

0008

*\* Outgoing  
c/007/0005*

**From:** Dana Dean  
**To:** Gregg Galecki  
**CC:** Karl Houskeeper  
**Date:** 3/6/2008 3:27 PM  
**Subject:** Re: 4th Qtr 2007 Water Monitoring - Database  
**Attachments:** sky-03-08.doc

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 your MRP, you are still missing samples for the following sites:

- CS-7
- CS-8
- CS-10
- CS-16
- CS-17
- CS-18
- CS-22
- CS-23
- F-9 (two flow only, 1 with field parameters or indicate if inaccessible)
- F-10 (flow only for Oct., December, or indicate if inaccessible)
- VC-10
- VC-11
- VC-12
- WRDS1
- WRDS2
- WRDS3
- WRDS4
- S10-1
- S12-1
- S13-2
- S14-4
- S15-3
- S22-5
- S22-11
- S23-4
- S24-1
- S24-12
- S26-13
- S34-12
- S35-8
- S36-12
- 2-413
- 3-290

You are also missing the required laboratory parameters for JC-3. Once per quarter it should be sampled for water temperature, pH, specific conductivity, TSS, TDS, and total phosphorous.

I understand that the lab is delaying the lab parameters, but for bookkeeping will mention that in addition to entire samples missing above, tritium is missing at EL-1, and EL-2, 8-253, and JC-1. At JC-1 deuterium, carbon 14 and oxygen 18 are also missing.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.  
Senior Reclamation Hydrologist/Engineer  
Utah Division of Oil, Gas, and Mining

(801) 538-5320  
danadean@utah.gov

>>> "Galecki, Gregg" <GGalecki@archcoal.com> 3/3/2008 2:33 PM >>>  
All:

I have uploaded the Skyline Mine 4th Qtr 2007 Water Monitoring data into the pipeline. It is ready to be uploaded into the Database.

Dana, I checked today on the age-dating analysis and Erik is still waiting on it.

Call or email if you have any questions,

Gregg A. Galecki  
Environmental Engineer  
Skyline Mines,  
Canyon Fuel Company, LLC  
(435)448-2636

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OFFICIAL UPLOAD REPORT

=====
OWNER: CANYON FUEL CO., LLC
MINE: SKYLINE

SITE TYPE: Other: in mine, roof drippers

SITE: CS-12

Laboratory: CTE 59-30754 Period:OPER
Sample Date: 11/16/2007 Time: 11:00 Reported: 12/05/2007 Received: 11/19/2007

Laboratory: CTE 59-30831 Period:OPER
Sample Date: 12/22/2007 Time: 17:45 Reported: 01/10/2008 Received: 12/26/2007

SITE: CS-13

Laboratory: CTE 59-30834 Period:OPER
Sample Date: 12/23/2007 Time: 12:40 Reported: 01/10/2008 Received: 12/26/2007

SITE: CS-14

Laboratory: CTE 59-30755 Period:OPER
Sample Date: 11/16/2007 Time: 11:15 Reported: 12/05/2007 Received: 11/19/2007

Laboratory: CTE 59-30832 Period:OPER
Sample Date: 12/22/2007 Time: 18:00 Reported: 01/10/2008 Received: 12/26/2007

SITE: ELD-1

Laboratory: FLD 20071015-C Period:OPER
Sample Date: 10/15/2007 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20071115-5 Period:OPER
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

Laboratory: FLD 20071215-4 Period:OPER
Sample Date: 12/15/2007 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

SITE: MD-1

Laboratory: CTE 59-30592a Period:OPER
Sample Date: 10/10/2007 Time: 11:30 Reported: 10/29/2007 Received: 10/10/2007

Laboratory: FLD 20071015-B Period:OPER
Sample Date: 10/15/2007 Time: 12:01 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20071115-4 Period:OPER
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

Laboratory: FLD 20071215-3 Period:OPER
Sample Date: 12/15/2007 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

SITE: SRD-1

Laboratory: FLD 20071015-D Period:OPER
Sample Date: 10/15/2007 Time: 12:01 Reported: Received:
Comments: Monthly Average Flow

Laboratory: FLD 20071115-6 Period:OPER
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

Laboratory: FLD 20071215-5 Period:OPER
Sample Date: 12/15/2007 Time: 12:00 Reported: Received:
Comments: Monthly Average Flow

OFFICIAL UPLOAD REPORT

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**SITE TYPE: Spring**

SITE: S13-7

Laboratory: CTE 59-30749    Period:OPER  
Sample Date: 11/13/2007    Time: 14:00    Reported: 12/03/2007    Received: 11/16/2007

SITE: S17-2

Laboratory: CTE 59-30836    Period:OPER  
Sample Date: 12/23/2007    Time: 13:45    Reported: 01/10/2008    Received: 12/26/2007

SITE: WQ1-39

Laboratory: CTE 59-30747    Period:OPER  
Sample Date: 11/13/2007    Time: 14:00    Reported: 11/28/2007    Received: 11/13/2007

SITE: WQ3-26

Laboratory: CTE 59-30697    Period:OPER  
Sample Date: 10/25/2007    Time: 12:45    Reported: 11/15/2007    Received: 10/26/2007

SITE: WQ3-41

Laboratory: CTE 59-30745    Period:OPER  
Sample Date: 11/13/2007    Time: 12:50    Reported: 11/28/2007    Received: 11/13/2007

SITE: WQ3-43

Laboratory: CTE 59-30746    Period:OPER  
Sample Date: 11/13/2007    Time: 13:20    Reported: 11/28/2007    Received: 11/13/2007

SITE: WQ3-6

Laboratory: CTE 59-30699    Period:OPER  
Sample Date: 10/25/2007    Time: 13:50    Reported: 11/12/2007    Received: 10/26/2007

SITE: WQ4-12

Laboratory: CTE 59-30698    Period:OPER  
Sample Date: 10/25/2007    Time: 13:15    Reported: 11/12/2007    Received: 10/26/2007

**SITE TYPE: Stream**

SITE: CS-11

Laboratory: CTE 59-30829    Period:OPER  
Sample Date: 12/22/2007    Time: 16:30    Reported: 01/10/2008    Received: 12/26/2007

SITE: CS-19

Laboratory: CTE 59-30762    Period:OPER  
Sample Date: 11/19/2007    Time: 16:00    Reported: 12/05/2007    Received: 11/20/2007

SITE: CS-20

Laboratory: CTE 59-30760    Period:OPER  
Sample Date: 11/19/2007    Time: 14:45    Reported: 12/05/2007    Received: 11/20/2007

SITE: CS-21

Laboratory: CTE 59-30759    Period:OPER  
Sample Date: 11/19/2007    Time: 13:55    Reported: 12/05/2007    Received: 11/20/2007

SITE: CS-3

Laboratory: CTE 59-30756    Period:OPER  
Sample Date: 11/16/2007    Time: 13:00    Reported: 12/05/2007    Received: 11/19/2007

SITE: CS-4

Laboratory: CTE 59-30828    Period:OPER  
Sample Date: 12/22/2007    Time: 16:00    Reported: 01/11/2008    Received: 12/26/2007

SITE: CS-6

Laboratory: CTE 59-30837    Period:OPER  
Sample Date: 12/23/2007    Time: 12:40    Reported: 01/10/2008    Received: 12/26/2007

OFFICIAL UPLOAD REPORT

SITE: CS-9

Laboratory: CTE 59-30757 Period:OPER  
Sample Date: 11/16/2007 Time: 13:15 Reported: 12/05/2007 Received: 11/19/2007

SITE: F-10

Laboratory: CTE 59-30721 Period:OPER  
Sample Date: 11/01/2007 Time: 09:45 Reported: 11/15/2007 Received: 11/02/2007

SITE: UPL-10

Laboratory: CTE 59-30827 Period:OPER  
Sample Date: 12/20/2007 Time: 15:15 Reported: 01/10/2008 Received: 12/26/2007

SITE: VC-6

Laboratory: CTE 59-30830 Period:OPER  
Sample Date: 12/22/2007 Time: 17:00 Reported: 01/11/2008 Received: 12/26/2007

SITE: VC-9

Laboratory: CTE 59-30835 Period:OPER  
Sample Date: 12/23/2007 Time: 13:15 Reported: 01/11/2008 Received: 12/26/2007

**SITE TYPE: UPDES Permit discharge point**

SITE: JC-3

Laboratory: FLD 20071015-E Period:OPER  
Sample Date: 10/15/2007 Time: 12:00 Reported: Received:  
Comments: monthly average

Laboratory: FLD 20071115-7 Period:OPER  
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

Laboratory: FLD 20071215-6 Period:OPER  
Sample Date: 12/15/2007 Time: 12:00 Reported: Received:  
Comments: Monthly Average Flow

SITE: UT0023540-001

Laboratory: CTE 59-30567 Period:UPDS  
Sample Date: 10/03/2007 Time: 10:45 Reported: 10/22/2007 Received: 10/03/2007

Laboratory: CTE 59-30592 Period:UPDS  
Sample Date: 10/10/2007 Time: 11:30 Reported: 10/29/2007 Received: 10/10/2007

Laboratory: CTE 59-30666 Period:UPDS  
Sample Date: 10/18/2007 Time: 10:10 Reported: 11/02/2007 Received: 10/18/2007

Laboratory: CTE 59-30696 Period:UPDS  
Sample Date: 10/26/2007 Time: 11:00 Reported: 11/02/2007 Received: 10/26/2007

Laboratory: CTE 59-30722 Period:UPDS  
Sample Date: 11/01/2007 Time: 15:00 Reported: 11/15/2007 Received: 11/02/2007

Laboratory: CTE 59-30740 Period:UPDS  
Sample Date: 11/08/2007 Time: 15:30 Reported: 11/19/2007 Received: 11/09/2007

Laboratory: CTE 59-30751 Period:UPDS  
Sample Date: 11/16/2007 Time: 11:15 Reported: 11/30/2007 Received: 11/16/2007

Laboratory: CTE 59-30767 Period:UPDS  
Sample Date: 11/21/2007 Time: 11:15 Reported: 12/11/2007 Received: 11/27/2007

Laboratory: CTE 59-30768 Period:UPDS  
Sample Date: 11/28/2007 Time: 13:00 Reported: 12/06/2007 Received: 11/28/2007

Laboratory: CTE 59-30801 Period:UPDS  
Sample Date: 12/05/2007 Time: 13:45 Reported: 12/20/2007 Received: 12/06/2007

OFFICIAL UPLOAD REPORT

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Laboratory: CTE 59-30809    Period:UPDS  
Sample Date: 12/12/2007    Time: 10:45    Reported: 12/20/2007    Received: 12/12/2007

Laboratory: CTE 59-30821    Period:UPDS  
Sample Date: 12/20/2007    Time: 10:00    Reported: 01/14/2008    Received: 12/21/2007

Laboratory: CTE 59-30838    Period:UPDS  
Sample Date: 12/24/2007    Time: 09:40    Reported: 01/11/2008    Received: 12/27/2007

SITE: UT0023540-002

- NO FLOW    Date: 10/03/2007    Time: 10:00
- NO FLOW    Date: 10/10/2007    Time: 11:00
- NO FLOW    Date: 10/18/2007    Time: 09:00
- NO FLOW    Date: 10/26/2007    Time: 10:30
- NO FLOW    Date: 11/01/2007    Time: 14:00
- NO FLOW    Date: 11/08/2007    Time: 14:30
- NO FLOW    Date: 11/16/2007    Time: 10:30
- NO FLOW    Date: 11/21/2007    Time: 10:30
- NO FLOW    Date: 11/28/2007    Time: 12:30
- NO FLOW    Date: 12/05/2007    Time: 13:00
- NO FLOW    Date: 12/12/2007    Time: 10:00
- NO FLOW    Date: 12/20/2007    Time: 09:30
- NO FLOW    Date: 12/24/2007    Time: 09:00

SITE: UT0023540-003

- NO FLOW    Date: 10/03/2007    Time: 09:30
- NO FLOW    Date: 10/10/2007    Time: 10:30
- NO FLOW    Date: 10/18/2007    Time: 08:30
- NO FLOW    Date: 10/26/2007    Time: 10:00
- NO FLOW    Date: 11/01/2007    Time: 13:00
- NO FLOW    Date: 11/08/2007    Time: 14:00
- NO FLOW    Date: 11/16/2007    Time: 10:00
- NO FLOW    Date: 11/21/2007    Time: 10:00
- NO FLOW    Date: 11/28/2007    Time: 12:00
- NO FLOW    Date: 12/05/2007    Time: 12:30
- NO FLOW    Date: 12/12/2007    Time: 09:30
- NO FLOW    Date: 12/20/2007    Time: 09:00
- NO FLOW    Date: 12/24/2007    Time: 08:30

OFFICIAL UPLOAD REPORT

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**SITE TYPE: Well**

SITE: 92-91-03

Laboratory: CTE 59-30833 Period:OPER  
Sample Date: 12/23/2007 Time: 11:00 Reported: 01/10/2008 Received: 12/26/2007

SITE: JC-1

Laboratory: FLD 20071015-F Period:OPER  
Sample Date: 10/15/2007 Time: 12:00 Reported: Received:  
Comments: Monthly Average Flow

Laboratory: FLD 20071115-8 Period:OPER  
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

Laboratory: CTE 59-30750 Period:OPER  
Sample Date: 11/15/2007 Time: 15:00 Reported: 12/03/2007 Received: 11/16/2007

Laboratory: FLD 20071215-2 Period:OPER  
Sample Date: 12/15/2007 Time: 12:00 Reported: Received:  
Comments: Monthly Average Flow

SITE: W2-1

Laboratory: FLD 20071115-3 Period:OPER  
Sample Date: 11/15/2007 Time: 12:00 Reported: Received:

SITE: W20-28-1

Laboratory: FLD 20071114-2 Period:OPER  
Sample Date: 11/14/2007 Time: 15:30 Reported: Received:

SITE: W20-4-1

Laboratory: FLD 20071109-1 Period:OPER  
Sample Date: 11/09/2007 Time: 10:50 Reported: Received:

SITE: W20-4-2

Laboratory: FLD 20071109-2 Period:OPER  
Sample Date: 11/09/2007 Time: 11:30 Reported: Received:

SITE: W79-10-1b

Laboratory: FLD 20071102-4 Period:OPER  
Sample Date: 11/02/2007 Time: 13:15 Reported: Received:

SITE: W79-14-2a

Laboratory: FLD 20071108-1 Period:OPER  
Sample Date: 11/08/2007 Time: 15:35 Reported: Received:

SITE: W79-26-1

Laboratory: FLD 20071119-1 Period:OPER  
Sample Date: 11/19/2007 Time: 13:50 Reported: Received:

SITE: W79-35-1A

Laboratory: FLD 20071115-1 Period:OPER  
Sample Date: 11/15/2007 Time: 14:15 Reported: Received:

SITE: W79-35-1B

Laboratory: FLD 20071115-2 Period:OPER  
Sample Date: 11/15/2007 Time: 14:30 Reported: Received:

SITE: W91-26-1

Laboratory: FLD 20071102-5 Period:OPER  
Sample Date: 11/02/2007 Time: 11:00 Reported: Received:

SITE: W91-35-1

Laboratory: FLD 20071102-6 Period:OPER  
Sample Date: 11/02/2007 Time: 11:40 Reported: Received:

03/06/2008 15:05 17.36

Oil, Gas and Mining

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OFFICIAL UPLOAD REPORT

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SITE: W99-21-1

Laboratory: FLD 20071114-1 Period:OPER

Sample Date: 11/14/2007 Time: 15:00 Reported: Received:

SITE: W99-28-1

Laboratory: FLD 20071109-4 Period:OPER

Sample Date: 11/09/2007 Time: 10:00 Reported: Received:

SITE: W99-4-1

Laboratory: FLD 20071109-3 Period:OPER

Sample Date: 11/09/2007 Time: 10:40 Reported: Received: