

**From:** Dana Dean  
**To:** Hansen, Chris  
**Date:** 10/15/03 11:55AM  
**Subject:** Re: 2nd Quarter 2003 Water Monitoring

Chris,

I have uploaded all of the okayed Skyline samples. A report is attached.

Please let me know if you have any questions.

Thanks,

Dana Dean, P.E.  
Senior Reclamation Hydrologist  
(801) 538-5320  
danadean@utah.gov

>>> "Hansen, Chris" <CHansen@archcoal.com> 10/15/03 07:33AM >>>  
Pam:

I have uploaded the majority of the 2nd Quarter 2003 water monitoring data for the Skyline Mine to the EDI. However, I have not been able to upload site CS-21 to the site as it appears it does not have an assigned site number in the system. Perhaps I am unable to find it. Please let me know if I missed it or if a site number has yet to be assigned.

On another note, I have paper copies of the August and September DMRs for the PacifiCorp UPDES discharge point at JC-3. However, PC has not forwarded to me their copies of the lab sheets used to determine their average numbers for the required parameters. I will drop the DMR sheets in the mail for now and try and sort this out with PC.

If you have any questions, please give me a call at (435) 448-2669. Thanks for the extra time to get this done. There are times when the electronic files we get from the labs are a nightmare.

Chris

\*\*\*\*\* Email Disclaimer \*\*\*\*\*

The information contained in this e-mail, and in any accompanying documents, may constitute confidential and/or legally privileged information. The information is intended only for use by the designated recipient. If you are not the intended recipient (or responsible for delivery of the message to the intended recipient), you are hereby notified that any dissemination, distribution, copying, or other use of, or taking of any action in reliance on this e-mail is strictly prohibited. If you have received this e-mail communication in error, please notify the sender immediately and delete the message from your system.

**CC:** Angela Nance; Gregg Galecki; Steve Demczak

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 1

OFFICIAL UPLOAD REPORT

=====

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

**SITE TYPE: Other: in mine, roof drippers**

SITE: CS-12

Laboratory: CTE 59-25337 Period:OPER  
Sample Date: 06/18/2003 Time: 15:30 Reported: 07/10/2003 Received: 06/19/2003

Laboratory: MSA 306249-13b Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: CS-13

Laboratory: MSA 0306294-04 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25394 Period:OPER  
Sample Date: 06/26/2003 Time: 14:00 Reported: 07/11/2003 Received: 06/26/2003

SITE: CS-14

Laboratory: CTE 59-25338 Period:OPER  
Sample Date: 06/18/2003 Time: 15:40 Reported: 07/10/2003 Received: 06/19/2003

Laboratory: MSA 306294-15a Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: MD-1

Laboratory: CTE 59-25336 Period:OPER  
Sample Date: 06/18/2003 Time: 15:50 Reported: 06/25/2003 Received: 06/19/2003

Laboratory: MSA 0306294-17 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

**SITE TYPE: Spring**

SITE: 2-413

Laboratory: CTE 59-25343 Period:OPER  
Sample Date: 06/18/2003 Time: 17:30 Reported: 07/10/2003 Received: 06/19/2003

SITE: 3-290

Laboratory: CTE 59-25347 Period:OPER  
Sample Date: 06/19/2003 Time: 12:20 Reported: 07/10/2003 Received: 06/19/2003

SITE: S10-1

Laboratory: CTE 59-25310 Period:OPER  
Sample Date: 06/16/2003 Time: 12:50 Reported: 06/27/2003 Received: 06/17/2003

SITE: S12-1

Laboratory: CTE 59-25309 Period:OPER  
Sample Date: 06/16/2003 Time: 13:45 Reported: 06/27/2003 Received: 06/17/2003

SITE: S13-2

Laboratory: CTE 59-25385 Period:OPER  
Sample Date: 06/25/2003 Time: 16:45 Reported: 07/10/2003 Received: 06/26/2003

SITE: S13-7

Laboratory: CTE 59-25308 Period:OPER  
Sample Date: 06/16/2003 Time: 14:25 Reported: 06/25/2003 Received: 06/17/2003

SITE: S14-4

NO FLOW Date: 06/17/2003 Time: 13:20

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 2

OFFICIAL UPLOAD REPORT

=====

SITE: S15-3  
Laboratory: CTE 59-25390 Period:OPER  
Sample Date: 06/25/2003 Time: 10:30 Reported: 07/11/2003 Received: 06/26/2003

SITE: S17-2  
Laboratory: CTE 59-25395 Period:OPER  
Sample Date: 06/26/2003 Time: 12:20 Reported: 07/11/2003 Received: 06/26/2003

SITE: S22-11  
Laboratory: CTE 59-25379 Period:OPER  
Sample Date: 06/25/2003 Time: 15:00 Reported: 07/10/2003 Received: 06/26/2003

SITE: S22-5  
Laboratory: CTE 59-25384 Period:OPER  
Sample Date: 06/25/2003 Time: 15:00 Reported: 07/10/2003 Received: 06/26/2003

SITE: S23-4  
Laboratory: CTE 59-25348 Period:OPER  
Sample Date: 06/19/2003 Time: 15:50 Reported: 07/10/2003 Received: 06/19/2003

SITE: S24-12  
Laboratory: CTE 59-25380 Period:OPER  
Sample Date: 06/25/2003 Time: 18:00 Reported: 07/10/2003 Received: 06/26/2003

SITE: S26-13  
Laboratory: CTE 59-25349 Period:OPER  
Sample Date: 06/19/2003 Time: 15:55 Reported: 07/10/2003 Received: 06/19/2003

SITE: S34-12  
Laboratory: CTE 59-25345 Period:OPER  
Sample Date: 06/19/2003 Time: 13:20 Reported: 07/10/2003 Received: 06/19/2003

SITE: S35-8  
Laboratory: CTE 59-25326 Period:OPER  
Sample Date: 06/17/2003 Time: 16:45 Reported: 06/27/2003 Received: 06/18/2003

SITE: S36-12  
Laboratory: CTE 59-25340 Period:OPER  
Sample Date: 06/18/2003 Time: 17:15 Reported: 07/10/2003 Received: 06/19/2003

SITE: WQ1-39  
Laboratory: CTE 59-25313 Period:OPER  
Sample Date: 06/16/2003 Time: 12:45 Reported: 06/27/2003 Received: 06/17/2003

SITE: WQ3-26  
Laboratory: CTE 59-25323 Period:OPER  
Sample Date: 06/17/2003 Time: 11:30 Reported: 06/27/2003 Received: 06/18/2003

SITE: WQ3-41  
Laboratory: CTE 59-25315 Period:OPER  
Sample Date: 06/16/2003 Time: 14:00 Reported: 06/27/2003 Received: 06/17/2003

SITE: WQ3-43  
Laboratory: CTE 59-25312 Period:OPER  
Sample Date: 06/16/2003 Time: 13:30 Reported: 06/27/2003 Received: 06/17/2003

SITE: WQ3-6  
Laboratory: CTE 59-25328 Period:OPER  
Sample Date: 06/17/2003 Time: 13:00 Reported: 06/27/2003 Received: 06/18/2003

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 3

OFFICIAL UPLOAD REPORT

=====

SITE: WQ4-12

Laboratory: CTE 59-25329 Period:OPER  
Sample Date: 06/17/2003 Time: 12:10 Reported: 07/03/2003 Received: 06/18/2003

**SITE TYPE: Stream**

SITE: CS-1

Laboratory: MSA 0306294-12 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25378 Period:OPER  
Sample Date: 06/25/2003 Time: 18:30 Reported: 07/10/2003 Received: 06/26/2003

SITE: CS-10

Laboratory: CTE 59-25386 Period:OPER  
Sample Date: 06/25/2003 Time: 15:30 Reported: 07/10/2003 Received: 06/26/2003

SITE: CS-11

Laboratory: MSA 0306294-15 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25387 Period:OPER  
Sample Date: 06/25/2003 Time: 12:30 Reported: 07/11/2003 Received: 06/26/2003

SITE: CS-16

Laboratory: CTE 59-25346 Period:OPER  
Sample Date: 06/19/2003 Time: 14:15 Reported: 07/10/2003 Received: 06/19/2003

SITE: CS-17

Laboratory: CTE 59-25341 Period:OPER  
Sample Date: 06/18/2003 Time: 17:50 Reported: 07/10/2003 Received: 06/19/2003

SITE: CS-18

Laboratory: CTE 59-25344 Period:OPER  
Sample Date: 06/19/2003 Time: 13:30 Reported: 07/10/2003 Received: 06/19/2003

SITE: CS-2

Laboratory: MSA 0303010-07 Period:OPER  
Sample Date: 02/26/2003 Time: 01:21 Reported: 03/11/2003 Received: 03/03/2003

Laboratory: MSA 306294-01a Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: CS-20

Laboratory: CTE 59-25324 Period:OPER  
Sample Date: 06/17/2003 Time: 13:30 Reported: 06/27/2003 Received: 06/18/2003

SITE: CS-3

Laboratory: MSA 0306294-13 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25381 Period:OPER  
Sample Date: 06/25/2003 Time: 17:00 Reported: 07/10/2003 Received: 06/26/2003

SITE: CS-4

Laboratory: CTE 59-25388 Period:OPER  
Sample Date: 06/25/2003 Time: 11:50 Reported: 07/11/2003 Received: 06/26/2003

Laboratory: MSA 0306294-18 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 4

OFFICIAL UPLOAD REPORT

=====

SITE: CS-6

Laboratory: MSA 0306294-06 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25398 Period:OPER  
Sample Date: 06/26/2003 Time: 12:50 Reported: 07/11/2003 Received: 06/26/2003

SITE: CS-7

Laboratory: CTE 59-25325 Period:OPER  
Sample Date: 06/17/2003 Time: 16:20 Reported: 06/27/2003 Received: 06/18/2003

SITE: CS-8

Laboratory: CTE 59-25389 Period:OPER  
Sample Date: 06/25/2003 Time: 10:40 Reported: 07/11/2003 Received: 06/26/2003

SITE: CS-9

Laboratory: MSA 0306294-14 Period:OPER  
Sample Date: 06/25/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25383 Period:OPER  
Sample Date: 06/25/2003 Time: 16:30 Reported: 07/10/2003 Received: 06/26/2003

SITE: F-10

Laboratory: CTE 59-25342 Period:OPER  
Sample Date: 06/18/2003 Time: 18:10 Reported: 07/10/2003 Received: 06/19/2003

SITE: F-9

Laboratory: FLD 20030618-1 Period:OPER  
Sample Date: 06/18/2003 Time: 18:00 Reported: Received:

SITE: MC-1

Laboratory: MSA 0306924-07 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25397 Period:OPER  
Sample Date: 06/26/2003 Time: 15:25 Reported: 07/11/2003 Received: 06/26/2003

SITE: MC-2

Laboratory: MSA 0306924-08 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25400 Period:OPER  
Sample Date: 06/26/2003 Time: 15:45 Reported: 07/03/2003 Received: 06/26/2003

SITE: MC-3

Laboratory: MSA 0306294-09 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25402 Period:OPER  
Sample Date: 06/26/2003 Time: 16:30 Reported: 07/03/2003 Received: 06/26/2003

SITE: MC-4

Laboratory: MSA 0306294-10 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25401 Period:OPER  
Sample Date: 06/26/2003 Time: 16:10 Reported: 07/03/2003 Received: 06/26/2003

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 5

OFFICIAL UPLOAD REPORT

=====

SITE: MC-5

Laboratory: MSA 0306924-11 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

Laboratory: CTE 59-25399 Period:OPER  
Sample Date: 06/26/2003 Time: 15:15 Reported: 07/03/2003 Received: 06/26/2003

SITE: UPL-10

Laboratory: CTE 59-25327 Period:OPER  
Sample Date: 06/17/2003 Time: 16:30 Reported: 06/27/2003 Received: 06/18/2003

SITE: VC-10

Laboratory: CTE 59-25392 Period:OPER  
Sample Date: 06/26/2003 Time: 11:30 Reported: 07/11/2003 Received: 06/26/2003

Laboratory: MSA 0306294-02 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: VC-6

Laboratory: CTE 59-25393 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/11/2003 Received: 06/26/2003

SITE: VC-9

Laboratory: MSA 0306294-05 Period:OPER  
Sample Date: 06/26/2003 Time: 12:00 Reported: 07/08/2003 Received: 06/30/2003

SITE: WRDS #1

NO FLOW Date: 06/18/2003 Time: 12:30

SITE: WRDS #2

NO FLOW Date: 06/18/2003 Time: 12:30

SITE: WRDS #3

NO FLOW Date: 06/18/2003 Time: 12:30

SITE: WRDS #4

NO FLOW Date: 06/18/2003 Time: 12:30

**SITE TYPE: UPDES Permit discharge point**

SITE: UT0023540-001

Laboratory: CTE 59-25432 Period:UPDS  
Sample Date: 07/01/2003 Time: 16:52 Reported: 07/16/2003 Received: 07/03/2003

Laboratory: CTE 59-25461 Period:UPDS  
Sample Date: 07/10/2003 Time: 16:00 Reported: 07/31/2003 Received: 07/11/2003

Laboratory: CTE 59-25488 Period:UPDS  
Sample Date: 07/17/2003 Time: 10:45 Reported: 07/31/2003 Received: 07/18/2003

Laboratory: CTE 59-25490 Period:UPDS  
Sample Date: 07/23/2003 Time: 10:40 Reported: 07/31/2003 Received: 07/24/2003

Laboratory: CTE 59-25508 Period:UPDS  
Sample Date: 07/31/2003 Time: 18:00 Reported: 08/11/2003 Received: 08/06/2003

Laboratory: CTE 59-25546 Period:UPDS  
Sample Date: 08/07/2003 Time: 15:00 Reported: 08/14/2003 Received: 08/08/2003

Laboratory: CTE 59-25575 Period:UPDS  
Sample Date: 08/15/2003 Time: 13:30 Reported: 09/05/2003 Received: 08/19/2003

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 6

OFFICIAL UPLOAD REPORT

=====

Laboratory: CTE 59-25581    Period:UPDS  
Sample Date: 08/21/2003    Time: 16:30    Reported: 08/28/2003    Received: 08/25/2003

Laboratory: CTE 59-25593    Period:UPDS  
Sample Date: 08/27/2003    Time: 09:10    Reported: 09/05/2003    Received: 08/28/2003

SITE: UT0023540-002  
NO FLOW    Date: 07/01/2003    Time: 17:07  
  
NO FLOW    Date: 07/10/2003    Time: 16:15  
  
NO FLOW    Date: 07/17/2003    Time: 11:00  
  
NO FLOW    Date: 07/23/2003    Time: 10:55  
  
NO FLOW    Date: 07/31/2003    Time: 18:15  
  
NO FLOW    Date: 08/07/2003    Time: 15:15  
  
NO FLOW    Date: 08/15/2003    Time: 13:45  
  
NO FLOW    Date: 08/21/2003    Time: 16:45  
  
NO FLOW    Date: 08/27/2003    Time: 19:25

SITE: UT0023540-003  
NO FLOW    Date: 07/01/2003    Time: 17:22  
  
NO FLOW    Date: 07/10/2003    Time: 16:30  
  
NO FLOW    Date: 07/17/2003    Time: 11:15  
  
NO FLOW    Date: 07/23/2003    Time: 11:10  
  
NO FLOW    Date: 07/31/2003    Time: 18:30  
  
NO FLOW    Date: 08/07/2003    Time: 15:30  
  
NO FLOW    Date: 08/15/2003    Time: 14:00  
  
NO FLOW    Date: 08/21/2003    Time: 16:45  
  
NO FLOW    Date: 08/27/2003    Time: 09:40

**SITE TYPE: Well**

SITE: JC-1  
Laboratory: MSA 0306294-16    Period:OPER  
Sample Date: 06/25/2003    Time: 12:00    Reported: 07/08/2003    Received: 06/30/2003

Laboratory: CTE 59-25382    Period:OPER  
Sample Date: 06/25/2003    Time: 13:45    Reported: 07/03/2003    Received: 06/26/2003

SITE: W2-1  
Laboratory: FLD 20030611-3    Period:OPER  
Sample Date: 06/11/2003    Time: 14:00    Reported:    Received:

SITE: W20-28-1  
Laboratory: FLD 20030603-1    Period:OPER  
Sample Date: 06/03/2003    Time: 15:45    Reported:    Received:

Utah Division of Oil, Gas, And Mining  
10/15/2003 11:33 48.43

DD Page: 7

OFFICIAL UPLOAD REPORT

=====

SITE: W20-4-1  
Laboratory: FLD 20030611-4 Period:OPER  
Sample Date: 06/11/2003 Time: 16:50 Reported: Received:

SITE: W20-4-2  
Laboratory: FLD 20030612-1 Period:OPER  
Sample Date: 06/12/2003 Time: 12:45 Reported: Received:

SITE: W79-10-1A  
Laboratory: FLD 20030616-5 Period:OPER  
Sample Date: 06/16/2003 Time: 12:40 Reported: Received:

SITE: W79-10-1b  
NO ACCESS Date: 06/16/2003 Time: 12:50  
Comments: Well is blocked

SITE: W79-14-2a  
Laboratory: FLD 20030616-4 Period:OPER  
Sample Date: 06/16/2003 Time: 16:15 Reported: Received:

SITE: W79-26-1  
Laboratory: FLD 20030617-1 Period:OPER  
Sample Date: 06/17/2003 Time: 16:15 Reported: Received:

SITE: W79-35-1A  
Laboratory: FLD 20030611-1 Period:OPER  
Sample Date: 06/11/2003 Time: 19:00 Reported: Received:

SITE: W79-35-1B  
Laboratory: FLD 20030611-2 Period:OPER  
Sample Date: 06/11/2003 Time: 18:45 Reported: Received:

SITE: W91-26-1  
Laboratory: FLD 20030616-6 Period:OPER  
Sample Date: 06/16/2003 Time: 11:00 Reported: Received:

SITE: W91-35-1  
Laboratory: FLD 20030617-2 Period:OPER  
Sample Date: 06/17/2003 Time: 11:50 Reported: Received:

SITE: W99-21-1  
Laboratory: FLD 20030612-2 Period:OPER  
Sample Date: 06/12/2003 Time: 17:00 Reported: Received:

SITE: W99-28-1  
Laboratory: FLD 20030612-3 Period:OPER  
Sample Date: 06/12/2003 Time: 15:30 Reported: Received:

SITE: W99-4-1  
Laboratory: FLD 20030611-5 Period:OPER  
Sample Date: 06/11/2003 Time: 17:00 Reported: Received: