

From: Dana Dean
To: Chris Hansen
Date: 10/1/2004 10:59:34 AM
Subject: Re: Skyline Mine Spring 2004 Water Monitoring Data

Chris,

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

The EDI shows that you are missing monthly field samples for F-9 and F-10 (APR, MAY) and JC-1, MD-1. You are also missing the quarterly sample for W79-14-2B. If any of these are not required, let me know and I will change the settings.

I think I have fixed the glitches you mentioned, if you have more trouble, let me know and I will fix it asap.

Please let me know if you have any questions.

Thank you,

Dana Dean, P.E.
Senior Reclamation Hydrologist
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>>> "Hansen, Chris" <CHansen@archcoal.com> 09/29/04 12:39PM >>>
Pam:

I have successfully uploaded almost all of the required water monitoring data for the Skyline Mine Spring 2004 Water Monitoring period. We are still waiting on the lab for the final Carbon 14 data for the JC-1 well for that quarter.

I do have an issue with the required parameters listed on the EDI system for several of our sites. For MC-1 through MC-6, the system asks for DO. This parameter is not required for these sites by permit but does show up on the EDI. We have monitored that parameter occasionally in the past and did so this time. I went ahead and put that data in but would prefer the requirement be taken off the EDI since it is not part of the permit. Site F-9 only required field parameters but the EDI asks for lab data. Finally, for site MD-1, I am requested to upload Chemtech generated TOC and CN data, along with other lab data already provided under CTE. This site may have gotten skipped when we fixed this problem for the other sites where two different lab reports are required. Also. TOC and CN are Summer time required parameters, not spring and fall.

Thanks for your help in correcting these glitches.

Chris Hansen

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CC: Gregg Galecki; Steve Demczak

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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

NO FLOW Date: 06/29/2004 Time: 09:45
Comments: NO discharge from mine #3

SITE: CS-13

NO FLOW Date: 06/29/2004 Time: 13:30
Comments: Damp, no flow

SITE: CS-14

Laboratory: CHE 04-U006584 Period:OPER
Sample Date: 06/29/2004 Time: 10:00 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26582 Period:OPER
Sample Date: 06/29/2004 Time: 10:01 Reported: 07/21/2004 Received: 06/30/2004

SITE: MD-1

Laboratory: CTE 59-26110b Period:OPER
Sample Date: 02/06/2004 Time: 12:00 Reported: 02/18/2004 Received: 02/06/2004

Laboratory: CTE 59-26583 Period:OPER
Sample Date: 06/29/2004 Time: 11:00 Reported: 07/21/2004 Received: 06/30/2004

SITE TYPE: Spring

SITE: 2-413

Laboratory: CTE 59-26560 Period:OPER
Sample Date: 06/28/2004 Time: 12:00 Reported: 07/14/2004 Received: 06/29/2004

SITE: 3-290

Laboratory: CTE 59-26533 Period:OPER
Sample Date: 06/24/2004 Time: 12:45 Reported: 07/09/2004 Received: 06/25/2004

SITE: S10-1

Laboratory: CTE 59-26498 Period:OPER
Sample Date: 06/22/2004 Time: 15:15 Reported: 07/07/2004 Received: 06/23/2004

SITE: S12-1

Laboratory: CTE 59-26518 Period:OPER
Sample Date: 06/23/2004 Time: 11:55 Reported: 07/07/2004 Received: 06/24/2004

SITE: S13-2

Laboratory: CTE 59-26548 Period:OPER
Sample Date: 06/28/2004 Time: 17:30 Reported: 07/08/2004 Received: 06/29/2004

SITE: S13-7

Laboratory: CTE 59-26519 Period:OPER
Sample Date: 06/23/2004 Time: 12:55 Reported: 07/07/2004 Received: 06/24/2004

SITE: S14-4

Laboratory: CTE 59-26517 Period:OPER
Sample Date: 06/23/2004 Time: 14:15 Reported: 07/07/2004 Received: 06/24/2004

SITE: S15-3

Laboratory: CTE 59-26515 Period:OPER
Sample Date: 06/23/2004 Time: 16:20 Reported: 07/07/2004 Received: 06/24/2004

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SITE: S17-2

Laboratory: CTE 59-26578 Period:OPER
Sample Date: 06/29/2004 Time: 12:40 Reported: 07/14/2004 Received: 06/30/2004

SITE: S22-11

Laboratory: CTE 59-26529 Period:OPER
Sample Date: 06/24/2004 Time: 15:00 Reported: 07/08/2004 Received: 06/25/2004

SITE: S22-5

Laboratory: CTE 59-26530 Period:OPER
Sample Date: 06/24/2004 Time: 15:45 Reported: 07/09/2004 Received: 06/25/2004

SITE: S23-4

Laboratory: CTE 59-26553 Period:OPER
Sample Date: 06/28/2004 Time: 15:15 Reported: 07/08/2004 Received: 06/29/2004

SITE: S24-12

Laboratory: CTE 59-26551 Period:OPER
Sample Date: 06/28/2004 Time: 16:30 Reported: 07/08/2004 Received: 06/29/2004

SITE: S26-13

Laboratory: CTE 59-26556 Period:OPER
Sample Date: 06/28/2004 Time: 12:45 Reported: 07/08/2004 Received: 06/29/2004

SITE: S34-12

Laboratory: CTE 59-26528 Period:OPER
Sample Date: 06/24/2004 Time: 14:10 Reported: 07/09/2004 Received: 06/25/2004

SITE: S35-8

Laboratory: CTE 59-26534 Period:OPER
Sample Date: 06/24/2004 Time: 18:30 Reported: 07/09/2004 Received: 06/25/2004

SITE: S36-12

Laboratory: CTE 59-26557 Period:OPER
Sample Date: 06/28/2004 Time: 12:45 Reported: 07/14/2004 Received: 06/29/2004

SITE: WQ1-39

Laboratory: CTE 59-26502 Period:OPER
Sample Date: 06/22/2004 Time: 13:50 Reported: 07/07/2004 Received: 06/23/2004

SITE: WQ3-26

Laboratory: CTE 59-26509 Period:OPER
Sample Date: 06/23/2004 Time: 11:50 Reported: 07/07/2004 Received: 06/24/2004

SITE: WQ3-41

Laboratory: CTE 59-26501 Period:OPER
Sample Date: 06/22/2004 Time: 15:10 Reported: 07/08/2004 Received: 06/23/2004

SITE: WQ3-43

Laboratory: CTE 59-26503 Period:OPER
Sample Date: 06/22/2004 Time: 14:40 Reported: 07/07/2004 Received: 06/23/2004

SITE: WQ3-6

Laboratory: CTE 59-26511 Period:OPER
Sample Date: 06/23/2004 Time: 13:20 Reported: 07/07/2004 Received: 06/24/2004

SITE: WQ4-12

Laboratory: CTE 59-26510 Period:OPER
Sample Date: 06/23/2004 Time: 12:25 Reported: 07/07/2004 Received: 06/24/2004

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SITE TYPE: Stream

SITE: CS-1

Laboratory: CHE 04-U006586 Period:OPER
Sample Date: 06/28/2004 Time: 17:15 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26550 Period:OPER
Sample Date: 06/28/2004 Time: 17:16 Reported: 07/08/2004 Received: 06/29/2004

SITE: CS-10

Laboratory: CTE 59-26532 Period:OPER
Sample Date: 06/24/2004 Time: 16:35 Reported: 07/09/2004 Received: 06/25/2004

SITE: CS-11

Laboratory: CHE 04-U006585 Period:OPER
Sample Date: 06/28/2004 Time: 16:35 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26552 Period:OPER
Sample Date: 06/28/2004 Time: 16:36 Reported: 07/08/2004 Received: 06/29/2004

SITE: CS-15

NO FLOW Date: 06/28/2004 Time: 16:00

SITE: CS-16

Laboratory: CTE 59-26513 Period:OPER
Sample Date: 06/23/2004 Time: 17:25 Reported: 07/07/2004 Received: 06/24/2004

SITE: CS-17

Laboratory: CTE 59-26514 Period:OPER
Sample Date: 06/23/2004 Time: 17:05 Reported: 07/07/2004 Received: 06/24/2004

SITE: CS-18

Laboratory: CTE 59-26536 Period:OPER
Sample Date: 06/24/2004 Time: 14:20 Reported: 07/09/2004 Received: 06/25/2004

SITE: CS-19

Laboratory: CTE 59-26499 Period:OPER
Sample Date: 06/22/2004 Time: 16:50 Reported: 07/07/2004 Received: 06/23/2004

SITE: CS-2

Laboratory: CHE 04-U006588 Period:OPER
Sample Date: 06/29/2004 Time: 11:25 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26580 Period:OPER
Sample Date: 06/29/2004 Time: 11:26 Reported: 07/21/2004 Received: 06/30/2004

SITE: CS-20

Laboratory: CTE 59-26512 Period:OPER
Sample Date: 06/23/2004 Time: 14:00 Reported: 07/07/2004 Received: 06/24/2004

SITE: CS-21

Laboratory: CTE 59-26500 Period:OPER
Sample Date: 06/22/2004 Time: 16:00 Reported: 07/08/2004 Received: 06/23/2004

SITE: CS-3

Laboratory: CHE 04-U006583 Period:OPER
Sample Date: 06/28/2004 Time: 18:35 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26547 Period:OPER
Sample Date: 06/28/2004 Time: 18:36 Reported: 07/09/2004 Received: 06/29/2004

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SITE: CS-4

Laboratory: CHE 04-U006589 Period:OPER
Sample Date: 06/28/2004 Time: 15:20 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26554 Period:OPER
Sample Date: 06/28/2004 Time: 15:21 Reported: 07/08/2004 Received: 06/29/2004

SITE: CS-6

Laboratory: CHE 04-U006592 Period:OPER
Sample Date: 06/29/2004 Time: 13:00 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26577 Period:OPER
Sample Date: 06/29/2004 Time: 13:01 Reported: 07/21/2004 Received: 06/30/2004

SITE: CS-7

Laboratory: CTE 59-26531 Period:OPER
Sample Date: 06/24/2004 Time: 17:35 Reported: 07/08/2004 Received: 06/25/2004

SITE: CS-8

Laboratory: CTE 59-26516 Period:OPER
Sample Date: 06/23/2004 Time: 16:30 Reported: 07/07/2004 Received: 06/24/2004

SITE: CS-9

Laboratory: CTE 59-26549 Period:OPER
Sample Date: 06/28/2004 Time: 17:15 Reported: 07/08/2004 Received: 06/29/2004

Laboratory: CHE 04-U006582 Period:OPER
Sample Date: 06/28/2004 Time: 17:35 Reported: 07/19/2004 Received: 07/01/2004

SITE: F-10

Laboratory: CTE 59-26555 Period:OPER
Sample Date: 06/28/2004 Time: 13:10 Reported: 07/08/2004 Received: 06/29/2004

SITE: F-9

Laboratory: FLD 20040628-2 Period:OPER
Sample Date: 06/28/2004 Time: 13:30 Reported: Received:

SITE: MC-1

Laboratory: CTE 59-26570 Period:OPER
Sample Date: 06/29/2004 Time: 13:45 Reported: 07/12/2004 Received: 06/30/2004

SITE: MC-2

Laboratory: CTE 59-26572 Period:OPER
Sample Date: 06/29/2004 Time: 14:15 Reported: 07/12/2004 Received: 06/30/2004

SITE: MC-3

Laboratory: CTE 59-26575 Period:OPER
Sample Date: 06/29/2004 Time: 15:25 Reported: 07/12/2004 Received: 06/30/2004

SITE: MC-4

Laboratory: CTE 59-26574 Period:OPER
Sample Date: 06/29/2004 Time: 15:00 Reported: 07/12/2004 Received: 06/30/2004

SITE: MC-5

Laboratory: CTE 59-26571 Period:OPER
Sample Date: 06/29/2004 Time: 14:00 Reported: 07/12/2004 Received: 06/30/2004

SITE: MC-6

Laboratory: CTE 59-26573 Period:OPER
Sample Date: 06/29/2004 Time: 14:40 Reported: 07/12/2004 Received: 06/30/2004

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SITE: UPL-10

Laboratory: CTE 59-26535 Period:OPER
Sample Date: 06/24/2004 Time: 17:25 Reported: 07/09/2004 Received: 06/25/2004

SITE: VC-10

Laboratory: CHE 04-U006591 Period:OPER
Sample Date: 06/29/2004 Time: 12:25 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26579 Period:OPER
Sample Date: 06/29/2004 Time: 12:26 Reported: 07/21/2004 Received: 06/30/2004

SITE: VC-6

Laboratory: CHE 04-U006590 Period:OPER
Sample Date: 06/29/2004 Time: 12:00 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26581 Period:OPER
Sample Date: 06/29/2004 Time: 12:01 Reported: 07/21/2004 Received: 06/30/2004

SITE: VC-9

Laboratory: CHE 04-U006593 Period:OPER
Sample Date: 06/29/2004 Time: 13:30 Reported: 07/19/2004 Received: 07/01/2004

Laboratory: CTE 59-26576 Period:OPER
Sample Date: 06/29/2004 Time: 13:31 Reported: 07/21/2004 Received: 06/30/2004

SITE: WRDS #1

NO FLOW Date: 06/22/2004 Time: 18:00
Comments: Drainage is dry

SITE: WRDS #2

NO FLOW Date: 06/22/2004 Time: 18:00
Comments: Drainage is dry

SITE: WRDS #3

NO FLOW Date: 06/22/2004 Time: 18:00
Comments: Drainage is dry

SITE: WRDS #4

NO FLOW Date: 06/22/2004 Time: 18:00
Comments: Drainage is dry

SITE TYPE: UPDES Permit discharge point

SITE: JC-3

Laboratory: CTE 59-26559 Period:UPDS
Sample Date: 06/28/2004 Time: 14:00 Reported: 07/12/2004 Received: 06/29/2004

SITE: UT0023540-001

Laboratory: CTE 59-26590 Period:UPDS
Sample Date: 07/01/2004 Time: 14:00 Reported: 07/21/2004 Received: 07/02/2004

Laboratory: CTE 59-26596 Period:UPDS
Sample Date: 07/07/2004 Time: 14:30 Reported: 07/21/2004 Received: 07/09/2004

Laboratory: CTE 59-26624 Period:UPDS
Sample Date: 07/15/2004 Time: 13:24 Reported: 08/05/2004 Received: 07/19/2004

Laboratory: CTE 59-26635 Period:UPDS
Sample Date: 07/21/2004 Time: 15:00 Reported: 08/06/2004 Received: 07/26/2004

Laboratory: CTE 59-26665 Period:UPDS
Sample Date: 07/28/2004 Time: 07:00 Reported: 08/05/2004 Received: 07/29/2004

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Laboratory: CTE 59-26670 Period:UPDS
Sample Date: 08/02/2004 Time: 14:45 Reported: 08/12/2004 Received: 08/03/2004

Laboratory: CTE 59-26693 Period:UPDS
Sample Date: 08/11/2004 Time: 16:00 Reported: 08/23/2004 Received: 08/12/2004

Laboratory: CTE 59-26727 Period:UPDS
Sample Date: 08/19/2004 Time: 10:10 Reported: 08/26/2004 Received: 08/20/2004

Laboratory: CTE 59-26747 Period:UPDS
Sample Date: 08/24/2004 Time: 15:05 Reported: 09/20/2004 Received: 08/26/2004

SITE: UT0023540-002

NO FLOW Date: 07/01/2004 Time: 16:40

NO FLOW Date: 07/07/2004 Time: 15:10

NO FLOW Date: 07/15/2004 Time: 16:40

NO FLOW Date: 07/21/2004 Time: 15:30

NO FLOW Date: 07/28/2004 Time: 16:30

NO FLOW Date: 08/02/2004 Time: 16:45

NO FLOW Date: 08/11/2004 Time: 16:35

NO FLOW Date: 08/19/2004 Time: 16:30

NO FLOW Date: 08/24/2004 Time: 16:30

SITE: UT0023540-003

NO FLOW Date: 07/01/2004 Time: 17:00

NO FLOW Date: 07/07/2004 Time: 15:25

NO FLOW Date: 07/15/2004 Time: 16:55

NO FLOW Date: 07/21/2004 Time: 15:50

NO FLOW Date: 07/28/2004 Time: 16:45

NO FLOW Date: 08/02/2004 Time: 16:45

NO FLOW Date: 08/11/2004 Time: 16:50

NO FLOW Date: 08/19/2004 Time: 16:40

NO FLOW Date: 08/24/2004 Time: 16:45

SITE: UT0023540-SUM

Laboratory: CTE 59-26665a Period:UPDS
Sample Date: 07/28/2004 Time: 07:10 Reported: 08/05/2004 Received: 07/29/2004

Laboratory: CTE 59-26727a Period:UPDS
Sample Date: 08/19/2004 Time: 10:15 Reported: 08/26/2004 Received: 08/20/2004

SITE TYPE: Well

SITE: 92-91-03

Laboratory: CTE 59-26504 Period:OPER
Sample Date: 06/22/2004 Time: 18:15 Reported: 07/12/2004 Received: 06/23/2004

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SITE: JC-1

Laboratory: CTE 59-26558 Period:OPER
 Sample Date: 06/28/2004 Time: Reported: 07/12/2004 Received: 06/29/2004

SITE: JC-1 AGE DATING

Laboratory: OTH 1921.02 Period:OPER
 Sample Date: 06/28/2004 Time: 13:45 Reported: 08/17/2004 Received: 07/21/2004

SITE: W2-1

Laboratory: FLD 20040628-1 Period:OPER
 Sample Date: 06/28/2004 Time: 12:30 Reported: Received:

SITE: W20-28-1

Laboratory: FLD 20040623-M Period:OPER
 Sample Date: 06/23/2004 Time: 18:50 Reported: Received:

SITE: W20-4-1

Laboratory: FLD 20040624-B Period:OPER
 Sample Date: 06/24/2004 Time: 14:50 Reported: Received:

SITE: W20-4-2

Laboratory: FLD 20040624-C Period:OPER
 Sample Date: 06/24/2004 Time: 12:30 Reported: Received:

SITE: W79-10-1b

Laboratory: FLD 20040622-5 Period:OPER
 Sample Date: 06/22/2004 Time: 15:05 Reported: Received:

SITE: W79-14-2a

Laboratory: FLD 20040624-7 Period:OPER
 Sample Date: 06/24/2004 Time: 11:10 Reported: Received:

SITE: W79-26-1

Laboratory: FLD 20040624-9 Period:OPER
 Sample Date: 06/24/2004 Time: 18:00 Reported: Received:

SITE: W79-35-1A

Laboratory: FLD 20040624-8 Period:OPER
 Sample Date: 06/24/2004 Time: 19:15 Reported: Received:

SITE: W79-35-1B

Laboratory: FLD 20040624-A Period:OPER
 Sample Date: 06/24/2004 Time: 18:45 Reported: Received:

SITE: W91-26-1

Laboratory: FLD 20040622-6 Period:OPER
 Sample Date: 06/22/2004 Time: 12:00 Reported: Received:

SITE: W91-35-1

Laboratory: FLD 20040622-7 Period:OPER
 Sample Date: 06/22/2004 Time: 13:50 Reported: Received:

SITE: W99-21-1

Laboratory: FLD 20040623-K Period:OPER
 Sample Date: 06/23/2004 Time: 16:00 Reported: Received:

SITE: W99-28-1

Laboratory: FLD 20040623-L Period:OPER
 Sample Date: 06/23/2004 Time: 18:20 Reported: Received:

SITE: W99-4-1

Laboratory: FLD 20040624-D Period:OPER
 Sample Date: 06/24/2004 Time: 15:10 Reported: Received: