

DATA DELIVERABLE COVER SHEET

0052217

Data Deliverable Cover Sheet

Date: Wednesday, December 30, 1998

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

Sample authorization form number: B98-117

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

Total number of pages (including cover sheet): 2 pages

Comments:

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

M.A. Baehler
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.



100-11K-3 Hardness and Alkalinity Testing

Advanced Data Copy / SAF B98-XXX

Sample Location	HEIS Number	Time	Date	Dilution	Mg as CaCO ₃ (mg/L)	Mg (mg/L)	Ca as CaCO ₃ (mg/L)	Ca (mg/L)	Total Hardness (mg/L)	Phenolphthalein Alkalinity CaCO ₃ (mg/L)	Total Alkalinity CaCO ₃ (mg/L)	pH	Conductivity (uS/cm)	Temperature (°C)
HP-16 Influent	BOPJL2	8:47	7/30/98	100	76	18.6	172	69	248	0	120	7.73	534	20.4
Effluent	BOPJL3	8:49	7/30/98	100	76	18.6	173	69	249	0	122	7.83	529	20.3
199-D8-53	BOPJL4	8:28	7/30/98	100	59	14.4	159	64	218	0	69	7.98	419	20.9
199-D8-54A	BOPJL5	8:27	7/30/98	100	64	15.6	152	61	216	0	72	8.02	422	21.1

100-HP-3 Sewing Investigation

100-11K-3
7/30/98
N/A

0630 Arrived at 3726 building. Calibrated brown medd 2927H pH meter 5N 665335

pH buffer 7.00, VWR lot # 9608174 exp. 8/98 - meter reading 6.996

pH buffer 10.00, VWR lot # 9607053 exp. 7/98 - meter reading 10.008

Calibrated Orem Conductivity meter 5N 44326003 with 0.51 conductivity calibrator lot # 97H0231 exp. 8/98 - meter reading 1000 uS/cm

0800 Arrived at 100-HP-3 Pump & Heat Building. Met w/ operator (DL Hutchinson) & signed in.

0835 Arrived at 100-HP-3 D-Trombe structure. Pulled samples from wells 100-D8-53 and 100-D8-54A. Field readings to be conducted at 100-HP-3 laboratory trailer.

0840 Arrived back at 100-HP-3 Pump & Heat Building. Pumping from HP19 Influent and Effluent tank.

0900 Started field readings (pH, temp, cond.)

0921 Completed field readings

0930 Started hardness testing

1015 Completed hardness testing. Setup for alkalinity testing

M.H. Baechler / M. G. Baechler

1030 Started alkalinity testing

1100 Completed alkalinity testing

1105 Packed up equipment.

1120 Signed out and left site.

Continued on Page N/A