USEPA KERR LAB
919 Kerr Research Dr.
Ada, OK 74820

8ME801SF
8OA866SF
8IR235SF

ANALYTICAL SAMPLE RECORD
(For samples to be submitted to Shaw Env.)

Technical Directive #: EPA GP 363

Project Name: Pavillion Groundwater

For Shaw Env. use only — Sample Received on: 4-24-12 at: 12:45 PM — Received by: Thomas, Tiffany, + Charles
Log-in by: T. Johnston, T. Thompson Date: 4-24-12 — Sample STAD Set Number: 6514

SAMPLE INFORMATION: (**Matrix:** W = Water, S/S = Soil/Sediment, O = Others; **Container types:** G = Glass, P = Plastic, O = Others)
ANALYSES / PARAMETERS (Number of containers and type, e.g., 2G, 3P, etc.)

#	Sample I.D.	Sample Collection Date	Sample Collection Time	Sample Matrix (use the codes)	Total Number of Containers	Metals	dissolved gases	RSKSOP-259	RSKSOP-112	Anions	Nutrients	DIC/DOC TIC/TOC	Isotopes-H2O	Comments
1	FieldBlk 3	4/22/12	12:00P	W	~~15~~ 14	2P	2G	2G	2G	1P	1P	4G	~~1G~~	metals: 1 filtered 1 unfiltered < HNO3 preserved
2	EquipBlk 3	4/22/12	1:00P	W	2	—	—	2G	—	—	—	—	—	Nutrients: H2SO4 Preserved
3	TripBlk 3	4/22/12	3:00P	W	4	—	2G	2G	—	—	—	—	—	DOC: H3PO4 preserved
4	PGDW50-0412	4/19/12	12:00P	W	15	2P	2G	2G	2G	1P	1P	4G	1G	RSKSOP-259: TSP preserved
5	PGPW02-0412	4/20/12	3:30P	W	15	2P	2G	2G	2G	1P	1P	4G	1G	RSKSOP-112: NaOH preserve
6	EPAMW02-0412-2*	4/22/12	3:45P	W	15	2P	2G	2G	2G*	1P	1P	4G	1G	Dissolved gases: TSP preserved
7														
8														
9														*Both samples
10														were broken
11														during shipping.
12														
13														
14														
15														Sample info.
16														on back.
17														
18														
19														
20														

Sample Submitted by: Rick Wilkin Date: 4/23/2012

Remarks:

EPAPAV0050923

4 Samples for Steve, Andrew, + Shauna.
Due Date: 5-18-12 HTE: 10-19-12

5 Samples for Lisa
Due Date: 5/15/12 HTE: 5/3/12

6 Samples for Jeremy
Due Date: 5/15/12 HTE: 5/3/12

4 Samples for Joseph
Due Date: 5-15-12 HTE: 5/3/12

4 Samples for EPA GP Lab
Due Date: 5-15-12 HTE: 5-17-12

3 Samples for Charles + Thomas
Due Date: 5-15-12 HTE: N/A

USEPA, ORD, NRMRL

Sample Analysis Request and Chain of Custody (COC) Record

Page 1 of 1

Project: Pavillion Groundwater, Task 23993

Location: Pavillion, WY

Project Manager/Phone: Rick Wilkin / 580-436-8874

Lab Name: SHAW Environmental

Address: 919 Kerr Research Drive, Ada, OK 74820

Contact Name/Phone: Andrew Greenwood / 580-436-8920

Shipping Method: Fed Ex

Shipping Date: 4/23/12

Shipping Tracking Number: 8006 5696 5757

Total Number of Shipping Containers: 1

Sample Number	Sample Matrix/Description	Date/Time Collected	Container Type	Preservation	Number of Containers	Requested Parameters: Metals	dissolved gases	RSKSOP-259	RSKSOP-112	Anions	Nutrients	DOC/TOC	Isotopes-H2O	Special Instructions
FieldBlk 3	Groundwater	4/22/12 12:00P	glass and plastic	Special Instructions	1 of 2	2P	2G	2G	2G	1P	1P	4G	1G	Preservation
EquipBlk 3		4/22/12 1:00P			2	—	—	2	—	—	—	—	—	Metals: Filtered, Unfiltered & HNO3 preserved
TripBlk 3		4/22/12 3:00P			4	—	2	2	—	—	—	—	—	Nutrients: H2SO4 preserved
PGDW50-0412		4/19/12 12:00P			15	2	2	2	2	1	1	4	1	DOC: H3PO4 preserved
PGPW02-0412		4/20/12 3:30P			15	2	2	2	2	1	1	4	1	RSKSOP-259: TSP preserved
EPAMW02-0412-2*		4/22/12 3:45P			15	2	2	2	2*	1	1	4	1	RSKSOP-112: NaOH preserved
														dissolved gases: TSP preserved
														*Samples were both broke during shipping.

Relinquished By: Printed name: Rick Wilkin Signature: [signature] Affiliation: USEPA Date: 4/23/12 Time: 10:00AM

Received By: Printed name: Tiffany Thompson Signature: Tiffany Thompson Affiliation: Shaw Date: 4/24/12 Time: 12:15pm

Comments: 1 Ice chest received on 4-24-12 at 12:15pm Temp. Blank -0.6°C 90% Ice/10% water. COC seals in tact. voice mail left for Rick on 4/24/12 at 1:35pm about broken samples and email was sent at 1:58pm.

Relinquished By: Printed name: Signature: Affiliation: Date: Time:

Received By: Printed name: Signature: Affiliation: Date: Time:

Comments:

Pink copy - Field Custodian, Yellow copy - Lab Custodian, White copy - Project Manager

EPA-442 (CIN) (09/08)

EPAPAV0050925

CUSTODY SEAL QEC

DATE 4/23/2012

SIGNATURE

1 Ice chest on 4/23/12

Temp Blank: 0.6 °C

COC seals in tact

Ice/water = 90/10

1:35 pm

6514

CUSTODY SEAL QEC

DATE 4/23/2012

SIGNATURE

EPAPAV0050926

Category 1 Login Checklist

Revised 4/19/2012

Login Complete On: 4/24/12
by: Tiffany L Thomas
and _____

Detail any 'No' responses at the bottom of this form!

Minimum of Two People Present During Login ..... Yes ☑ No ☐

Chain of Custody Sticker Present and Condition Recorded.... Yes ☑ No ☐
If missing or damaged, document on CofC & ASR and notify PI by phone.
PI Name_____ Time and Date _____
Send confirming email to PI and cc 'Ada Shaw Management'.
Document on CofC & ASR and attach copy of email to CofC & ASR documents.

Temperature of Temperature Bottle Recorded ..... Yes ☑ No ☐

Documents (CofC and ASR) With Samples ..... Yes ☑ No ☐
If missing or damaged, document on CofC & ASR and notify PI by phone.
PI Name_____ Time and Date _____
Send confirming email to PI and cc 'Ada Shaw Management'.
Document on CofC & ASR and attach copy of email to CofC & ASR documents.

Ratio of Ice to Water in Cooler Recorded ..... Yes ☑ No ☐

CofC Seals Taped to Back of CofC Document ..... Yes ☑ No ☐

Active TD for Samples Approved ..... Yes ☑ No ☐

ASR Complete and Reflect Sample Labels ..... Yes ☑ No ☐

Date and Time Received and Logged In Entered on ASR..... Yes ☑ No ☐

Person Receiving and Logging in Samples Recorded ..... Yes ☑ No ☐

SS# Assigned and Recorded ..... Yes ☑ No ☐

Samples Assigned to Proper Analysts ..... Yes ☑ No ☐

Samples Boxed, Labeled, & Placed in refrigerator ..... Yes ☑ No ☐

ASR Information Placed into STAD ..... Yes ☑ No ☐

STAD and ASR Documents Distributed ..... Yes ☐ No ☐

STAD and ASR Original Documents Placed in Binder ..... Yes ☐ No ☐

PDF CofC, ASR, Checklist, etc. ..... Yes ☐ No ☐
E-mail copies to PI, Shauna Bennett, and Lynda Callaway

Additional Requirements per TD, QAPP, or Specific Site_____

Details of Any 'No' Responses _____

Pavillion Groundwater
Tiffany Thompson to: Rick Wilkin 04/24/2012 01:58 PM

Rick,

In the shipment received today on 4/24/12 two of the HPLC/LMWA samples for RSKSOP-112 were broken. The sample ID number is EPAMW02-0412-2. Please let us know if you would like the extra sample from another type of analysis used in its place.

Thank you,

Tiffany