

**From:** Dana Dean  
**To:** Mark  
**Date:** 12/11/2003 3:56:12 PM  
**Subject:** Re: Water Monitoring

Mark,

I have now uploaded the 2nd quarter data for Bear and Hiawatha. Reports are attached.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.  
Senior Reclamation Hydrologist  
(801) 538-5320  
danadean@utah.gov

**CC:** Angela Nance; Dave Darby; Jim Smith; Joe Helfrich; Pete Hess

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OFFICIAL UPLOAD REPORT

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**OWNER: HIAWATHA COAL CO**  
**MINE: HIAWATHA COMPLEX**

**SITE TYPE: Spring**

SITE: SP-11

Laboratory: CTE 59-25407 Period:OPER  
Sample Date: 06/25/2003 Time: 14:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: SP-12

Laboratory: CTE 59-25408 Period:OPER  
Sample Date: 06/25/2003 Time: 16:34 Reported: 07/08/2003 Received: 06/30/2003

SITE: SP-13

NO FLOW Date: 06/26/2003 Time: 14:20

SITE: SP-2

Laboratory: CTE 59-25404 Period:OPER  
Sample Date: 06/25/2003 Time: 16:07 Reported: 07/08/2003 Received: 06/30/2003

SITE: SP-4

Laboratory: CTE 59-25405 Period:OPER  
Sample Date: 06/25/2003 Time: 17:07 Reported: 07/08/2003 Received: 06/30/2003

SITE: SP-5

Laboratory: CTE 59-25406 Period:OPER  
Sample Date: 06/25/2003 Time: 15:32 Reported: 07/08/2003 Received: 06/30/2003

**SITE TYPE: Stream**

SITE: ST-1

Laboratory: CTE 59-25116 Period:OPER  
Sample Date: 04/08/2003 Time: 18:53 Reported: 04/22/2003 Received: 04/17/2003

Laboratory: FLD 20030527-5 Period:OPER  
Sample Date: 05/27/2003 Time: 17:26 Reported: Received:

Laboratory: FLD 20030605-2 Period:OPER  
Sample Date: 06/05/2003 Time: 10:55 Reported: Received:

SITE: ST-2

NO FLOW Date: 04/08/2003 Time: 15:21

Laboratory: FLD 20030527-6 Period:OPER  
Sample Date: 05/27/2003 Time: 17:01 Reported: Received:

Laboratory: FLD 20030605-3 Period:OPER  
Sample Date: 06/05/2003 Time: 13:20 Reported: Received:

SITE: ST-2B

Laboratory: CTE 59-25115 Period:OPER  
Sample Date: 04/08/2003 Time: 15:30 Reported: 04/22/2003 Received: 04/17/2003

Laboratory: FLD 20030527-7 Period:OPER  
Sample Date: 05/27/2003 Time: 17:22 Reported: Received:

Laboratory: FLD 20030605-4 Period:OPER  
Sample Date: 06/05/2003 Time: 11:03 Reported: Received:

SITE: ST-3

Laboratory: CTE 59-25113 Period:OPER  
Sample Date: 04/08/2003 Time: 15:55 Reported: 04/22/2003 Received: 04/17/2003

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NO FLOW Date: 05/27/2003 Time: 17:42

NO FLOW Date: 06/05/2003 Time: 10:35

SITE: ST-3A  
 NO FLOW Date: 04/08/2003 Time: 15:55

NO FLOW Date: 05/27/2003 Time: 18:00

NO FLOW Date: 06/05/2003 Time: 14:08

SITE: ST-3B  
 NO FLOW Date: 04/08/2003 Time: 15:58

NO FLOW Date: 05/27/2003 Time: 18:05

NO FLOW Date: 06/05/2003 Time: 14:02

SITE: ST-4  
 NO FLOW Date: 04/08/2003 Time: 16:15

NO FLOW Date: 05/27/2003 Time: 18:50

NO FLOW Date: 06/05/2003 Time: 14:32

SITE: ST-4A  
 NO FLOW Date: 04/08/2003 Time: 16:42

NO FLOW Date: 05/27/2003 Time: 18:30

NO FLOW Date: 06/05/2003 Time: 14:25

SITE: ST-4B  
 NO FLOW Date: 04/08/2003 Time: 16:55

NO FLOW Date: 05/27/2003 Time: 18:15

NO FLOW Date: 06/05/2003 Time: 14:16

SITE: ST-5  
 Laboratory: CTE 59-25114 Period:OPER  
 Sample Date: 04/08/2003 Time: 19:51 Reported: 04/22/2003 Received: 04/17/2003

Laboratory: FLD 20030527-4 Period:OPER  
 Sample Date: 05/27/2003 Time: 16:22 Reported: Received:

Laboratory: FLD 20030605-1 Period:OPER  
 Sample Date: 06/05/2003 Time: 10:15 Reported: Received:

**SITE TYPE: UPDES Permit discharge point**

SITE: UT0023094-001  
 Laboratory: FLD 20030408-1 Period:OPER  
 Sample Date: 04/08/2003 Time: 18:53 Reported: Received:

NO FLOW Date: 05/08/2003 Time: 13:30

NO FLOW Date: 06/05/2003 Time: 09:47

SITE: UT0023094-002  
 NO FLOW Date: 04/08/2003 Time: 14:32

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Laboratory: CTE 59-25156    Period:OPER  
Sample Date: 05/08/2003    Time: 12:55    Reported: 05/27/2003    Received: 05/13/2003  
Comments: THE ORIGINAL PIPE WAS BROKEN SO WATER COMING HOSE

NO FLOW    Date: 06/05/2003    Time: 10:25