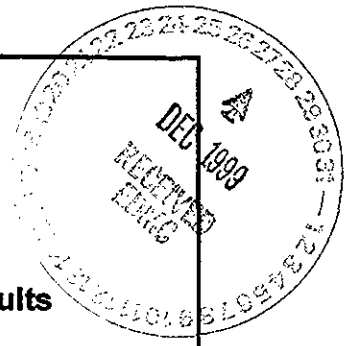
FS-C98008-Field

0052223

DATA DELIVERABLE COVER SHEET



Data Deliverable Cover Sheet

Date: Wednesday, December 30, 1998

Deliverable type (check one): ____ **Preliminary Test Results**
✓ **Final Data Deliverable**

Sample authorization form number: C98-008

Attachments (check all that apply or n/a): ____ **Narrative Summary**
✓ **Test Results**
____ **Chains of Custody**

Total number of pages (including cover sheet): 5 **pages**

Comments:

(Note: If Preliminary results were provided verbally, document information provided below including instrument used and results as Communicated to the project.)

M.G. Buechler
Analyst Signature

12/30/98
Date

Distribution: **Sample Management – Doris Ayres H9- 03**
Project (specify) None. Distributed electronically

Requires distribution to listed project personnel by Sample Management.

Hexavalent Chromium Daily Activity Log
Project: 100-KR4 IAM
Date: 10/29/97

1330	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 910815489, Method 950, low range hexavalent chromium.
1340	Prepared 0.10 mg/L standard by adding 600 uL of 5 mg/L HACH hexavalent chromium standard, lot # N5034, no expiration, to 29.6 mL of deionized water.
1345	Prepared samples by filtering through a 0.45 um syringe filter.
1357	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	0.000	-	-
0.10 mg/L std.	-	0.089 (89% Rec.)	-	-
BOM777	199-K-21	0.070	10/28/97	1410
BOM778	199-K-22	0.128	10/29/97	1237
BOM779	199-K-37	0.085	10/29/97	1100
BOM7P3	MS	0.016	10/29/97	1237
BOM7P4	MSD	0.017	10/29/97	1237

1410 Packed up equipment and left site.

M.A. Baechler/M.A. Baechler

Not Used

Continued on Page

M.A. Baechler 10/28/97
Signed Date

Read and Understood By

Signed Date

10/24/97

1335 Arrived at 100N/m3-425. Set up to analyze samples for hexavalent chromium using a HACH DR2000 spectrophotometer, S/N 910815489, Method 650, Low Range Cr+6.

1345 Prepared 0.10 mg/L standard by adding 600 µL of 5 mg/L HACH hexavalent chromium standard Lot # N5034, No expiration to 29.4 mL deionized water.

1355 Prepared samples by filtering through a 0.45 µm syringe filter

1408 Analyzed samples

Sample #	Well #	Concentration (mg/L)	Sampled Date	Sampled Time
Blank	—	0.000	—	—
0.10 mg/L Standard	—	0.090 (90% Rec.)	—	—
BOM7L6	199-K-117A	0.182	10/24/97	0932
BOM7K8	199-K-117A	0.179	10/24/97	1000
BOM7K9	199-K-117A	0.180	10/24/97	1010
BOM7L0	199-K-117A	0.181	10/24/97	1010

Not Used

Continued on Page N/A

Read and Understood By

W. L. Buchler 10/24/97
Signed Date

Signed Date

PROJECT Field Screening - 100-KR-4 GW Notebook No. EL 1340
Continued From Page N/A

10/22/97

1330 Arrived at MO-405/100N. Set up to analyze samples for Hexavalent Chromium using a HACH DR 2000 SN# 91C815484, Method 450, Low range Cr^{+6}

1345 Prepared 0.10 mg/L standard by adding 6000 uL of 5mg/L HACH Hexavalent Chromium Standard, Lot # N3034, TNTC Expiration to 29.4 mL deionized water.

1350 Prepared samples by filtering through a 0.45um syringe filter

1400 Analyzed samples

Sample #	Well #	Concentration		Date Sampled	Time
Blank		0.000			
0.10 mg/L Standard	-	0.091	91% Recovery		
BOM763	199-K-114A	0.121		10/22/97	1123
BOM762	199-K-114A	0.117		10/22/97	1123
BOM780	199-K-112A	0.076		10/22/97	1111

MLAB 10/22/97

1410 Packed up equipment and left lab.

Not Used

N/A

Continued on Page N/A

M. G. Barcklay 10/22/97
Signed Date

Read and Understood By

Signed Date

10/28/97

0810 Arrived at 100N (MO-425. Set up to analyze samples for hexavalent chromium using a HACH DR2000 spectrophotometer, S/N 910815489, Method 450, low range CrVI.

0845 Prepared 0.10 mg/L standard by adding 600uL of 5mg/L HACH hexavalent chromium standard, Lot # N5034, No expiration, to 29.4mL deionized water.

0850 Prepared samples by filtering through a 0.45um syringe filter.

0900 Analyzed samples

Sample #	Well #	Concentration (mg/L)	Sampled Date	Sampled Time
Blank	—	0.000	—	—
.10mg/L std	—	0.089 94% Rec.	—	—
300766	199-K-18	0.032	10/27/97	0926
300769	199-K-18	0.033	10/27/97	0926
300775	199-K-20	0.100	10/27/97	1014
300784	199-K-107A	0.172	10/27/97	1013
300791	199-K-108A	0.072	10/27/97	1257

1340 Arrived at 100N/MO425 set up as described above (0810, 0845, & 0850).

1345 Prepared standard as in 0845 above.

1350 Filtered samples.

1400 Analyzed samples

Sample #	Well #	Concentration (mg/L)	Sampled Date	Sampled Time
Blank	—	0.000	—	—
.1mg/L Std.	—	0.090 90% Recovery	—	—
300789	199-K-36	0.015	10/28/97	1046
300772	199-K-19	0.045	10/28/97	0935

Continued on Page N/A

Read and Understood By

L. Bachler 10/28/97
Signed Date

Signed Date