

**From:** Dana Dean  
**To:** cwmining@etv.net  
**Date:** 1/2/03 12:30PM  
**Subject:** Data upload

Mark,

I uploaded all of the Bear Canyon and Hiawatha data for 3rd Quarter 2002. A report is attached.

Please let me know if you have any questions.

Thank you,

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

**CC:** Angela Nance; Jim Smith; Joe Helfrich; Mike Suflita

OFFICIAL UPLOAD REPORT

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**OWNER: CO-OP MINING CO.**

**MINE: BEAR CANYON**

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

SITE: SBC-13  
NO ACCESS Date: 08/14/2002 Time:

SITE: SBC9A  
Laboratory: CTE 59-24539 Period:BASE  
Sample Date: 09/25/2002 Time: 14:30 Reported: 10/04/2002 Received: 09/26/2002

**SITE TYPE: Spring**

SITE: SBC-11  
Laboratory: CTE 59-24540 Period:BASE  
Sample Date: 09/25/2002 Time: 14:42 Reported: 10/04/2002 Received: 09/26/2002

SITE: SBC-12  
Laboratory: FLD 20020718-2 Period:OPER  
Sample Date: 07/18/2002 Time: 15:05 Reported: Received:

Laboratory: FLD 20020814-1 Period:OPER  
Sample Date: 08/14/2002 Time: 15:40 Reported: Received:

SITE: SBC-14  
Laboratory: CTE 59-24343 Period:OPER  
Sample Date: 08/14/2002 Time: 00:30 Reported: 09/10/2002 Received: 08/15/2002

SITE: SBC-15  
Laboratory: FLD 20020718-7 Period:OPER  
Sample Date: 07/18/2002 Time: 14:30 Reported: Received:

Laboratory: FLD 20020814-3 Period:OPER  
Sample Date: 08/14/2002 Time: 16:30 Reported: Received:

SITE: SBC-16  
Laboratory: FLD 20020718-8 Period:OPER  
Sample Date: 07/18/2002 Time: 14:11 Reported: Received:

Laboratory: FLD 20020814-4 Period:OPER  
Sample Date: 08/14/2002 Time: 16:15 Reported: Received:

SITE: SBC-17  
Laboratory: CTE 59-24344 Period:OPER  
Sample Date: 08/14/2002 Time: 10:30 Reported: 09/10/2002 Received: 08/15/2002

SITE: SBC-4  
Laboratory: CTE 59-24402 Period:OPER  
Sample Date: 08/30/2002 Time: 14:30 Reported: 09/11/2002 Received: 08/30/2002

SITE: SBC-5  
Laboratory: CTE 59-24401 Period:OPER  
Sample Date: 08/30/2002 Time: 14:15 Reported: 09/11/2002 Received: 08/30/2002

SITE: SMH-1  
Laboratory: FLD 20020718-3 Period:OPER  
Sample Date: 07/18/2002 Time: 12:05 Reported: Received:

Laboratory: FLD 20020816-P Period:OPER  
Sample Date: 08/16/2002 Time: 19:35 Reported: Received:

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SITE: SMH-2

Laboratory: FLD 20020718-4 Period:OPER  
Sample Date: 07/18/2002 Time: 10:45 Reported: Received:

Laboratory: FLD 20020816-Q Period:OPER  
Sample Date: 08/16/2002 Time: 19:23 Reported: Received:

SITE: SMH-3

Laboratory: FLD 20020718-5 Period:OPER  
Sample Date: 07/18/2002 Time: 11:08 Reported: Received:

Laboratory: FLD 20020816-R Period:OPER  
Sample Date: 08/16/2002 Time: 19:50 Reported: Received:

SITE: SMH-4

Laboratory: FLD 20020718-6 Period:OPER  
Sample Date: 07/18/2002 Time: 12:45 Reported: Received:

Laboratory: FLD 20020814-2 Period:OPER  
Sample Date: 08/14/2002 Time: 15:20 Reported: Received:

**SITE TYPE: Stream**

SITE: BC-1

Laboratory: FLD 20020718-1 Period:OPER  
Sample Date: 07/18/2002 Time: 16:50 Reported: Received:

Laboratory: CTE 59-24340 Period:OPER  
Sample Date: 08/14/2002 Time: 09:15 Reported: 08/26/2002 Received: 08/15/2002

Laboratory: FLD 20020925-8 Period:OPER  
Sample Date: 09/25/2002 Time: 16:00 Reported: Received:

SITE: BC-2

NO FLOW Date: 07/18/2002 Time: 16:30

Laboratory: CTE 59-24341 Period:OPER  
Sample Date: 08/14/2002 Time: 13:20 Reported: 08/26/2002 Received: 08/15/2002

NO FLOW Date: 09/24/2002 Time: 15:25

SITE: BC-3

NO FLOW Date: 07/19/2002 Time: 08:40

NO FLOW Date: 08/14/2002 Time: 08:45

NO FLOW Date: 09/24/2002 Time: 15:00

SITE: BC-4

NO FLOW Date: 07/19/2002 Time: 00:55

NO FLOW Date: 08/13/2002 Time: 12:30

NO FLOW Date: 09/25/2002 Time: 16:50

SITE: FC-1

NO FLOW Date: 07/17/2002 Time: 17:35

NO FLOW Date: 08/13/2002 Time: 00:35

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SITE: MH-1

NO FLOW Date: 07/18/2002 Time: 12:15

NO FLOW Date: 08/16/2002 Time: 19:37

**SITE TYPE: UPDES Permit discharge point**

SITE: UTG040006-004

NO FLOW Date: 07/17/2002 Time: 11:30

NO FLOW Date: 08/14/2002 Time: 11:40

NO ACCESS Date: 09/25/2002 Time:

**SITE TYPE: Well**

SITE: MW-114

NO ACCESS Date: 07/18/2002 Time:

NO ACCESS Date: 08/16/2002 Time:

NO ACCESS Date: 09/25/2002 Time:

SITE: MW-117

NO ACCESS Date: 07/18/2002 Time:

NO ACCESS Date: 08/16/2002 Time:

NO ACCESS Date: 09/25/2002 Time:

SITE: SBC-3

Laboratory: CTE 59-24342 Period:OPER

Sample Date: 08/14/2002 Time: 11:10 Reported: 09/10/2002 Received: 08/15/2002

SITE: SDH-2

NO ACCESS Date: 07/18/2002 Time:

NO ACCESS Date: 08/16/2002 Time:

NO ACCESS Date: 09/25/2002 Time:

SITE: SDH-3

NO ACCESS Date: 07/18/2002 Time:

NO ACCESS Date: 08/16/2002 Time:

NO ACCESS Date: 09/25/2002 Time:

OFFICIAL UPLOAD REPORT

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**OWNER: HIAWATHA COAL CO**

**MINE: HIAWATHA COMPLEX**

**SITE TYPE: Stream**

SITE: ST-1

Laboratory: FLD 20020719-2 Period:OPER  
Sample Date: 07/19/2002 Time: 13:30 Reported: Received:

Laboratory: FLD 20020814-6 Period:OPER  
Sample Date: 08/14/2002 Time: 18:40 Reported: Received:

Laboratory: CTE 59-24743 Period:OPER  
Sample Date: 09/22/2002 Time: 15:20 Reported: 11/13/2002 Received: 10/31/2002

SITE: ST-2

Laboratory: FLD 20020719-3 Period:OPER  
Sample Date: 07/19/2002 Time: 12:50 Reported: Received:

NO FLOW Date: 08/14/2002 Time: 18:25

Laboratory: CTE 59-24742 Period:OPER  
Sample Date: 09/22/2002 Time: 15:00 Reported: 11/13/2002 Received: 10/31/2002

SITE: ST-2B

Laboratory: FLD 20020719-4 Period:OPER  
Sample Date: 07/19/2002 Time: 12:15 Reported: Received:

Laboratory: FLD 20020814-7 Period:OPER  
Sample Date: 08/14/2002 Time: 18:10 Reported: Received:

Laboratory: CTE 59-24740 Period:OPER  
Sample Date: 09/22/2002 Time: 14:35 Reported: 11/13/2002 Received: 10/31/2002

SITE: ST-3

NO FLOW Date: 07/19/2002 Time: 11:45

NO FLOW Date: 08/14/2002 Time: 18:55

NO FLOW Date: 09/22/2002 Time: 12:30

SITE: ST-3A

NO FLOW Date: 07/19/2002 Time: 13:50

NO FLOW Date: 08/30/2002 Time: 13:40

NO FLOW Date: 09/22/2002 Time: 13:25

SITE: ST-3B

NO FLOW Date: 07/19/2002 Time: 13:45

NO FLOW Date: 08/30/2002 Time: 13:46

NO FLOW Date: 09/22/2002 Time: 13:20

SITE: ST-4

NO FLOW Date: 07/19/2002 Time: 11:35

NO FLOW Date: 08/30/2002 Time: 14:04

NO FLOW Date: 09/22/2002 Time: 12:20

OFFICIAL UPLOAD REPORT

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SITE: ST-4A

NO FLOW Date: 07/19/2002 Time: 14:05

NO FLOW Date: 08/30/2002 Time: 13:57

NO FLOW Date: 09/22/2002 Time: 13:05

SITE: ST-4B

NO FLOW Date: 07/19/2002 Time: 14:00

NO FLOW Date: 08/30/2002 Time: 13:51

NO FLOW Date: 09/22/2002 Time: 12:45

SITE: ST-5

Laboratory: FLD 20020719-1 Period:OPER

Sample Date: 07/19/2002 Time: 02:12 Reported: Received:

Laboratory: FLD 20020814-5 Period:OPER

Sample Date: 08/14/2002 Time: 14:12 Reported: Received:

Laboratory: CTE 59-24741 Period:OPER

Sample Date: 09/22/2002 Time: 14:00 Reported: 11/13/2002 Received: 10/31/2002

**SITE TYPE: UPDES Permit discharge point**

SITE: UT0023094-001

Laboratory: FLD 20020719-5 Period:UPDS

Sample Date: 07/19/2002 Time: 14:45 Reported: Received:

Laboratory: CTE 59-24345 Period:UPDS

Sample Date: 08/14/2002 Time: 17:10 Reported: 08/21/2002 Received: 08/15/2002

Laboratory: FLD 20020922-1 Period:UPDS

Sample Date: 09/22/2002 Time: 11:45 Reported: Received:

SITE: UT0023094-002

NO FLOW Date: 07/19/2002 Time: 14:30

NO FLOW Date: 08/16/2002 Time: 11:00

NO FLOW Date: 09/22/2002 Time: 11:20