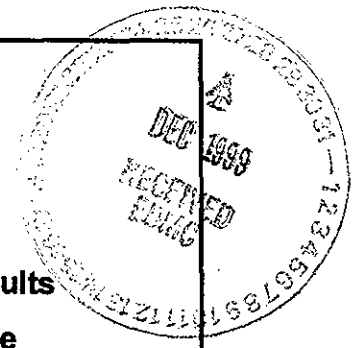
00522225

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: C98-010

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

Total number of pages (including cover sheet): 8 **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. Bachler
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-HR3 IAM
Date: 11/07/97

1250	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 920800020780, Method 950, low range hexavalent chromium.
1310	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.
1315	Prepared samples by filtering through a 0.45 um syringe filter.
1320	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	0.002	-	-
0.10 mg/L std.	-	0.094	-	-
B0M947	699-91-46A	0.021	11/05/97	1201*
B0M948	699-91-46A	0.018	11/05/97	1201*

1335 Packed up equipment and left site.

* Hold time missed by 1 hour 19 minutes.

M.A. Bachler / M.G. Bachler

Not Used

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M.G. Bachler 11/7/97
Signed Date

Read and Understood By
Signed Date

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 IAM
Date: 11/05/97

1410	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 920800020780, Method 950, low range hexavalent chromium.
1420	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.
1430	Prepared samples by filtering through a 0.45 um syringe filter.
1440	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	0.001	-	-
0.10 mg/L std.	-	0.092	-	-
B0M815	199-H5-1A	0.053	11/05/97	1328

1500 Packed up equipment and left site.

M.A. Baechler / M.C. Baechler

Not Used

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M.C. Baechler — Signed

MAB 11/5/97 to 11/5/97 — Date

Read and Understood By

Signed — Date

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 IAM
Date: 11/04/97

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 920800020780, 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.
1350	Prepared samples by filtering through a 0.45 um syringe filter.
1405	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	0.000	-	-
0.10 mg/L std.	-	0.089	-	-
B0M805	199-H4-18	0.137	11/04/97	1014
B0M809	199-H4-45	0.042	11/04/97	0934
B0M811	199-H4-48	0.076	11/04/97	1054
B0M816	199-H4-4	0.108	11/04/97	1116
B0M818	199-H4-5	0.093	11/04/97	1239
B0M7Y5	199-H4-120	0.232	11/04/97	1300
B0M7Y6	199-H4-120	0.231	11/04/97	1300

1425 Packed up equipment and left site.

M. G. Baechler / M. G. Baechler

Not Used

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M. Baechler — Signed
11/4/97 — Date
Read and Understood By
Signed — Date

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 IAM
Date: 11/03/97

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.
1350	Prepared samples by filtering through a 0.45 um syringe filter.
1400	DR 2000 S/N 910815489 not functioning, loaded low range hexavalent chromium calibration curve into DR 2000 S/N 920800020780 for sample analysis.
1435	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	0.001	-	-
0.10 mg/L std.	-	0.087	-	-
B0M803	199-H4-16	0.080	11/03/97	1213
B0M806	199-H4-3	0.183	11/03/97	0920
B0M810	199-H4-46	0.046	11/03/97	1241
B0M820	199-H4-63	0.074	11/03/97	1010
B0M822	199-H4-64	0.044	11/03/97	1055
B0M800	199-H4-14	0.227	11/03/97	1249
B0M7Y2	199-H4-10	0.018	11/03/97	1142
B0M7Y3	199-H4-10	0.018	11/03/97	1142
B0M7Y7	199-H4-13	0.047	11/03/97	0937

1450 Packed up equipment and left site.

M.G. Baechler / M.G. Baechler

Not Used

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M.G. Baechler 11/3/97

Signed Date

Read and Understood By

Signed Date

Hexavalent Chromium Daily Activity Log
Project: 100-HR-3 IAM / SAF C98-010
Date: 11/24/97

0840	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 920800020780, Method 950, low range hexavalent chromium.
0900	Prepared 0.10 mg/L standard by adding 600 uL of 5 mg/L HACH hexavalent chromium standard, lot # N5034, no expiration, to 29.4 mL of deionized water.
0910	Prepared samples by filtering through a 0.45 um syringe filter.
0920	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	<0.005	-	-
0.10 mg/L std.	-	0.089	-	-
B0M801	199-H4-15B	0.055	11/23/97	1251
B0M802	199-H4-15CS	0.093	11/23/97	1032
B0M804	199-H4-17	0.052	11/23/97	1328
B0M813	199-H4-6	0.064	11/23/97	1030
B0M814	199-H4-8	0.166	11/23/97	1204
B0M7X9	199-D8-70	0.190	11/23/97	1422
B0M7Y4	199-H4-12B	0.089	11/23/97	1345
B0M8Y2	199-D8-70	0.196	11/23/97	1455
B0M8Y3	199-D8-70	0.227	11/23/97	1523

0940 Packed up equipment and left site.

M. A. Bachler / M. A. Bachler

Not Used

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M. A. Bachler 11/24/97

Signed Date

Read and Understood By

Signed Date

Hexavalent Chromium Daily Activity Log
Project: 100-HR-3 IAM / SAF C98-010
Project: 100-KR-4 IAM / SAF C98-012
Date: 11/21/97

1600	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 920800020780, Method 950, low range hexavalent chromium.
1610	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.
1630	Prepared samples by filtering through a 0.45 um syringe filter.
1640	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	<0.005	-	-
0.10 mg/L std.	-	0.089	-	-
B0M829	199-D8-68	0.226	11/21/97	1008
B0M7X7	199-D8-69	0.069	11/21/97	1044
B0M7Y1	199-D8-71	0.294	11/21/97	0927
B0M8X7	199-K-18	0.034	11/21/97	1230

1710 Packed up equipment and left site.

M.A. Bachler / M.G. Bachler

Not Used

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M.G. Bachler 11/21/97

Understood By

Signed

Hexavalent Chromium Daily Activity Log
Project: 100-HR3 IAM / SAF C98-010/011
Date: 11/19/97

1800	Arrived on-site at 100N, MO-425 laboratory. Set up to analyze samples for hexavalent chromium using a HACH DR 2000 spectrophotometer, S/N 920800020780, Method 950, low range hexavalent chromium.
1810	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.
1830	Prepared samples by filtering through a 0.45 um syringe filter.
1855	Diluted sample B0M867 1:10, 2 mL sample in 18 mL deionized water.
1850	Analyzed samples.

Sample #	Well #	Concentration (mg/L)	Date Sampled	Time Sampled
Blank	-	<0.005	-	-
0.10 mg/L std.	-	0.091	-	-
B0M824	199-D8-3	0.124	11/19/97	1010
B0M825	199-D8-3	0.120	11/19/97	1010
B0M826	199-D8-54B	< 0.005	11/19/97	1103
B0M839	199-D5-20	0.009	11/19/97	1307
B0M867	199-D5-15	0.700 *	11/19/97	1228
B0M8C1	199-D4-1	< 0.005	11/19/97	0926
B0M8F1	199-D5-14	0.330	11/19/97	1257

1930 Packed up equipment and left site.

* Sample diluted 1:10

W. H. Baechler / M. G. Baechler

Not Used

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M. G. Baechler 11/19/97

Signed

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Signed Date