - Estimated

U - < Det Limit

NA = Not Analyzed, ND = Not Detected

WSCF - Anions & HexCr
 Data Summary of All Results

Sample Group: 20100176
 Customer Group or SDG Number: 222S20100176
 Customer Sample ID: B23CT9
 Customer Sample ID: B23CT9

Sample#	R	A#	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Cnt Err %	Qual Flags
S10M000093			16984-48-8	Fluoride	ug/mL	93.0	<6.16E-03	0.210	0.308	0.259	38.1	93.0	0.129	n/a	B
S10M000093			16887-00-6	Chloride	ug/mL	101	0.0365	32.4	32.1	32.2	0.975	90.8	0.0651	n/a	
S10M000093			14797-65-0	Nitrite	ug/mL	91.7	<0.0400	<0.240	<0.240	n/a	n/a	101	0.240	n/a	U
S10M000093			24959-67-9	Bromide	ug/mL	93.9	<0.0237	<0.142	<0.142	n/a	n/a	96.5	0.142	n/a	U
S10M000093			14797-55-8	Nitrate	ug/mL	101	<0.0162	41.3	41.4	41.4	0.351	104	0.340	n/a	
S10M000093			14265-44-2	Phosphate	ug/mL	94.3	<0.0381	<0.229	<0.229	n/a	n/a	101	0.229	n/a	U
S10M000093			14808-79-8	Sulfate	ug/mL	101	<0.0219	23.4	23.8	23.6	1.71	104	0.460	n/a	

U - < Det Limit

B - Estimated

NA = Not Analyzed, ND = Not Detected

Attachment 2

HOLDING TIME REPORT

Hold Time Report SDG222S20100191

Customer Sample ID	Sample Group	Laboratory Sample ID	Method	Sample Date	Received Date	Analysis Date	Analysis Time Lapse	Missed Holding Time
B248F0	20100191	S10M000101	SW846-9056A	02/25/10 09:46	02/26/10 07:45	02/26/10 23:52	38 hours	N
B248F0	20100191	S10M000101	SW846-9056A	02/25/10 09:46	02/26/10 07:45	04/05/10 21:20	39 days	Yes, NO2, Br
B248F3	20100191	S10M000102	SW846-9056A	02/25/10 09:46	02/26/10 07:45	02/27/10 00:34	39 hours	N
B248F3	20100191	S10M000102	SW846-9056A	02/25/10 09:46	02/26/10 07:45	04/05/10 19:56	39 days	Yes, NO2, Br
B248F6	20100191	S10M000103	SW846-9056A	02/25/10 09:46	02/26/10 07:45	02/27/10 00:47	39 hours	N
B248F6	20100191	S10M000103	SW846-9056A	02/25/10 09:46	02/26/10 07:45	04/05/10 20:10	39 days	Yes, NO2, Br

Attachment 3

RECEIPT PAPERWORK

ATL	SAMPLE RECEIPT AND CHAIN OF CUSTODY VERIFICATION CHECKLIST		LO-090-101 Rev <u>D.O.1</u>
Date Samples Received: <u>2-26-10</u>		Group #: <u>20100191</u>	
Number of Samples: <u>3</u>			
Sample Custodian: <u>[Signature]</u>			
Sample Custodian to Complete:			
Action	OK? (Y/N)	N/A	Comments
RSA/ZOC provided?	✓		
RSR provided?		✓	
Verify GKI is complete		✓	
Check that outer custody seal is intact, if present		✓	
Record cooler temperature in centigrade, as appropriate	<u>1°C</u>		<input type="checkbox"/> 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	✓		
● 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)	✓		<u>2B REF 4</u>
Notify the PM immediately if any problems are noted. (A "No" answer requires Project Manager resolution.)			
PM to Complete:			
Samples acceptable for release? <u>yes</u>		PM Initials <u>RTS</u>	Date <u>2-26-10</u>
If No, comment on communication and resolution:		<u>Per JR Ritover</u>	
Other Comments:			

02/26/2010 08:12

222-S

WRPS, P. O. Box 850

Richland, WA

Phone: (509) 376-5029 / FAX: (509) 372-1878

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Sample Group: 20100191 - CACN/COA 301396/ES20

Specification Entity: WSCF - Anions & HexCr

The following samples were received from you on 02/26/2010. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using 222-S.

Sample	Customer Sample ID	Matrix	Sample Date
Tests Scheduled			
S10M000101 IC - ANIONS	B248F0	LIQUID	02/25/2010
S10M000102 IC - ANIONS	B248F3	LIQUID	02/25/2010
S10M000103 IC - ANIONS	B248F6	LIQUID	02/25/2010

Test Acronym Description

Test Acronym	Description
IC - ANIONS	Anions by IC SW846

GENERATOR KNOWLEDGE INFORMATION

1. Chain of Custody Number NA CACN/COA NA Customer Identification Number NA

2. List generator knowledge or description of process that produced sample. Or list description of sample source:
 200 Area S&GRP Characterization and Monitoring Sampling and Analysis

MSDS Available? No Yes Hanford MSDS No. _____

3. List all waste codes and constituents associated with the waste or media that was sampled, regardless of CERCLA status.

a) Does the sample contain any of the following listed waste codes?
 By checking "unknown" the customer understands that no knowledge is available following a careful search.

List Federal Waste Code(s):	List Constituent(s):			
P Codes: _____	_____	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown
U Codes: _____	_____	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown
K Codes: _____	_____	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown
F Codes: <u>F001 - F005</u>	_____	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Unknown

b) List applicable characteristic waste codes, flash point, pH, constituents, and concentrations as appropriate.

D001: <input type="checkbox"/> FP <100°F	<input type="checkbox"/> FP ≥100 <140°F	<input type="checkbox"/> DOT Oxidizer	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown	
D002: <input type="checkbox"/> pH ≤2	<input type="checkbox"/> pH ≥12.5	<input type="checkbox"/> Solid Corrosive (WSC2)	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown	
D003: <input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	<input type="checkbox"/> Water Reactive	<input type="checkbox"/> Other _____	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> Unknown
D004-D043 (Identify applicable waste codes and concentrations):			<input type="checkbox"/> (i.e., peroxide former, explosive, air reactive)			
N/A						

c) If characteristic, list any known underlying hazardous constituents (UHCs) reasonably expected to be present, and their concentrations that may be present above the LDR treatment standard (40 CFR 268.48):
 N/A

d) List any known Land Disposal Restrictions (LDR) subcategories, if applicable (40 CFR 268.40):
 N/A

e) List any applicable Washington State dangerous waste codes: (not required if federally regulated) (*State mixture rule for ignitability)

WT01: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	WP01: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
WT02: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	WP02: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
WC01: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown	WP03: <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
List constituents and concentrations:	F003:* <input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Unknown
N/A	

4. Is this material TSCA regulated for PCBs? Yes No Unknown Analysis Requested

List concentration if applicable: _____
 If yes, what is the source of the PCBs? (see TSCA PCB Hanford Site User Guide, DOE/RL-2001-50)

<input type="checkbox"/> PCB Liquid Waste	<input type="checkbox"/> PCB Bulk Product Waste	<input type="checkbox"/> PCB Transformer ≥500 ppm	<input type="checkbox"/> Unknown
<input type="checkbox"/> PCB Remediation Waste	<input type="checkbox"/> PCB R&D Waste	<input type="checkbox"/> PCB contaminated electrical equipment (capacitor/ballast) <500 ppm	
<input type="checkbox"/> PCB Spill Material	<input type="checkbox"/> PCB Item	<input type="checkbox"/> Other PCB Waste (list) _____	

5. Is this material TRU? Yes No Unknown

6. ACCURACY OF INFORMATION
 Based on my inquiry of those individuals immediately responsible for obtaining this information, that to the best of my knowledge, the information entered in this document is true, accurate, and complete.

Print & Sign SJ TRENT/AA JZA Date 12/3/07

Attachment 4

ISSUE RESOLUTION FORM

ISSUE RESOLUTION FORM

CHPRC TRACKING NUMBER: 10-092 (revision 1)

Date : 4/27/10 SAF No.: See table

SDG: See table

LOGIN No.: See attached table

TEST: IC -Anions

Sample No.(s) See table

Submitted By: C. S. Menjivar

Phone No: 372-2525

Fax No.: 373-4884

Submitted To: Heidi Hampt

Phone No. 376-4319

Fax No. 373-1788

ISSUE

The table below displays the samples for which the required reporting limit for nitrite, phosphate, bromide, and fluoride was missed. In most cases, samples were reanalyzed far out of holding time in order to obtain the required RL.

PROPOSED RESOLUTION

Report the reanalysis with the lower detection limit and provide table in report with original analysis result (if applicable) and report analysis time. Explain in narrative.

CHPRC/BHI/WMH/PNNL COMMENTS

Accept proposed resolution.

Heidi Hampt 4/28/10
Signature and Date

SAF	SDG	HEIS #	LAB ID
F10-065	222S20100176	B23CT9	S10M000093
F10-043	222S20100186	B24DP5	S10M000096
W10-001	222S20100187	B23D19	S10M000097
W10-001	222S20100187	B23D20	S10M000098
S10-012	222S2010188	B23198	S10M000099
W10-022	222S20100190	B23X46	S10M000100
X10-036	222S20100191	B248F0	S10M000101
X10-036	222S20100191	B248F3	S10M000102
X10-036	222S20100191	B248F6	S10M000103
F10-065	222S20100176	B23CV0	S10M000110
W10-002	222S20100243	B23X10	S10M000129
X10-033	222S20100244	B24CJ1	S10M000130
X10-034	222S20100247	B248T7	S10M000135
X10-034	222S20100247	B248R8	S10M000136
X10-034	222S20100247	B249H9	S10M000137
X10-034	222S20100247	B24B04	S10M000138
X10-034	222S20100247	B24B14	S10M000139
X10-034	222S20100247	B24B17	S10M000140
X10-034	222S20100247	B24B20	S10M000141
X10-034	222S20100247	B24B47	S10M000143
X10-033	222S20100244	B24CJ9	S10M000144
S10-012	222S20100253	B22YX7	S10M000145
S10-001	222S20100255	B23FC9	S10M000146

20100191

SAF	SDG	HEIS #	LAB ID
X10-034	222S20100247	B24B34	S10M000173
X10-034	222S20100247	B24B43	S10M000174
S10-003	222S20100271	B24FL9	S10M000180
X10-033	222S20100244	B24CH0	S10M000181
X10-033	222S20100244	B24CH1	S10M000182
X10-033	222S20100244	B24CH6	S10M000183
X10-033	222S20100244	B24CH8	S10M000185
X10-033	222S20100244	B24CF8	S10M000186
X10-033	222S20100244	B24CF9	S10M000187
F10-119	222S20100242	B243T9	S10M000189
F10-119	222S20100242	B243V0	S10M000190

Attachment 5

ORIGINAL ANALYSIS RESULTS/ ANALYSIS DATE

DATA SUMMARY REPORT- SDG222S20100191- Original Results

Customer Sample ID	Laboratory Sample ID	A	CAS #	Analyte	Unit	STD %	Blank	Result	Duplicate	Average	RPD %	Spk Rec %	Det Limit	Qual Flags	Analysis date
B248F0	S10M000101		16887-00-6	Chloride	ug/mL	100	<3.10E-03	9.01	9.25	9.13	2.62	93.6	0.0341		02/26/10 23:52
B248F0	S10M000101		16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.223	0.249	0.236	11.1	90.1	0.0678	B	02/26/10 23:52
B248F0	S10M000101		14797-55-8	Nitrate	ug/mL	101	<0.0162	19.0	19.1	19.0	0.620	102	0.178		02/26/10 23:52
B248F0	S10M000101		24959-67-9	Bromide	ug/mL	100	<0.0237	<0.261	<0.261	n/a	n/a	99.6	0.261	U	02/26/10 23:52
B248F0	S10M000101		14808-79-8	Sulfate	ug/mL	99.7	<0.0219	64.9	65.4	65.1	0.835	103	0.241		02/26/10 23:52
B248F0	S10M000101		14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	<0.419	n/a	n/a	95.5	0.419	U	02/26/10 23:52
B248F0	S10M000101		14797-65-0	Nitrite	ug/mL	89.6	<0.0400	<0.440	<0.440	n/a	n/a	89.0	0.440	U	02/26/10 23:52
B248F3	S10M000102		16887-00-6	Chloride	ug/mL	100	<3.10E-03	18.1	n/a	n/a	n/a	n/a	0.0341		02/27/10 00:34
B248F3	S10M000102		16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.243	n/a	n/a	n/a	n/a	0.0678	B	02/27/10 00:34
B248F3	S10M000102		14797-55-8	Nitrate	ug/mL	101	<0.0162	37.8	n/a	n/a	n/a	n/a	0.178		02/27/10 00:34
B248F3	S10M000102		24959-67-9	Bromide	ug/mL	100	<0.0237	<0.261	n/a	n/a	n/a	n/a	0.261	U	02/27/10 00:34
B248F3	S10M000102		14808-79-8	Sulfate	ug/mL	99.7	<0.0219	154	n/a	n/a	n/a	n/a	0.241		02/27/10 00:34
B248F3	S10M000102		14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	n/a	n/a	n/a	n/a	0.419	U	02/27/10 00:34
B248F3	S10M000102		14797-65-0	Nitrite	ug/mL	89.6	<0.0400	<0.440	n/a	n/a	n/a	n/a	0.440	U	02/27/10 00:34
B248F6	S10M000103		16887-00-6	Chloride	ug/mL	100	<3.10E-03	21.8	n/a	n/a	n/a	n/a	0.0341		02/27/10 00:47
B248F6	S10M000103		16984-48-8	Fluoride	ug/mL	91.3	<6.16E-03	0.181	n/a	n/a	n/a	n/a	0.0678	B	02/27/10 00:47
B248F6	S10M000103		14797-55-8	Nitrate	ug/mL	101	<0.0162	43.8	n/a	n/a	n/a	n/a	0.178		02/27/10 00:47
B248F6	S10M000103		24959-67-9	Bromide	ug/mL	100	<0.0237	<0.261	n/a	n/a	n/a	n/a	0.261	U	02/27/10 00:47
B248F6	S10M000103		14808-79-8	Sulfate	ug/mL	99.7	<0.0219	184	n/a	n/a	n/a	n/a	0.241		02/27/10 00:47
B248F6	S10M000103		14265-44-2	Phosphate	ug/mL	95.6	<0.0381	<0.419	n/a	n/a	n/a	n/a	0.419	U	02/27/10 00:47
B248F6	S10M000103		14797-65-0	Nitrite	ug/mL	89.6	<0.0400	<0.440	n/a	n/a	n/a	n/a	0.440	U	02/27/10 00:47