

From: Dana Dean
To: "cwmining@etv.net".mime.MNET
Date: 10/3/2005 10:17:26 AM
Subject: Re: Hiawatha Water Monitoring

Melissa,

I have uploaded all of the information for the Hiawatha Complex from the pipeline into the permanent database. A report is attached.

I took care of the items you mentioned.

It looks like you have included all required samples and parameters for the second quarter of 2005.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.
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Utah Division of Oil, Gas, and Mining
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>>> Melissa <cwmining@etv.net> 9/30/2005 11:17 PM >>>
Hiawatha Water Monitoring For Second Quarter are in the Pipe Line and
resdy to upload.

Due to the logging above Hiawatha and the wet year we had unusually high runoff during May and June. When the sites were upload your database flagged them as being greater then 20% deviation. in order make your site accept them they added a less then sign in front of several of the flows. It was then ok'd before I checked it so I couldn't change them. Could you please remove the signs and check the flows as value ok. I verified that all the flow numbers are correct.
The sites are
ST-3, St-3B, ST-4, ST-4A, ST-4B, ST-5, ST-2, and ST-2B.

Also UT0023094-002 Has a repeat Sample for 5-31-2005 that we need to get rid of and UT0023094-011 the date 5-16-05 needs to be changed to 4-16-05 if possible.

CC: Dave Darby; Joe Helfrich

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OFFICIAL UPLOAD REPORT

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OWNER: HIAWATHA COAL CO
MINE: HIAWATHA COMPLEX

SITE TYPE: Spring

SITE: SP-11

NO ACCESS Date: 06/27/2005 Time: 09:50

SITE: SP-12

Laboratory: CTE 59-27702 Period:OPER

Sample Date: 06/27/2005 Time: 12:32 Reported: 08/16/2005 Received: 07/01/2005

SITE: SP-13

NO ACCESS Date: 06/27/2005 Time: 10:10

SITE: SP-14

Laboratory: CTE 59-27704 Period:OPER

Sample Date: 06/27/2005 Time: 13:50 Reported: 08/16/2005 Received: 07/01/2005

SITE: SP-2

Laboratory: CTE 59-27703 Period:OPER

Sample Date: 06/27/2005 Time: 13:08 Reported: 08/16/2005 Received: 07/01/2005

SITE: SP-4

Laboratory: CTE Period:OPER

Sample Date: 06/27/2005 Time: 13:50 Reported: 07/01/2005 Received: 07/01/2005

SITE: SP-5

NO ACCESS Date: 06/27/2005 Time: 00:00

SITE TYPE: Stream

SITE: ST-1

Laboratory: FLD 20050428-2 Period:OPER

Sample Date: 04/28/2005 Time: 01:35 Reported: Received:

Laboratory: CTE 59-27408 Period:OPER

Sample Date: 04/28/2005 Time: 13:35 Reported: 05/06/2005 Received: 04/28/2005

Laboratory: FLD 20050531-C Period:OPER

Sample Date: 05/31/2005 Time: 15:51 Reported: Received:

Laboratory: FLD 20050629-6 Period:OPER

Sample Date: 06/29/2005 Time: 11:52 Reported: Received:

SITE: ST-2

Laboratory: CTE 59-27406 Period:OPER

Sample Date: 04/28/2005 Time: 12:51 Reported: 05/06/2005 Received: 04/28/2005

Laboratory: FLD 20050531-D Period:OPER

Sample Date: 05/31/2005 Time: 15:20 Reported: Received:

Laboratory: FLD 20050628-G Period:OPER

Sample Date: 06/28/2005 Time: 15:07 Reported: Received:

SITE: ST-2B

Laboratory: CTE 59-27407 Period:OPER

Sample Date: 04/28/2005 Time: 13:40 Reported: 05/06/2005 Received: 04/28/2005

Laboratory: FLD 20050531-E Period:OPER

Sample Date: 05/31/2005 Time: 15:51 Reported: Received:

Laboratory: FLD 20050628-H Period:OPER

Sample Date: 06/28/2005 Time: 11:38 Reported: Received:

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SITE: ST-3
 Laboratory: CTE 59-27410 Period:OPER
 Sample Date: 04/28/2005 Time: 14:00 Reported: 05/06/2005 Received: 04/28/2005

Laboratory: FLD 20050531-5 Period:OPER
 Sample Date: 05/31/2005 Time: Reported: Received:

Laboratory: FLD 20050628-B Period:OPER
 Sample Date: 06/28/2005 Time: 15:48 Reported: Received:

SITE: ST-3A
 NO FLOW Date: 04/28/2005 Time:

Laboratory: FLD 20050531-6 Period:OPER
 Sample Date: 05/31/2005 Time: 16:00 Reported: Received:

NO FLOW Date: 06/28/2005 Time: 14:00

SITE: ST-3B
 NO FLOW Date: 04/28/2005 Time: 13:00

Laboratory: FLD 20050531-7 Period:OPER
 Sample Date: 05/31/2005 Time: 16:00 Reported: Received:

NO FLOW Date: 06/28/2005 Time:

SITE: ST-4
 NO FLOW Date: 04/28/2005 Time:

Laboratory: FLD 20050531-8 Period:OPER
 Sample Date: 05/31/2005 Time: 21:00 Reported: Received:

Laboratory: FLD 20050628-C Period:OPER
 Sample Date: 06/28/2005 Time: 15:38 Reported: Received:

SITE: ST-4A
 NO FLOW Date: 04/28/2005 Time:

Laboratory: FLD 20050531-9 Period:OPER
 Sample Date: 05/31/2005 Time: 20:20 Reported: Received:

Laboratory: FLD 20050628-D Period:OPER
 Sample Date: 06/28/2005 Time: Reported: Received:

SITE: ST-4B
 NO FLOW Date: 04/28/2005 Time:

Laboratory: FLD 20050531-A Period:OPER
 Sample Date: 05/31/2005 Time: 20:50 Reported: Received:

Laboratory: FLD 20050628-E Period:OPER
 Sample Date: 06/28/2005 Time: 16:15 Reported: Received:

SITE: ST-5
 Laboratory: FLD 20050428-1 Period:OPER
 Sample Date: 04/28/2005 Time: Reported: Received:

Laboratory: CTE 59-27409 Period:OPER
 Sample Date: 04/28/2005 Time: 15:28 Reported: 05/06/2005 Received: 04/28/2005

Laboratory: FLD 20050531-B Period:OPER
 Sample Date: 05/31/2005 Time: 18:00 Reported: Received:

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Laboratory: FLD 20050628-F Period:OPER
 Sample Date: 06/28/2005 Time: 18:00 Reported: Received:

SITE TYPE: UPDES Permit discharge point

SITE: UT0023094-001

Laboratory: FLD 20050428-3 Period:UPDS
 Sample Date: 04/28/2005 Time: 15:40 Reported: Received:

Laboratory: CTE 59-27511 Period:UPDS
 Sample Date: 05/31/2005 Time: 15:00 Reported: 06/14/2005 Received: 06/01/2005

Laboratory: FLD 20050627-O Period:OPER
 Sample Date: 06/27/2005 Time: 12:00 Reported: Received:

SITE: UT0023094-002

Laboratory: FLD 20050428-4 Period:UPDS
 Sample Date: 04/28/2005 Time: 15:08 Reported: Received:

Laboratory: CTE 59-27510 Period:UPDS
 Sample Date: 05/31/2005 Time: 15:53 Reported: 06/14/2005 Received: 06/01/2005

Laboratory: FLD 20050627-P Period:OPER
 Sample Date: 06/27/2005 Time: 12:50 Reported: Received:

SITE: UT0023094-003

NO FLOW Date: 02/18/2005 Time: 11:35

NO FLOW Date: 03/19/2005 Time: 12:05

NO FLOW Date: 04/16/2005 Time: 12:00

NO FLOW Date: 05/11/2005 Time: 12:50

NO FLOW Date: 06/21/2005 Time: 11:50

SITE: UT0023094-004

NO FLOW Date: 01/18/2005 Time: 12:08

NO FLOW Date: 02/18/2005 Time: 11:38

NO FLOW Date: 03/19/2005 Time: 12:11

NO FLOW Date: 04/16/2005 Time: 12:21

NO FLOW Date: 05/11/2005 Time: 12:59

NO FLOW Date: 06/21/2005 Time: 11:59

SITE: UT0023094-005

NO FLOW Date: 01/18/2005 Time: 12:14

NO FLOW Date: 02/18/2005 Time: 11:45

NO FLOW Date: 03/19/2005 Time: 12:14

NO FLOW Date: 04/16/2005 Time: 12:48

NO FLOW Date: 05/11/2005 Time: 12:59

NO FLOW Date: 06/21/2005 Time: 11:59

SITE: UT0023094-006

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

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NO FLOW Date: 02/18/2005 Time: 11:49
NO FLOW Date: 03/19/2005 Time: 12:20
NO FLOW Date: 04/16/2005 Time: 12:59
NO FLOW Date: 05/11/2005 Time: 13:11
NO FLOW Date: 06/21/2005 Time: 12:15

SITE: UT0023094-007

NO FLOW Date: 01/18/2005 Time: 12:23
NO FLOW Date: 02/18/2005 Time: 11:54
NO FLOW Date: 03/19/2005 Time: 12:24
NO FLOW Date: 04/16/2005 Time: 13:08
NO FLOW Date: 05/11/2005 Time: 13:38
NO FLOW Date: 06/21/2005 Time: 12:28

SITE: UT0023094-008

NO FLOW Date: 01/18/2005 Time: 12:26
NO FLOW Date: 02/18/2005 Time: 11:58
NO FLOW Date: 03/19/2005 Time: 12:29
NO FLOW Date: 04/16/2005 Time: 13:25
NO FLOW Date: 05/11/2005 Time: 13:59
NO FLOW Date: 06/21/2005 Time: 12:49

SITE: UT0023094-009

NO FLOW Date: 01/18/2005 Time: 12:30
NO FLOW Date: 02/18/2005 Time: 12:00
NO FLOW Date: 03/19/2005 Time: 12:32
NO FLOW Date: 04/16/2005 Time: 13:50
NO FLOW Date: 05/11/2005 Time: 13:59
NO FLOW Date: 06/21/2005 Time: 12:59

SITE: UT0023094-011

NO FLOW Date: 01/18/2005 Time: 12:32
NO FLOW Date: 02/18/2005 Time: 12:08
NO FLOW Date: 03/19/2005 Time: 12:37
NO FLOW Date: 04/16/2005 Time: 14:00
NO FLOW Date: 05/11/2005 Time: 14:12
NO FLOW Date: 06/21/2005 Time: 12:59