

0064

Outgoing 00070005

From: Dana Dean
To: Gregg Galecki
Date: 12/12/2006 4:51:31 PM
Subject: Re: 3rd Qtr Water Monitoring Data

Gregg,

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

As a reminder, according to parameters set by the assigned hydrologist, you are still missing samples for the following sites, in addition to the tritium data you are waiting on from the lab:

CS-8
CS-10
JC-1 (monthly flows)
MD-1 (monthly flows)
JC-3 (July, Aug flows)

Please direct further questions/uploads to Steve Fluke who is now assigned as the Hydrologist for Skyline Mine.

Thank you,

Dana Dean, P.E.
Senior Reclamation Hydrologist
Utah Division of Oil, Gas, and Mining
(801) 538-5320
danadean@utah.gov

>>> "Galecki, Gregg" <GGalecki@archcoal.com> 11/28/2006 9:26 AM >>>
Pam / Dana,

The 3rd Quarter Water Monitoring data for the Skyline Mines is in the Pipeline and ready for uploading into the Database.

The following six (6) samples have errors that Dana needs to correct:
UPDES 001 on 7/13/06, 7/25/06, 8/10/06, and 9/27/06 ask for Total Iron where it is not required; WQ4-12 won't accept 00:33 (12:33 am) as an analyzed time; and 2-413 is asking for parameters that are not required.

Age-dating analysis for the 3rd Quarter has not been received.

Call or email if you have any questions,

Gregg

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CC: Karl Houskeeper; Steve Fluke

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OFFICIAL UPLOAD REPORT

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OWNER: CANYON FUEL CO., LLC
MINE: SKYLINE

SITE TYPE: Other: in mine, roof drippers

SITE: CS-12

Laboratory: CTE 59-29124 Period:OPER
Sample Date: 08/23/2006 Time: 16:05 Reported: 09/05/2006 Received: 08/24/2006

SITE: CS-13

Laboratory: CTE 59-29306 Period:OPER
Sample Date: 09/27/2006 Time: 10:30 Reported: 10/06/2006 Received: 09/28/2006

SITE: CS-14

Laboratory: CTE 59-29316 Period:OPER
Sample Date: 09/27/2006 Time: 15:30 Reported: 10/06/2006 Received: 09/28/2006

SITE: ELD-1

Laboratory: FLD 20060715-1 Period:OPER
Sample Date: 07/15/2006 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20060815-1 Period:OPER
Sample Date: 08/15/2006 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20060915-1 Period:OPER
Sample Date: 09/15/2006 Time: 12:00 Reported: Received:

SITE: MD-1

Laboratory: CTE 59-29315 Period:OPER
Sample Date: 09/27/2006 Time: 15:35 Reported: 10/06/2006 Received: 09/27/2006

SITE: SRD-1

Laboratory: FLD 20060715-2 Period:OPER
Sample Date: 07/15/2006 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20060815-2 Period:OPER
Sample Date: 08/15/2006 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20060915-2 Period:OPER
Sample Date: 09/15/2006 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

SITE TYPE: Spring

SITE: 2-413

Laboratory: FLD 20060925-2 Period:OPER
Sample Date: 09/25/2006 Time: 18:00 Reported: Received:

SITE: 3-290

NO FLOW Date: 08/18/2006 Time: 16:30

SITE: S10-1

Laboratory: CTE 59-29279 Period:OPER
Sample Date: 09/26/2006 Time: 18:40 Reported: 10/04/2006 Received: 09/27/2006

SITE: S12-1

NO FLOW Date: 09/26/2006 Time: 19:00

SITE: S13-2

Laboratory: FLD 20060927-3 Period:OPER
Sample Date: 09/27/2006 Time: 16:30 Reported: Received:
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= SITE: S13-7
Laboratory: CTE 59-29280 Period:OPER
Sample Date: 09/26/2006 Time: 19:30 Reported: 10/04/2006 Received: 09/27/2006

SITE: S14-4
Laboratory: FLD 20060927-4 Period:OPER
Sample Date: 09/27/2006 Time: 15:30 Reported: Received:

SITE: S15-3
Laboratory: FLD 20060920-1 Period:OPER
Sample Date: 09/20/2006 Time: 15:05 Reported: Received:

SITE: S17-2
Laboratory: CTE 59-29309 Period:OPER
Sample Date: 09/27/2006 Time: 11:45 Reported: 10/06/2006 Received: 09/28/2006

SITE: S22-11
Laboratory: FLD 20060920-3 Period:OPER
Sample Date: 09/20/2006 Time: 13:00 Reported: Received:

SITE: S22-5
Laboratory: FLD 20060920-2 Period:OPER
Sample Date: 09/20/2006 Time: 13:40 Reported: Received:

SITE: S23-4
Laboratory: FLD 20060920-4 Period:OPER
Sample Date: 09/20/2006 Time: 15:45 Reported: Received:

SITE: S24-1
Laboratory: FLD 20060922-5 Period:OPER
Sample Date: 09/22/2006 Time: 18:15 Reported: Received:

SITE: S24-12
Laboratory: FLD 20060927-5 Period:OPER
Sample Date: 09/27/2006 Time: 12:30 Reported: Received:

SITE: S26-13
Laboratory: FLD 20060922-1 Period:OPER
Sample Date: 09/22/2006 Time: 09:30 Reported: Received:

SITE: S34-12
NO FLOW Date: 09/20/2006 Time: 12:00

SITE: S35-8
Laboratory: FLD 20060908-1 Period:OPER
Sample Date: 09/08/2006 Time: 12:40 Reported: Received:

SITE: S36-12
Laboratory: FLD 20060925-1 Period:OPER
Sample Date: 09/25/2006 Time: 20:00 Reported: Received:

SITE: WQ1-39
Laboratory: CTE 59-29275 Period:OPER
Sample Date: 09/26/2006 Time: 13:30 Reported: 10/04/2006 Received: 09/27/2006

SITE: WQ3-26
Laboratory: CTE 59-29257 Period:OPER
Sample Date: 09/25/2006 Time: 11:05 Reported: 10/03/2006 Received: 09/26/2006

SITE: WQ3-41

Laboratory: CTE 59-29277 Period:OPER
Sample Date: 09/26/2006 Time: 14:35 Reported: 10/04/2006 Received: 09/27/2006

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= SITE: WQ3-43

Laboratory: CTE 59-29276 Period:OPER
Sample Date: 09/26/2006 Time: 14:10 Reported: 10/04/2006 Received: 09/27/2006

SITE: WQ3-6

Laboratory: CTE 59-29259 Period:OPER
Sample Date: 09/25/2006 Time: 12:15 Reported: 10/03/2006 Received: 09/26/2006

SITE: WQ4-12

Laboratory: CTE 59-29258 Period:OPER
Sample Date: 09/25/2006 Time: 11:40 Reported: 10/03/2006 Received: 09/26/2006

SITE TYPE: Stream

SITE: CS-11

Laboratory: CTE 59-29312 Period:OPER
Sample Date: 09/27/2006 Time: 17:00 Reported: 10/06/2006 Received: 09/28/2006

SITE: CS-16

Laboratory: FLD 20060823-1 Period:OPER
Sample Date: 08/23/2006 Time: 17:15 Reported: Received:

SITE: CS-17

Laboratory: FLD 20060823-2 Period:OPER
Sample Date: 08/23/2006 Time: 17:00 Reported: Received:

SITE: CS-18

Laboratory: FLD 20060823-3 Period:OPER
Sample Date: 08/23/2006 Time: 16:15 Reported: Received:

SITE: CS-19

Laboratory: CTE 59-29260 Period:OPER
Sample Date: 09/25/2006 Time: 12:15 Reported: 10/03/2006 Received: 09/26/2006

SITE: CS-20

Laboratory: CTE 59-29261 Period:OPER
Sample Date: 09/25/2006 Time: 12:55 Reported: 10/03/2006 Received: 09/26/2006

SITE: CS-21

Laboratory: CTE 59-29278 Period:OPER
Sample Date: 09/26/2006 Time: 15:00 Reported: 10/04/2006 Received: 09/27/2006

SITE: CS-22

Laboratory: FLD 20060922-6 Period:OPER
Sample Date: 09/22/2006 Time: 19:30 Reported: Received:

SITE: CS-23

Laboratory: FLD 20060922-7 Period:OPER
Sample Date: 09/22/2006 Time: 18:45 Reported: Received:

SITE: CS-3

Laboratory: CTE 59-29313 Period:OPER
Sample Date: 09/27/2006 Time: 18:00 Reported: 10/06/2006 Received: 09/28/2006

SITE: CS-4

Laboratory: CTE 59-29311 Period:OPER
Sample Date: 09/27/2006 Time: 16:30 Reported: 10/06/2006 Received: 09/28/2006

SITE: CS-6

Laboratory: CTE 59-29308 Period:OPER

Sample Date: 09/27/2006 Time: 10:45 Reported: 10/06/2006 Received: 09/28/2006

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= SITE: CS-7

Laboratory: FLD 20060809-1 Period:OPER
 Sample Date: 08/09/2006 Time: 12:58 Reported: Received:

SITE: CS-9

Laboratory: CTE 59-29314 Period:OPER
 Sample Date: 09/27/2006 Time: 16:15 Reported: 10/06/2006 Received: 09/28/2006

SITE: EL-1

Laboratory: FLD 20060823-6 Period:OPER
 Sample Date: 08/23/2006 Time: 16:40 Reported: Received:

SITE: EL-2

Laboratory: FLD 20060922-8 Period:OPER
 Sample Date: 09/22/2006 Time: 19:15 Reported: Received:

SITE: F-10

Laboratory: FLD 20060717-2 Period:OPER
 Sample Date: 07/17/2006 Time: 14:13 Reported: Received:

Laboratory: FLD 20060829-2 Period:OPER
 Sample Date: 08/29/2006 Time: 13:30 Reported: Received:

Laboratory: CTE 59-29223 Period:OPER
 Sample Date: 09/21/2006 Time: 15:25 Reported: 10/03/2006 Received: 09/22/2006

SITE: F-9

Laboratory: FLD 20060717-1 Period:OPER
 Sample Date: 07/17/2006 Time: 14:03 Reported: Received:

Laboratory: FLD 20060829-1 Period:OPER
 Sample Date: 08/29/2006 Time: 13:20 Reported: Received:

Laboratory: FLD 20060921-1 Period:OPER
 Sample Date: 09/21/2006 Time: 15:15 Reported: Received:

SITE: NL-12

Laboratory: FLD 20060727-1 Period:OPER
 Sample Date: 07/27/2006 Time: 10:00 Reported: Received:

Laboratory: FLD 20060831-1 Period:OPER
 Sample Date: 08/31/2006 Time: 11:05 Reported: Received:

Laboratory: FLD 20060926-4 Period:OPER
 Sample Date: 09/26/2006 Time: 14:10 Reported: Received:

SITE: NL-13

Laboratory: FLD 20060727-2 Period:OPER
 Sample Date: 07/27/2006 Time: 09:30 Reported: Received:

Laboratory: FLD 20060831-2 Period:OPER
 Sample Date: 08/31/2006 Time: 10:50 Reported: Received:

Laboratory: FLD 20060926-5 Period:OPER
 Sample Date: 09/26/2006 Time: 14:25 Reported: Received:

SITE: NL-14

Laboratory: FLD 20060727-3 Period:OPER

Sample Date: 07/27/2006 Time: 09:00 Reported: Received:

Laboratory: FLD 20060831-3 Period:OPER
Sample Date: 08/31/2006 Time: 10:40 Reported: Received:

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= Laboratory: FLD 20060926-6 Period:OPER
Sample Date: 09/26/2006 Time: 14:40 Reported: Received:

SITE: UPL-10
Laboratory: CTE 59-29224 Period:OPER
Sample Date: 09/20/2006 Time: 12:15 Reported: 10/03/2006 Received: 09/22/2006

SITE: VC-10
Laboratory: FLD 20060927-6 Period:OPER
Sample Date: 09/27/2006 Time: 13:00 Reported: Received:

SITE: VC-11
Laboratory: FLD 20060925-4 Period:OPER
Sample Date: 09/25/2006 Time: 15:00 Reported: Received:

SITE: VC-12
Laboratory: FLD 20060925-5 Period:OPER
Sample Date: 09/25/2006 Time: 14:20 Reported: Received:

SITE: VC-6
Laboratory: CTE 59-29310 Period:OPER
Sample Date: 09/27/2006 Time: 13:30 Reported: 10/06/2006 Received: 09/28/2006

SITE: VC-9
Laboratory: CTE 59-29307 Period:OPER
Sample Date: 09/27/2006 Time: 10:45 Reported: 10/06/2006 Received: 09/28/2006

SITE: WRDS #1
NO FLOW Date: 09/25/2006 Time: 12:00

SITE: WRDS #2
NO FLOW Date: 09/25/2006 Time: 12:00

SITE: WRDS #3
NO FLOW Date: 09/25/2006 Time: 12:00

SITE: WRDS #4
NO FLOW Date: 09/25/2006 Time: 12:00

SITE TYPE: UPDES Permit discharge point

SITE: JC-3
NO FLOW Date: 09/25/2006 Time: 19:30

SITE: UT0023540-001
Laboratory: CTE 59-28962 Period:UPDS
Sample Date: 07/05/2006 Time: Reported: 07/17/2006 Received: 07/05/2006

Laboratory: CTE 59-29057 Period:UPDS
Sample Date: 07/13/2006 Time: 13:30 Reported: 07/21/2006 Received: 07/14/2006

Laboratory: CTE 59-29066 Period:UPDS
Sample Date: 07/19/2006 Time: 15:30 Reported: 08/14/2006 Received: 07/20/2006

Laboratory: CTE 59-29085 Period:UPDS
Sample Date: 07/25/2006 Time: 13:55 Reported: 08/02/2006 Received: 07/26/2006

Laboratory: CTE 59-29100 Period:UPDS
Sample Date: 08/01/2006 Time: 11:50 Reported: 08/14/2006 Received: 08/02/2006

Laboratory: CTE 59-29108 Period:UPDS
Sample Date: 08/10/2006 Time: 13:00 Reported: 08/22/2006 Received: 08/14/2006

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= Laboratory: CTE 59-29111 Period:UPDS
Sample Date: 08/15/2006 Time: 16:10 Reported: 08/23/2006 Received: 08/16/2006

Laboratory: CTE 59-29125 Period:UPDS
Sample Date: 08/23/2006 Time: 16:15 Reported: 09/07/2006 Received: 08/24/2006

Laboratory: CTE 59-29141 Period:UPDS
Sample Date: 08/28/2006 Time: 11:18 Reported: 09/06/2006 Received: 08/28/2006

Laboratory: CTE 59-29167 Period:UPDS
Sample Date: 09/06/2006 Time: 13:20 Reported: 09/15/2006 Received: 09/07/2006

Laboratory: CTE 59-29193 Period:UPDS
Sample Date: 09/13/2006 Time: 10:30 Reported: 09/21/2006 Received: 09/13/2006

Laboratory: CTE 59-29222 Period:UPDS
Sample Date: 09/21/2006 Time: 14:15 Reported: 10/02/2006 Received: 09/22/2006

Laboratory: CTE 59-29317 Period:UPDS
Sample Date: 09/27/2006 Time: 15:35 Reported: 10/06/2006 Received: 09/28/2006

SITE: UT0023540-002

NO FLOW Date: 07/05/2006 Time: 06:45
NO FLOW Date: 07/13/2006 Time: 13:00
NO FLOW Date: 07/19/2006 Time: 15:00
NO FLOW Date: 07/25/2006 Time: 13:00
NO FLOW Date: 08/01/2006 Time: 11:30
NO FLOW Date: 08/10/2006 Time: 12:30
NO FLOW Date: 08/15/2006 Time: 15:40
NO FLOW Date: 08/23/2006 Time: 15:45
NO ACCESS Date: 08/28/2006 Time: 11:00
NO FLOW Date: 09/06/2006 Time: 13:00
NO FLOW Date: 09/13/2006 Time: 10:00
NO FLOW Date: 09/21/2006 Time: 13:55
NO FLOW Date: 09/27/2006 Time: 15:20

SITE: UT0023540-003

NO FLOW Date: 07/05/2006 Time: 09:45
NO FLOW Date: 07/13/2006 Time: 12:00
NO FLOW Date: 07/19/2006 Time: 14:00
NO FLOW Date: 07/25/2006 Time: 12:00

NO FLOW Date: 08/01/2006 Time: 10:30

NO FLOW Date: 08/10/2006 Time: 11:30

NO FLOW Date: 08/15/2006 Time: 14:40

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= NO FLOW Date: 08/23/2006 Time: 14:45

NO ACCESS Date: 08/28/2006 Time: 10:00

NO FLOW Date: 09/06/2006 Time: 12:00

NO FLOW Date: 09/13/2006 Time: 11:00

NO FLOW Date: 09/21/2006 Time: 12:55

NO FLOW Date: 09/27/2006 Time: 14:20

SITE TYPE: Well

SITE: 92-91-03

Laboratory: CTE 59-29305 Period:OPER

Sample Date: 09/27/2006 Time: 09:30 Reported: 10/09/2006 Received: 09/29/2006

SITE: JC-1 AGE DATING

Laboratory: OTH GX-32677 Period:OPER

Sample Date: 06/01/2006 Time: 12:00 Reported: 10/03/2006 Received: 09/18/2006

Laboratory: CTE 59-29262 Period:OPER

Sample Date: 09/25/2006 Time: 18:45 Reported: 10/03/2006 Received: 09/26/2006

SITE: W2-1

Laboratory: FLD 20060925-3 Period:OPER

Sample Date: 09/25/2006 Time: 17:30 Reported: Received:

SITE: W20-28-1

Laboratory: FLD 20060822-2 Period:OPER

Sample Date: 08/22/2006 Time: 19:30 Reported: Received:

SITE: W20-4-1

Laboratory: FLD 20060823-4 Period:OPER

Sample Date: 08/23/2006 Time: 14:00 Reported: Received:

SITE: W20-4-2

Laboratory: FLD 20060720-1 Period:OPER

Sample Date: 07/20/2006 Time: 12:00 Reported: Received:

SITE: W79-10-1b

Laboratory: FLD 20060926-1 Period:OPER

Sample Date: 09/26/2006 Time: 18:50 Reported: Received:

SITE: W79-14-2a

Laboratory: FLD 20060927-7 Period:OPER

Sample Date: 09/27/2006 Time: 16:00 Reported: Received:

SITE: W79-26-1

Laboratory: FLD 20060922-3 Period:OPER

Sample Date: 09/22/2006 Time: 10:20 Reported: Received:

SITE: W79-35-1A

Laboratory: FLD 20060922-2 Period:OPER

Sample Date: 09/22/2006 Time: 11:15 Reported: Received:

SITE: W79-35-1B
Laboratory: FLD 20060922-4 Period:OPER
Sample Date: 09/22/2006 Time: 11:08 Reported: Received:

SITE: W91-26-1
Laboratory: FLD 20060926-2 Period:OPER
Sample Date: 09/26/2006 Time: 17:45 Reported: Received:
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SITE: W91-35-1
Laboratory: FLD 20060926-3 Period:OPER
Sample Date: 09/26/2006 Time: 16:10 Reported: Received:

SITE: W99-21-1
Laboratory: FLD 20060821-1 Period:OPER
Sample Date: 08/21/2006 Time: 17:00 Reported: Received:

SITE: W99-28-1
Laboratory: FLD 20060822-1 Period:OPER
Sample Date: 08/22/2006 Time: 18:00 Reported: Received:

SITE: W99-4-1
Laboratory: FLD 20060823-5 Period:OPER
Sample Date: 08/23/2006 Time: 14:30 Reported: Received: