

0034

**From:** Dana Dean  
**To:** Gregg Galecki  
**Date:** 9/24/2007 3:58:58 PM  
**Subject:** Re: 2nd Qtr 2007 Water Monitoring

*Outgoing*  
*9/24/2007*

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 the following samples (for those where you have committed to monthly *seasonal* monitoring, just indicate to me in an email that they were inaccessible where applicable):

MD-1; April and May flows  
F-9; April and May flows  
F-10; April and May flows  
JC-1; April and May flows  
SRD-1; May flow  
CS-22; quarterly  
CS-23; quarterly  
VC-10; quarterly  
VC-11; quarterly  
VC-12 quarterly  
WRDS 1 to WRDS 4; quarterly  
UPDES Outfall 1; week of April 23  
UPDES Outfall 2; week of April 9  
UPDES Outfall 3; week of April 9

The following age-dating samples are also missing, but it is understood by the Division that the lab process is lengthy, and you will submit the data as soon as you receive it from the lab:

EL-1 (tritium)  
EL-2 (tritium)  
S15-3 (tritium)  
S24-1 (tritium)  
2-413 (tritium)  
8-253 (tritium)  
JC-1 (tritium, deuterium, carbon-14, oxygen-18)

Please let me know if you have any questions.

Thank you,

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> 9/10/2007 4:23 PM >>>  
Pam,

The 2nd Quarter 2007 Water Monitoring for Skyline Mine has been electronically submitted into the 'pipeline' and is ready for uploading into the Database.

Dana - I will send you a separate email outlining errors that hopefully you can fix - the database will not allow me to do so.

Gregg A. Galecki

Environmental Engineer

Skyline Mines,

Canyon Fuel Company, LLC

(435)448-2636

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**CC:** Karl Houskeeper

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Oil, Gas and Mining

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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 59-30191 Period:OPER

Sample Date: 06/29/2007 Time: 22:00 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-13

Laboratory: CTE 59-30182 Period:OPER

Sample Date: 06/29/2007 Time: 13:00 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-14

Laboratory: CTE 59-30192 Period:OPER

Sample Date: 06/29/2007 Time: 22:15 Reported: 07/16/2007 Received: 07/02/2007

SITE: ELD-1

Laboratory: FLD 20070415-1 Period:OPER

Sample Date: 04/15/2007 Time: 12:00 Reported: Received:

Comments: monthly average

Laboratory: FLD 20070515-1 Period:OPER

Sample Date: 05/15/2007 Time: 12:00 Reported: Received:

Comments: monthly average

Laboratory: FLD 20070615-G Period:OPER

Sample Date: 06/15/2007 Time: 12:00 Reported: Received:

Comments: monthly average

SITE: MD-1

Laboratory: CTE 59-30193 Period:OPER

Sample Date: 06/29/2007 Time: 22:30 Reported: 07/16/2007 Received: 07/02/2007

SITE: SRD-1

Laboratory: FLD 20040515-1 Period:OPER

Sample Date: 05/15/2004 Time: Reported: Received:

Laboratory: FLD 20070415-2 Period:OPER

Sample Date: 04/15/2007 Time: 12:00 Reported: Received:

Comments: monthly average

Laboratory: FLD 20070615-H Period:OPER

Sample Date: 06/15/2007 Time: 12:00 Reported: Received:

**SITE TYPE: Spring**

SITE: 2-413

Laboratory: FLD 20070616-5 Period:OPER

Sample Date: 06/16/2007 Time: 15:30 Reported: Received:

SITE: 3-290

Laboratory: FLD 20070623-1 Period:OPER

Sample Date: 06/23/2007 Time: 20:30 Reported: Received:

SITE: S10-1

Laboratory: CTE 59-30078 Period:OPER

Sample Date: 06/16/2007 Time: 20:45 Reported: 07/12/2007 Received: 06/19/2007

SITE: S12-1

Laboratory: CTE 59-30079 Period:OPER

Sample Date: 06/16/2007 Time: 21:15 Reported: 06/29/2007 Received: 06/19/2007

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= SITE: S13-2  
Laboratory: FLD 20070629-1 Period:OPER  
Sample Date: 06/29/2007 Time: 21:40 Reported: Received:

SITE: S13-7  
Laboratory: CTE 59-30080 Period:OPER  
Sample Date: 06/16/2007 Time: 21:30 Reported: 06/29/2007 Received: 06/19/2007

SITE: S14-4  
Laboratory: FLD 20070629-2 Period:OPER  
Sample Date: 06/29/2007 Time: 19:15 Reported: Received:

SITE: S15-3  
Laboratory: FLD 20070628-3 Period:OPER  
Sample Date: 06/28/2007 Time: 17:15 Reported: Received:

SITE: S17-2  
Laboratory: CTE 59-30185 Period:OPER  
Sample Date: 06/29/2007 Time: 15:30 Reported: 07/16/2007 Received: 07/02/2007

SITE: S22-11  
Laboratory: FLD 20070628-5 Period:OPER  
Sample Date: 06/28/2007 Time: 16:00 Reported: Received:

SITE: S22-5  
Laboratory: FLD 20070628-4 Period:OPER  
Sample Date: 06/28/2007 Time: 16:30 Reported: Received:

SITE: S23-4  
Laboratory: FLD 20070616-1 Period:OPER  
Sample Date: 06/16/2007 Time: 19:00 Reported: Received:

SITE: S24-1  
Laboratory: FLD 20070622-1 Period:OPER  
Sample Date: 06/22/2007 Time: 20:10 Reported: Received:

SITE: S24-12  
Laboratory: FLD 20070629-3 Period:OPER  
Sample Date: 06/29/2007 Time: 16:10 Reported: Received:

SITE: S26-13  
Laboratory: FLD 20070615-B Period:OPER  
Sample Date: 06/15/2007 Time: 14:00 Reported: Received:

SITE: S34-12  
NO ACCESS Date: 06/16/2007 Time: 17:00

SITE: S35-8  
Laboratory: FLD 20070615-C Period:OPER  
Sample Date: 06/15/2007 Time: 15:15 Reported: Received:

SITE: S36-12  
Laboratory: FLD 20070616-2 Period:OPER  
Sample Date: 06/16/2007 Time: 18:30 Reported: Received:

SITE: WQ1-39  
Laboratory: CTE 59-30151 Period:OPER  
Sample Date: 06/27/2007 Time: 19:50 Reported: 07/16/2007 Received: 06/28/2007

SITE: WQ3-26

Laboratory: CTE 59-30128 Period:OPER  
Sample Date: 06/26/2007 Time: 11:30 Reported: 07/26/2007 Received: 06/27/2007

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= SITE: WQ3-41

Laboratory: CTE 59-30149 Period:OPER  
Sample Date: 06/27/2007 Time: 18:40 Reported: 07/16/2007 Received: 06/28/2007

SITE: WQ3-43

Laboratory: CTE 59-30150 Period:OPER  
Sample Date: 06/27/2007 Time: 19:10 Reported: 07/16/2007 Received: 06/28/2007

SITE: WQ3-6

Laboratory: CTE 59-30130 Period:OPER  
Sample Date: 06/26/2007 Time: 12:30 Reported: 07/16/2007 Received: 06/27/2007

SITE: WQ4-12

Laboratory: CTE 59-30129 Period:OPER  
Sample Date: 06/26/2007 Time: 11:53 Reported: 07/16/2007 Received: 06/27/2007

**SITE TYPE: Stream**

SITE: CS-10

Laboratory: FLD 20070628-2 Period:OPER  
Sample Date: 06/28/2007 Time: 17:00 Reported: Received:

SITE: CS-11

Laboratory: CTE 59-30188 Period:OPER  
Sample Date: 06/29/2007 Time: 20:00 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-16

Laboratory: FLD 20070628-6 Period:OPER  
Sample Date: 06/28/2007 Time: 18:10 Reported: Received:

SITE: CS-17

Laboratory: FLD 20070628-7 Period:OPER  
Sample Date: 06/28/2007 Time: 18:00 Reported: Received:

SITE: CS-18

Laboratory: FLD 20070628-8 Period:OPER  
Sample Date: 06/28/2007 Time: 14:30 Reported: Received:

SITE: CS-19

Laboratory: CTE 59-30181 Period:OPER  
Sample Date: 06/29/2007 Time: 11:30 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-20

Laboratory: CTE 59-30194 Period:OPER  
Sample Date: 06/30/2007 Time: 13:45 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-21

Laboratory: CTE 59-30195 Period:OPER  
Sample Date: 06/30/2007 Time: 16:30 Reported: 07/16/2007 Received: 07/02/2007

SITE: CS-3

Laboratory: CTE 59-30189 Period:OPER  
Sample Date: 06/29/2007 Time: 21:00 Reported: 07/17/2007 Received: 07/02/2007

SITE: CS-4

Laboratory: CTE 59-30187 Period:OPER  
Sample Date: 06/29/2007 Time: 19:45 Reported: 07/17/2007 Received: 07/02/2007

SITE: CS-6

Laboratory: CTE 59-30184 Period:OPER

Sample Date: 06/29/2007 Time: 13:45 Reported: 07/16/2007 Received: 07/02/2007

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= SITE: CS-7

Laboratory: FLD 20070615-A Period:OPER  
Sample Date: 06/15/2007 Time: 15:45 Reported: Received:

SITE: CS-8

Laboratory: FLD 20070628-1 Period:OPER  
Sample Date: 06/28/2007 Time: 17:30 Reported: Received:

SITE: CS-9

Laboratory: CTE 59-30190 Period:OPER  
Sample Date: 06/29/2007 Time: 21:20 Reported: 07/16/2007 Received: 07/02/2007

SITE: F-10

Laboratory: CTE 59-30179 Period:OPER  
Sample Date: 06/29/2007 Time: 09:10 Reported: 07/16/2007 Received: 07/02/2007

SITE: F-9

Laboratory: FLD 20070629-4 Period:OPER  
Sample Date: 06/29/2007 Time: 00:20 Reported: Received:

SITE: UPL-10

Laboratory: CTE 59-30178 Period:OPER  
Sample Date: 06/28/2007 Time: 15:15 Reported: 07/16/2007 Received: 07/02/2007

SITE: VC-6

Laboratory: CTE 59-30186 Period:OPER  
Sample Date: 06/29/2007 Time: 16:45 Reported: 07/17/2007 Received: 07/02/2007

SITE: VC-9

Laboratory: CTE 59-30183 Period:OPER  
Sample Date: 06/29/2007 Time: 13:20 Reported: 07/17/2007 Received: 07/02/2007

**SITE TYPE: UPDES Permit discharge point**

SITE: JC-3

NO FLOW Date: 04/15/2007 Time: 12:00

NO FLOW Date: 05/15/2007 Time: 12:00

NO FLOW Date: 06/15/2007 Time: 12:00

SITE: UT0023540-001

Laboratory: CTE 59-29894 Period:UPDS  
Sample Date: 04/04/2007 Time: 13:15 Reported: 04/17/2007 Received: 04/05/2007

Laboratory: CTE 59-29900 Period:UPDS  
Sample Date: 04/11/2007 Time: 15:45 Reported: 04/19/2007 Received: 04/12/2007

Laboratory: CTE 59-29917 Period:UPDS  
Sample Date: 04/18/2007 Time: 14:45 Reported: 04/25/2007 Received: 04/19/2007

Laboratory: CTE 59-29940 Period:UPDS  
Sample Date: 05/04/2007 Time: 13:15 Reported: 05/17/2007 Received: 05/08/2007

Laboratory: CTE 59-29943 Period:UPDS  
Sample Date: 05/09/2007 Time: 07:15 Reported: 05/18/2007 Received: 05/09/2007

Laboratory: CTE 59-29965 Period:UPDS  
Sample Date: 05/18/2007 Time: 11:00 Reported: 06/06/2007 Received: 05/21/2007

Laboratory: CTE 59-29983 Period:UPDS  
Sample Date: 05/24/2007 Time: 14:30 Reported: 06/06/2007 Received: 05/29/2007

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= Laboratory: CTE 59-30021 Period:UPDS  
Sample Date: 05/31/2007 Time: 14:45 Reported: 06/07/2007 Received: 06/04/2007

Laboratory: CTE 59-30037 Period:UPDS  
Sample Date: 06/07/2007 Time: 11:30 Reported: 06/19/2007 Received: 06/07/2007

Laboratory: CTE 59-30060 Period:UPDS  
Sample Date: 06/13/2007 Time: 13:45 Reported: 06/22/2007 Received: 06/14/2007

Laboratory: CTE 59-30091 Period:UPDS  
Sample Date: 06/20/2007 Time: 17:15 Reported: 06/28/2007 Received: 06/22/2007

Laboratory: CTE 59-30152 Period:UPDS  
Sample Date: 06/28/2007 Time: 10:30 Reported: 07/12/2007 Received: 06/28/2007

## SITE: UT0023540-002

NO FLOW Date: 03/06/2007 Time: 13:50

NO FLOW Date: 03/15/2007 Time: 14:30  
Comments: Not enough flow to monitor

NO FLOW Date: 03/26/2007 Time: 14:30

NO FLOW Date: 04/04/2007 Time: 12:45

NO FLOW Date: 04/18/2007 Time: 14:30

NO FLOW Date: 04/29/2007 Time: 09:00

NO FLOW Date: 05/04/2007 Time: 12:50

NO FLOW Date: 05/09/2007 Time: 06:45

NO FLOW Date: 05/18/2007 Time: 10:40

NO FLOW Date: 05/24/2007 Time: 14:00

NO FLOW Date: 05/31/2007 Time: 14:10

NO FLOW Date: 06/07/2007 Time: 11:10

NO FLOW Date: 06/13/2007 Time: 13:40

NO FLOW Date: 06/20/2007 Time: 17:15

NO FLOW Date: 06/28/2007 Time: 09:40

## SITE: UT0023540-003

NO FLOW Date: 01/01/2006 Time: 12:00

NO FLOW Date: 10/11/2006 Time: 12:00

NO FLOW Date: 10/18/2006 Time: 12:00

NO FLOW Date: 10/25/2006 Time: 12:00

NO FLOW Date: 12/15/2006 Time: 12:00

NO FLOW Date: 12/22/2006 Time: 12:00

NO FLOW Date: 12/29/2006 Time: 12:00

NO FLOW Date: 02/01/2007 Time: 12:00  
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OFFICIAL UPLOAD REPORT

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NO FLOW Date: 02/08/2007 Time: 12:00

NO FLOW Date: 03/01/2007 Time: 12:00

NO FLOW Date: 03/06/2007 Time: 13:20

NO FLOW Date: 03/15/2007 Time: 12:00

NO FLOW Date: 03/22/2007 Time: 12:00

NO FLOW Date: 03/26/2007 Time: 14:00

NO FLOW Date: 04/04/2007 Time: 12:15

NO FLOW Date: 04/18/2007 Time: 14:00

NO FLOW Date: 04/29/2007 Time: 08:30

NO FLOW Date: 05/04/2007 Time: 12:20

NO FLOW Date: 05/09/2007 Time: 06:15

NO FLOW Date: 05/18/2007 Time: 10:20

NO FLOW Date: 05/24/2007 Time: 13:30

NO FLOW Date: 05/31/2007 Time: 13:40

NO FLOW Date: 06/07/2007 Time: 10:40

NO FLOW Date: 06/13/2007 Time: 13:10

NO FLOW Date: 06/20/2007 Time: 16:45

NO FLOW Date: 06/28/2007 Time: 09:40

**SITE TYPE: Well**

SITE: 92-91-03

Laboratory: CTE 59-30180 Period: OPER

Sample Date: 06/29/2007 Time: 10:40 Reported: 07/16/2007 Received: 07/02/2007

SITE: JC-1

Laboratory: CTE 59-30077 Period: OPER

Sample Date: 06/16/2007 Time: 17:15 Reported: 06/27/2007 Received: 06/19/2007

SITE: W2-1

Laboratory: FLD 20070616-6 Period: OPER

Sample Date: 06/16/2007 Time: 15:00 Reported: Received:

SITE: W20-28-1

Laboratory: FLD 20070628-B Period: OPER

Sample Date: 06/28/2007 Time: 21:20 Reported: Received:

SITE: W20-4-1

Laboratory: FLD 20070627-1 Period: OPER

Sample Date: 06/27/2007 Time: 19:30 Reported: Received:

SITE: W20-4-2

Laboratory: FLD 20070623-2 Period:OPER

Sample Date: 06/23/2007 Time: 20:00 Reported: Received:

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OFFICIAL UPLOAD REPORT

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= SITE: W79-10-1b

Laboratory: FLD 20070616-3 Period:OPER

Sample Date: 06/16/2007 Time: 20:40 Reported: Received:

SITE: W79-14-2a

Laboratory: FLD 20070616-4 Period:OPER

Sample Date: 06/16/2007 Time: 19:45 Reported: Received:

SITE: W79-26-1

Laboratory: FLD 20070615-E Period:OPER

Sample Date: 06/15/2007 Time: 14:40 Reported: Received:

SITE: W79-35-1A

Laboratory: FLD 20070615-D Period:OPER

Sample Date: 06/15/2007 Time: 15:30 Reported: Received:

SITE: W79-35-1B

Laboratory: FLD 20070615-F Period:OPER

Sample Date: 06/15/2007 Time: 15:25 Reported: Received:

SITE: W91-26-1

Laboratory: FLD 20070616-7 Period:OPER

Sample Date: 06/16/2007 Time: 20:15 Reported: Received:

SITE: W91-35-1

Laboratory: FLD 20070629-5 Period:OPER

Sample Date: 06/29/2007 Time: 18:30 Reported: Received:

SITE: W99-21-1

Laboratory: FLD 20070628-9 Period:OPER

Sample Date: 06/28/2007 Time: 19:30 Reported: Received:

SITE: W99-28-1

Laboratory: FLD 20070628-A Period:OPER

Sample Date: 06/28/2007 Time: 18:30 Reported: Received:

SITE: W99-4-1

Laboratory: FLD 20070627-2 Period:OPER

Sample Date: 06/27/2007 Time: 20:15 Reported: Received: