

**From:** Dana Dean  
**To:** Mark Reynolds  
**Date:** 7/1/2005 11:49:02 AM  
**Subject:** Re: water monitoring (1st quarter)

Mark,

I have uploaded all of the information for Bear Canyon and Hiawatha from the pipeline into the database. Reports are attached.

It looks like you have included all required samples and parameters.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.  
Senior Reclamation Hydrologist  
Utah Division of Oil, Gas, and Mining  
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>>> Mark Reynolds <mreynolds@etvnet> 06/30/2005 10:11 PM >>>  
All samples for Bear Canyon and Hiawatha are in the pipeline and ready to upload.

There are some samples that need to be removed. They are all UTG04006-004 sites. You will see that there are duplicate entries for some of the months. The sampler was opening the discharge valve on our water tank to get the samples and that was the only time water was discharge. Then my secretary ok'd them to before I reviewed them because the database said everything was fine, so I couldn't tell the database to remove them

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

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Oil, Gas and Mining  
OFFICIAL UPLOAD REPORT

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

**SITE TYPE: UPDES Permit discharge point**

SITE: UT0023094-001  
Laboratory: FLD 20050110-1 Period:OPER  
Sample Date: 01/10/2005 Time: 11:30 Reported: 01/10/2005 Received: 01/10/2005

Laboratory: CTE 59-27259 Period:UPDS  
Sample Date: 02/17/2005 Time: 12:32 Reported: 02/23/2005 Received: 02/18/2005

Laboratory: FLD 20050311-1 Period:OPER  
Sample Date: 03/11/2005 Time: 11:45 Reported: 03/11/2005 Received: 03/11/2005

SITE: UT0023094-002  
Laboratory: FLD 20050110-2 Period:OPER  
Sample Date: 01/10/2005 Time: 11:55 Reported: 01/10/2005 Received: 01/10/2005

Laboratory: CTE 59-27260 Period:UPDS  
Sample Date: 02/17/2005 Time: 12:32 Reported: 02/23/2005 Received: 02/17/2005

Laboratory: FLD 20050311-2 Period:OPER  
Sample Date: 03/11/2005 Time: 11:52 Reported: 03/11/2005 Received: 03/11/2005

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**OWNER: CO-OP MINING CO.**  
**MINE: BEAR CANYON**

**SITE TYPE: Other: in mine, roof drippers**

SITE: SBC9A

Laboratory: CTE 59-27269 Period:OPER

Sample Date: 02/24/2005 Time: 11:00 Reported: 03/15/2005 Received: 02/24/2005

**SITE TYPE: Spring**

SITE: SBC-11

NO FLOW Date: 01/18/2005 Time: 12:00

NO ACCESS Date: 02/14/2005 Time: 12:50

SITE: SBC-14

Laboratory: CTE 59-27268 Period:OPER

Sample Date: 02/22/2005 Time: 12:30 Reported: 03/04/2005 Received: 02/24/2005

SITE: SBC-17

NO FLOW Date: 02/22/2005 Time: 11:30

SITE: SBC-3

Laboratory: CTE 59-27267 Period:OPER

Sample Date: 02/22/2005 Time: 13:00 Reported: 03/04/2005 Received: 02/24/2005

SITE: SBC-4

Laboratory: CTE 59-27277 Period:OPER

Sample Date: 02/28/2005 Time: 14:28 Reported: 03/11/2005 Received: 02/28/2005

SITE: SBC-5

Laboratory: CTE 59-27278 Period:OPER

Sample Date: 02/28/2005 Time: 14:05 Reported: 03/11/2005 Received: 02/28/2005

**SITE TYPE: Stream**

SITE: BC-1

Laboratory: CTE 59-27275 Period:OPER

Sample Date: 02/28/2005 Time: 11:50 Reported: 03/11/2005 Received: 02/28/2005

SITE: BC-2

Laboratory: CTE 59-27276 Period:OPER

Sample Date: 02/28/2005 Time: 12:10 Reported: 03/11/2005 Received: 02/28/2005

SITE: BC-3

NO FLOW Date: 02/28/2005 Time: 11:48

SITE: BC-4

NO FLOW Date: 02/22/2005 Time: 12:20

**SITE TYPE: UPDES Permit discharge point**

SITE: UTG040006-002

NO FLOW Date: 01/18/2005 Time: 12:25

NO FLOW Date: 02/14/2005 Time: 12:36

NO FLOW Date: 03/19/2005 Time: 12:18

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SITE: UTG040006-003

NO FLOW Date: 01/18/2005 Time: 12:20  
NO FLOW Date: 02/14/2005 Time: 12:21  
NO FLOW Date: 03/19/2005 Time: 12:13

SITE: UTG040006-004

NO FLOW Date: 01/18/2005 Time: 12:10  
NO FLOW Date: 01/28/2005 Time: 12:10  
NO FLOW Date: 02/14/2005 Time: 12:00  
NO FLOW Date: 02/28/2005 Time:  
NO FLOW Date: 03/19/2005 Time: 12:02  
NO FLOW Date: 03/21/2005 Time: 16:00

SITE: UTG040006-006

NO FLOW Date: 01/18/2005 Time: 12:14  
NO FLOW Date: 02/14/2005 Time: 12:12  
NO FLOW Date: 03/19/2005 Time: 12:07

SITE: UTG040006-007

NO FLOW Date: 01/18/2005 Time: 12:29  
NO FLOW Date: 02/14/2005 Time: 12:40  
NO FLOW Date: 03/19/2005 Time: 12:25