

From: Dana Dean
To: Reynolds, Mark
Date: 6/26/03 1:15PM
Subject: Water Data Upload

Mark:

I have uploaded all of the fourth quarter, 2002 samples from the pipeline for Bear Canyon 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

OFFICIAL UPLOAD REPORT

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

SITE TYPE: Spring

SITE: SBC-11

Laboratory: CTE 59-24720 Period:OPER
Sample Date: 10/22/2002 Time: 08:22 Reported: 12/05/2002 Received: 10/29/2002

SITE: SBC-12

NO FLOW Date: 10/30/2002 Time: 00:30

SITE: SBC-14

Laboratory: CTE 59-24730 Period:OPER
Sample Date: 10/29/2002 Time: 16:00 Reported: 11/13/2002 Received: 10/30/2002

Laboratory: CTE 59-24979 Period:OPER
Sample Date: 02/04/2003 Time: 13:47 Reported: 02/21/2003 Received: 02/06/2003

SITE: SBC-15

NO FLOW Date: 10/30/2002 Time:

SITE: SBC-16

NO FLOW Date: 10/30/2002 Time:

SITE: SBC-17

Laboratory: CTE 59-24722 Period:OPER
Sample Date: 10/14/2002 Time: Reported: 11/04/2002 Received: 10/29/2002

Laboratory: CTE 59-24980 Period:OPER
Sample Date: 02/04/2003 Time: 10:10 Reported: 02/21/2003 Received: 02/06/2003

SITE: SBC-3

NO FLOW Date: 10/30/2002 Time:

Laboratory: CTE 59-24977 Period:OPER
Sample Date: 02/04/2003 Time: 13:20 Reported: 02/21/2003 Received: 02/06/2003

SITE: SBC-4

Laboratory: CTE 59-24728 Period:OPER
Sample Date: 10/29/2002 Time: Reported: 11/07/2002 Received: 10/29/2002

Laboratory: CTE 59-24972 Period:OPER
Sample Date: 02/04/2003 Time: 11:15 Reported: 02/24/2003 Received: 02/04/2003

SITE: SBC-5

Laboratory: CTE 59-24727 Period:OPER
Sample Date: 10/29/2002 Time: Reported: 11/12/2002 Received: 10/29/2002

Laboratory: CTE 59-24971 Period:OPER
Sample Date: 02/04/2003 Time: 11:00 Reported: 02/24/2003 Received: 02/04/2003

SITE: SBC9A

Laboratory: CTE 59-24721 Period:OPER
Sample Date: 10/22/2002 Time: 08:13 Reported: 12/05/2002 Received: 10/29/2002

Laboratory: CTE 59-24978 Period:OPER
Sample Date: 02/06/2003 Time: 14:40 Reported: 02/25/2003 Received: 02/06/2003

SITE: SMH-1

NO FLOW Date: 10/30/2002 Time:

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SITE: SMH-2

NO FLOW Date: 10/30/2002 Time:

SITE: SMH-3

NO FLOW Date: 10/30/2002 Time: 00:00
Comments: Frozen

SITE: SMH-4

NO FLOW Date: 10/30/2002 Time:

SITE TYPE: Stream

SITE: BC-1

Laboratory: CTE 59-24723 Period:OPER
Sample Date: 10/19/2002 Time: 11:15 Reported: 11/07/2002 Received: 10/29/2002

Laboratory: CTE 59-24976 Period:OPER
Sample Date: 02/04/2003 Time: 10:40 Reported: 02/21/2003 Received: 02/06/2003

SITE: BC-2

Laboratory: CTE 59-24729 Period:OPER
Sample Date: 10/29/2002 Time: 16:26 Reported: 11/12/2002 Received: 10/30/2002

NO FLOW Date: 02/04/2003 Time: 13:15

SITE: BC-3

NO FLOW Date: 10/29/2002 Time:

NO FLOW Date: 02/04/2003 Time: 14:00

SITE: BC-4

NO FLOW Date: 10/29/2002 Time:

NO FLOW Date: 02/04/2003 Time: 13:35

SITE: FC-1

NO FLOW Date: 10/29/2002 Time:

SITE: MH-1

NO FLOW Date: 10/29/2002 Time:

SITE TYPE: UPDES Permit discharge point

SITE: UTG040006-002

NO FLOW Date: 04/01/2002 Time:

NO FLOW Date: 05/01/2002 Time:

NO FLOW Date: 06/01/2002 Time:

NO FLOW Date: 07/01/2002 Time:

NO FLOW Date: 08/01/2002 Time:

NO FLOW Date: 09/01/2002 Time:

NO FLOW Date: 10/19/2002 Time: 14:32

NO FLOW Date: 11/26/2002 Time: 12:38

NO FLOW Date: 12/03/2002 Time: 16:42

NO FLOW Date: 01/28/2003 Time: 12:30

OFFICIAL UPLOAD REPORT

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NO FLOW Date: 03/04/2003 Time: 14:20

NO FLOW Date: 03/28/2003 Time: 12:45

SITE: UTG040006-003

NO FLOW Date: 04/01/2002 Time:

NO FLOW Date: 05/01/2002 Time:

NO FLOW Date: 06/01/2002 Time:

NO FLOW Date: 07/01/2002 Time:

NO FLOW Date: 08/01/2002 Time:

NO FLOW Date: 09/01/2002 Time:

NO FLOW Date: 10/19/2002 Time: 14:32

NO FLOW Date: 11/26/2002 Time: 12:38

NO FLOW Date: 12/03/2002 Time: 16:42

NO FLOW Date: 01/28/2003 Time: 12:30

NO FLOW Date: 03/04/2003 Time: 14:20

NO FLOW Date: 03/28/2003 Time: 12:45

SITE: UTG040006-004

NO FLOW Date: 10/02/2002 Time:

Laboratory: CTE 59-24724 Period:UPDS
Sample Date: 10/19/2002 Time: Reported: 11/07/2002 Received: 10/29/2002

Laboratory: CTE 59-24831 Period:UPDS
Sample Date: 11/14/2002 Time: 14:50 Reported: 12/09/2002 Received: 11/14/2002
Comments: Sarah Stroud

Laboratory: FLD 20021126-1 Period:UPDS
Sample Date: 11/26/2002 Time: 12:38 Reported: Received:

Laboratory: CTE 59-24875 Period:UPDS
Sample Date: 12/03/2002 Time: 16:42 Reported: 12/12/2002 Received: 12/05/2002

Laboratory: FLD 20021219-1 Period:UPDS
Sample Date: 12/19/2002 Time: 10:11 Reported: Received:

NO FLOW Date: 01/20/2003 Time: 14:40

NO FLOW Date: 01/23/2003 Time: 15:25

NO FLOW Date: 02/04/2003 Time: 12:50

Laboratory: CTE 59-24991 Period:OPER
Sample Date: 02/25/2003 Time: 10:28 Reported: 03/06/2003 Received: 02/25/2003

NO FLOW Date: 03/18/2003 Time: 11:20

NO FLOW Date: 03/25/2003 Time: 13:05

OFFICIAL UPLOAD REPORT

=====

SITE: UTG040006-006

NO FLOW Date: 04/01/2002 Time:

NO FLOW Date: 05/01/2002 Time:

NO FLOW Date: 06/01/2002 Time:

NO FLOW Date: 07/01/2002 Time:

NO FLOW Date: 08/01/2002 Time:

NO FLOW Date: 09/01/2002 Time:

NO FLOW Date: 10/19/2002 Time: 14:32

Laboratory: FLD 20021126-2 Period:UPDS
Sample Date: 11/26/2002 Time: 12:38 Reported: Received:

Laboratory: FLD 20021203-8 Period:UPDS
Sample Date: 12/03/2002 Time: 16:42 Reported: Received:

NO FLOW Date: 01/28/2003 Time: 12:30

NO FLOW Date: 03/04/2003 Time: 14:20

NO FLOW Date: 03/28/2003 Time: 12:45

SITE: UTG040006-007

NO FLOW Date: 04/01/2002 Time:

NO FLOW Date: 05/01/2002 Time:

NO FLOW Date: 06/01/2002 Time:

NO FLOW Date: 07/01/2002 Time:

NO FLOW Date: 08/01/2002 Time:

NO FLOW Date: 09/01/2002 Time:

NO FLOW Date: 01/28/2003 Time: 12:30

NO FLOW Date: 03/04/2003 Time: 14:20

NO FLOW Date: 03/28/2003 Time: 12:45

SITE TYPE: Well

SITE: MW-114
NO ACCESS Date: 10/30/2002 Time:

SITE: MW-117
NO ACCESS Date: 10/30/2002 Time:

SITE: SDH-2
NO ACCESS Date: 10/30/2002 Time:

SITE: SDH-3
NO ACCESS Date: 10/30/2002 Time:

OFFICIAL UPLOAD REPORT

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OWNER: HIAWATHA COAL CO
MINE: HIAWATHA COMPLEX

SITE TYPE: Spring

SITE: SP-11
Laboratory: CTE 59-24746 Period:OPER
Sample Date: 10/30/2002 Time: Reported: 11/12/2002 Received: 10/31/2002

SITE: SP-12
NO FLOW Date: 10/25/2002 Time:

SITE: SP-13
NO FLOW Date: 10/25/2002 Time:

SITE: SP-2
NO FLOW Date: 10/25/2002 Time:

SITE: SP-4
NO FLOW Date: 10/25/2002 Time:

SITE: SP-5
NO FLOW Date: 10/25/2002 Time:

SITE TYPE: Stream

SITE: ST-1
Laboratory: FLD 20021030-2 Period:OPER
Sample Date: 10/30/2002 Time: 11:30 Reported: Received:

SITE: ST-2
Laboratory: FLD 20021030-3 Period:OPER
Sample Date: 10/30/2002 Time: 11:40 Reported: Received:

SITE: ST-2B
Laboratory: FLD 20021030-4 Period:OPER
Sample Date: 10/30/2002 Time: 11:55 Reported: Received:

SITE: ST-3
NO FLOW Date: 10/30/2002 Time: 10:00

SITE: ST-3A
NO FLOW Date: 10/30/2002 Time: 10:20

SITE: ST-3B
NO FLOW Date: 10/30/2002 Time: 10:17

SITE: ST-4
NO FLOW Date: 10/30/2002 Time: 09:55

SITE: ST-4A
NO FLOW Date: 10/30/2002 Time: 10:40

SITE: ST-4B
NO FLOW Date: 10/30/2002 Time: 10:42

SITE: ST-5
Laboratory: FLD 20021030-1 Period:OPER
Sample Date: 10/30/2002 Time: 11:06 Reported: Received:

OFFICIAL UPLOAD REPORT

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SITE TYPE: UPDES Permit discharge point

SITE: UT0023094-001

Laboratory: CTE 59-24744 Period:UPDS
Sample Date: 10/30/2002 Time: 12:00 Reported: 11/12/2002 Received: 10/31/2002
Comments: none visable

Laboratory: FLD 20021112-A Period:UPDS
Sample Date: 11/12/2002 Time: 17:10 Reported: Received:

Laboratory: FLD 20021231-1 Period:UPDS
Sample Date: 12/31/2002 Time: Reported: Received:

Laboratory: FLD 20030107-C Period:UPDS
Sample Date: 01/07/2003 Time: 11:38 Reported: Received:
Comments: M.R

Laboratory: CTE 59-24974 Period:UPDS
Sample Date: 02/04/2003 Time: 11:15 Reported: 02/12/2003 Received: 02/06/2003

Laboratory: FLD 20030306-1 Period:UPDS
Sample Date: 03/06/2003 Time: 16:21 Reported: Received:

SITE: UT0023094-002

Laboratory: CTE 59-2745 Period:UPDS
Sample Date: 10/30/2002 Time: 11:00 Reported: 11/12/2002 Received: 10/31/2002
Comments: no sheen observed

Laboratory: FLD 20021112-B Period:UPDS
Sample Date: 11/12/2002 Time: 17:30 Reported: Received:

Laboratory: FLD 20021231-2 Period:UPDS
Sample Date: 12/31/2002 Time: Reported: Received:

Laboratory: FLD 20030107-D Period:UPDS
Sample Date: 01/07/2003 Time: 12:18 Reported: Received:
Comments: M.R

Laboratory: CTE 59-24975 Period:UPDS
Sample Date: 02/06/2003 Time: 11:35 Reported: 02/12/2003 Received: 02/06/2003

Laboratory: FLD 20030306-2 Period:UPDS
Sample Date: 03/06/2003 Time: 17:00 Reported: Received: