

FIELD SCREENING FINAL DATA DELIVERABLE COVER SHEET

Date: Tuesday, October 23, 2007

Sample Authorization Form (SAF) Number: F07-012

SDG Number (assigned by Sample Management): FP0499 *Waynes*

Attachments (check all that apply or N/A): 10/30/07

- X Test Results
- N/A Narrative Summary
- X Chain of Custody(s)
- X Logbook Pages
- N/A Anomaly Report

Total number of pages (including cover sheet): 4

Comments: **Aquifer Tube Sampling Field Screening – 100-KR-4 OU**

THESE TESTS WERE CONDUCTED USING QC-1



M.C. Baehler for M.J. Hocking
Analyst Signature

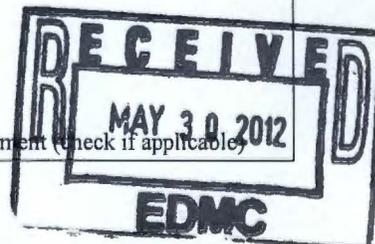
M.C. Baehler
Reviewer's Signature

OCT 23 2007
Date

OCT 23 2007
Date

Distribution: **CPP Sample Management A0-21**
Project (Specify)

Requires distribution to listed project personnel by Sample Management (check if applicable)



On-Site Measurement of Cr⁺⁶
Aquifer Tube Sampling in the 100-KR-4 OU
SAF: F07-012

Logbook: HNF-N-296 10 Page 16

9/5/2007

Location	HEIS Number	SAF Number	Date Collected	Time Collected	Sampler (Initials)	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	Cr+6 (mg/L)
AT-K-4-D	B1LPT1	F07-012	9/5/2007	11:43	DC	Water	9/5/2007	15:27	MJH	0.021

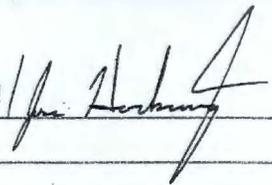
Analyst(s): M.J. Hocking

Date: 9/5/2007

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100-KR-4 Aquifer Tube Sampling Cr⁺⁶

GRAM, Inc.
M. J. Hocking



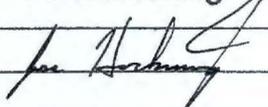
M. J. Hocking
9/14/07

Hexavalent Chromium Daily Activity Log
Project: Aquifer Tube Sampling in the 100-KR-4 OU
SAF: F07-012
Logbook HNF-N-296 10
Date: 9/5/07

1410	M.J. Hocking arrived on-site at 200W, MO-612 field laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2800 spectrophotometer, S/N1199689, Method 950, low range hexavalent chromium.
1455	Prepared 0.10 mg/L standard by adding 240 µL of 12.5 mg/L HACH hexavalent chromium standard, lot # A5354, exp. December 2010, to 29.76 mL of deionized water.
1527	Pulled standard, blank, and sample fluids into hexavalent chromium ampules (lot # A7086, exp. Dec. 2009), analyzed standard, blank, and undiluted samples.

Sample #	Well #	SAF #	Concentration (mg/L)	Date Sampled	Time Sampled	Sampler	Conductivity (µs/cm)	Water Depth-m(TOC)
Blank	----	----	-0.005	----	----	----	----	----
0.10 mg/L std.	----	----	0.099	----	----	----	----	----
B1LPT1	AT-K-4-D	F07-012	0.021	9/5/2007	11:43	DC	164	N/A
0.10 mg/L std.	----	----	0.099	----	----	----	----	----
Blank	----	----	-0.005	----	----	----	----	----

M. J. Hocking



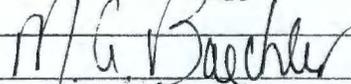
SEP 14 2007

MJH
9/14/07

OCT 23 2007

Reviewed

By: M.A. Baechler



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