

0052038

Environmental Restoration Contractor **ERC Team**
Interoffice Memorandum

Job No. 22192
Written Response Required? NO
Close CCN: N/A
OU: 100-KR-4
TSD: N/A
ERA: N/A
Subject Code: 8630

TO: A. J. Knepp, H0-19

DATE: April 18, 1997

COPIES: See Below



FROM: R. B. Kerkow *R.B. Kerkow*
Onsite Measurement Services
H9-10/372-9282

SUBJECT: 100-KR-4 INTERIM ACTION MONITORING, HEXAVALENT CHROMIUM RESULTS, JANUARY THROUGH MARCH 1997, REV 0.

REFERENCES:

1. BHI, 1997a, *On-Site Measurements Quality Assurance Program Plan*, BHI-QA-03, Plan Number 5.2, REV 0, Bechtel Hanford, Inc., Richland, Washington.
2. BHI, 1997b, *100-KR-4 Onsite Measurement of Hexavalent Chromium Logbook*, EL-1358, Bechtel Hanford, Inc., Richland, Washington.
3. BHI, 1995, *Field Screening Procedures*, BHI-EE-05, Bechtel Hanford, Inc., Richland, Washington.

This data package contains field screening results for groundwater samples analyzed to support the 100-KR-4 Interim Action Monitoring Schedule. The Quality Assurance level for this work corresponds to QC-1 as specified in the reference 1 (BHI 1997a). The samples were managed under SAF B97-019 and SAF B97-022.

Attachment 1 is a data sheet which summarizes Hexavalent Chromium (Cr⁺⁶) results for groundwater samples collected to support the referenced project. The results were obtained using a HACH Company, DR-2000 spectrophotometer, operated in accordance with Field Screening Procedure (FSP) 1.17, *Determination of Hexavalent Chromium in Water and Wastewater by the Hach DR/2000 Spectrophotometer* (BHI 1995). Information concerning instrument performance and quality control is contained in field logbook EL-1358 (BHI-1997b).

Please contact me if you have any questions on this information.

RBK:rbk

Attachments:

- Attachment 1. 100-KR-4 Interim Action Monitoring Results, January through March 1997
- Attachment 2. Chain of Custody / Sample Analysis Request Forms

A. J. Knepp, H0-19

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Copies:

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100-KR-4 Interim Action Monitoring Results

January through March 1997

HEIS Number	Date Collected	Time Collected	Sampler (Initials)	SAF Number	Sample Media	Date Analyzed	Time Analyzed	Analyst (Initials)	CrVI (mg/L)
BOJY75	2/25/97	10:02	rf	C97-019	water	2/25/97	12:15	rbk	0.036
BOJY76	2/25/97	10:02	rf	C97-019	water	2/25/97	12:25	rbk	0.037
BOJY77	2/25/97	10:02	rf	C97-019	water	2/25/97	12:35	rbk	0.129
BOJY78	2/26/97	12:20	rf	C97-019	water	2/26/97	15:10	rbk	0.109
BOJY79	2/26/97	11:32	rf	C97-019	water	2/26/97	15:20	rbk	0.127
BOJY80	2/26/97	11:32	rf	C97-019	water	2/26/97	15:30	rbk	0.030
BOJY81	2/26/97	11:32	rf	C97-019	water	2/26/97	15:40	rbk	0.030
BOJY82	2/26/97	9:41	rf	C97-019	water	2/26/97	15:50	rbk	0.178
BOJYY1	2/26/97	10:00	rf	C97-019	water	2/26/97	16:00	rbk	0.175
BOJYY2	2/26/97	10:22	rf	C97-019	water	2/26/97	16:10	rbk	0.180
BOJYY3	2/26/97	10:40	rf	C97-019	water	2/26/97	16:20	rbk	0.174
BOK429	3/20/97	11:47	rf	C97-022	water	3/20/97	18:25	rbk	0.075
BOK431	3/20/97	10:24	rf	C97-022	water	3/20/97	18:35	rbk	0.168
BOK432	3/20/97	8:58	rf	C97-022	water	3/20/97	18:45	rbk	0.197