FS0059-Field 0447

0052045

Environmental Restoration Contractor **ERC Team**

Interoffice Memorandum

Job No. 22192
Written Response Required? NO
Closes CCN N/A
OU: 100-HR-3
TSD: N/A
ERA: N/A
Subject Code: 3640

APR 1997 RECEIVED Data Log In

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-HR-3 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-HR-3 Onsite Measurement of Hexavalent Chromium Logbook*, EL-1357, 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-HR-3 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 P97-012, SAF C97-020, SAF C97-021 and SAF C97-012.

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-1357 (BHI-1997b).

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

RBK:rbk
Attachments:

Attachment 1. 100-HR-3 Interim Action Monitoring Results, January through March 1997
Attachment 2. Chain of Custody / Sample Analysis Request Forms

Copies:
D. E. Ayres, B1-35, w/attachment 1 only
J. V. Borghese, H9-03, w/attachment 1 only
M. J. Galgoul, H9-12, w/attachment 1 only
R. B. Kerkow, H9-10, w/attachment 1 only
J. A. Lerch, B1-35, w/attachment 1 only
R. E. Peterson, H9-03, w/attachment 1 only
M. H. Sturgess, H9-01, w/attachment 1 only
L. C. Swanson, H9-11, w/attachment 1 only
L. D. Walker, H9-03, w/attachment 1 only
BHI Document Control, H4-79, w/original attachments

APR 1997
RECEIVED
Data
Log In

100-HR-3 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)
BOJR85	1/21/97	12:04	rts	P97-012	water	1/21/97	13:15	rbk	0.081
BOJR84	1/21/97	12:41	rts	P97-012	water	1/21/97	13:25	rbk	0.027
BOJXW5	1/21/97	12:41	rts	P97-012	water	1/21/97	13:35	rbk	0.022
BOJXW4	1/21/97	12:41	rts	P97-012	water	1/21/97	13:45	rbk	0.021
BOJR86	1/22/97	9:41	rts	P97-012	water	1/22/97	10:15	rbk	0.051
BOJR88	1/22/97	9:41	rts	P97-012	water	1/22/97	10:25	rbk	0.050
BOJR87	1/22/97	10:14	rts	P97-012	water	1/22/97	10:50	rbk	0.030
BOK000	3/19/97	10:22	rrf	C97-020	water	3/19/97	14:45	rbk	0.011
BOJYY8	3/20/97	10:22	agr	C97-020	water	3/20/97	17:45	rbk	0.673
BOJYY9	3/20/97	11:05	agr	C97-020	water	3/20/97	17:55	rbk	0.078
B0K005	3/26/97	9:50	rts	C97-021	water	3/26/97	15:20	ldw	0.062
B0K006	3/26/97	10:43	rts	C97-021	water	3/26/97	15:35	ldw	0.096
B0K3N0	3/26/97	9:50	rts	C97-021	water	3/26/97	15:45	ldw	0.060
B0K008	3/26/97	11:23	rts	C97-021	water	3/27/97	10:25	ldw	0.182
B0K433	3/26/97	11:35	rts	C97-021	water	3/27/97	10:38	ldw	0.166
B0K434	3/26/97	11:45	rts	C97-021	water	3/27/97	10:48	ldw	0.173
B0K6C9	4/2/97	10:06	agr	C97-012	water	4/3/97	9:45	rbk	0.014
B0K6D0	4/2/97	11:42	agr	C97-012	water	4/3/97	10:00	rbk	0.080
B0K6D1	4/7/97	10:08	agr	C97-012	water	4/7/97	12:40	rbk	0.018
B0K6D2	4/7/97	9:30	agr	C97-012	water	4/7/97	12:15	rbk	0.060