

0016

**From:** Dana Dean  
**To:** Rhett Crane  
**Date:** 8/8/2006 4:57:31 PM  
**Subject:** Re: 2nd Qtr. Water Monitoring

Outgoing OK  
C0150015- 2596  
cc: C0150007- 2618

Rhett,

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

It seems like you have included all required samples and parameters for the second quarter of 2006. This will be verified by the assigned hydrologist, you may want to verify for yourself first to avoid having delinquent data. If you do not know how to check the data in the database, please let me know and I can send you instructions.

Please let me know if you have any questions.

Thank you,

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

>>> "Crane, Rhett" <RhettCrane@consolenergy.com> 8/8/2006 9:58 AM >>>  
Pam,

The water monitoring results are in the pipeline for Consol Energy's Emery Mine. If there is anything else we need please let myself or Russell Hardy know. Thank you.

Rhett

**CC:** Steve Christensen; Steve Demczak

SITE: SM1-3  
Laboratory: CTE 59-28913 Period:OPER  
Sample Date: 06/28/2006 Time: 09:13 Reported: 07/06/2006 Received: 06/28/2006

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= SITE: SM1-4  
Laboratory: CTE 59-28912 Period:OPER  
Sample Date: 06/28/2006 Time: 08:48 Reported: 07/06/2006 Received: 06/28/2006

SITE: T1-B  
Laboratory: FLD 20060628-1 Period:OPER  
Sample Date: 06/28/2006 Time: 11:47 Reported: Received:

SITE: T2-B  
Laboratory: FLD 20060628-5 Period:OPER  
Sample Date: 06/28/2006 Time: 11:38 Reported: Received:

SITE: TP-U  
DRY WELL Date: 06/28/2006 Time: 11:49

SITE: USGS 1-2  
DRY WELL Date: 06/28/2006 Time: 09:30  
Comments: 29.5' deep and dry

SITE: USGS 3-1  
Laboratory: FLD 20060628-4 Period:OPER  
Sample Date: 06/28/2006 Time: 09:32 Reported: Received:

SITE: USGS 4-1  
Laboratory: FLD 20060628-3 Period:OPER  
Sample Date: 06/28/2006 Time: 09:29 Reported: Received:

SITE: WW1  
Laboratory: FLD 20060630-3 Period:OPER  
Sample Date: 06/30/2006 Time: 10:50 Reported: Received:

SITE: ZZ-L  
NO ACCESS Date: 06/30/2006 Time: 08:33  
Comments: Broken

Sample Date: 06/29/2006 Time: 10:50 Reported: 07/14/2006 Received: 06/29/2006

SITE: LEWIS-U

NO ACCESS Date: 06/29/2006 Time: 08:31

Comments: No Access to sample

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SITE: MUDDY1

Laboratory: FLD 20060630-2 Period:OPER

Sample Date: 06/30/2006 Time: 08:31 Reported: Received:

SITE: MUDDY2

NO ACCESS Date: 06/28/2006 Time: 10:00

Comments: Buried by county road

SITE: R1-L

Laboratory: FLD 20060629-E Period:OPER

Sample Date: 06/29/2006 Time: 08:45 Reported: Received:

Comments: Measured by pressure guage (50 PSI)

SITE: R2-B

Laboratory: FLD 20060629-4 Period:OPER

Sample Date: 06/29/2006 Time: 08:49 Reported: Received:

SITE: R2-M

Laboratory: FLD 20060629-A Period:OPER

Sample Date: 06/29/2006 Time: 10:27 Reported: Received:

SITE: R2-U

DRY WELL Date: 06/29/2006 Time: 10:34

Comments: 491.0' deep and dry

SITE: RDA1

Laboratory: CTE 59-28915 Period:OPER

Sample Date: 06/28/2006 Time: 10:33 Reported: 07/07/2006 Received: 06/28/2006

SITE: RDA2

Laboratory: CTE 59-28916 Period:OPER

Sample Date: 06/28/2006 Time: 10:41 Reported: 07/07/2006 Received: 06/28/2006

SITE: RDA3

Laboratory: CTE 59-28917 Period:OPER

Sample Date: 06/28/2006 Time: 10:54 Reported: 07/07/2006 Received: 06/28/2006

SITE: RDA4

Laboratory: CTE 59-28918 Period:OPER

Sample Date: 06/28/2006 Time: 11:01 Reported: 07/07/2006 Received: 06/28/2006

SITE: RDA5

Laboratory: CTE 59-28919 Period:OPER

Sample Date: 06/28/2006 Time: 11:10 Reported: 07/07/2006 Received: 06/28/2006

SITE: RDA6

Laboratory: CTE 59-28920 Period:OPER

Sample Date: 06/28/2006 Time: 11:21 Reported: 07/07/2006 Received: 06/28/2006

SITE: SM1-1

Laboratory: FLD 20060628-2 Period:OPER

Sample Date: 06/28/2006 Time: 09:49 Reported: Received:

Comments: Not enough water to sample.

SITE: SM1-2

DRY WELL Date: 06/28/2006 Time: 10:00

SITE: AA-U  
Laboratory: FLD 20060629-5 Period:OPER  
Sample Date: 06/29/2006 Time: 11:27 Reported: Received:  
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= SITE: BRYANT-U  
Laboratory: FLD 20060630-1 Period:OPER  
Sample Date: 06/30/2006 Time: 09:58 Reported: Received:  
Comments: No access to sample

SITE: EMRIA1  
Laboratory: FLD 20060630-4 Period:OPER  
Sample Date: 06/30/2006 Time: 09:35 Reported: Received:

SITE: EMRIA2  
Laboratory: CTE 59-28914 Period:OPER  
Sample Date: 06/28/2006 Time: 10:05 Reported: 07/17/2006 Received: 06/28/2006

SITE: EMRIA3  
Laboratory: FLD 20060630-5 Period:OPER  
Sample Date: 06/30/2006 Time: 09:10 Reported: Received:

SITE: FC346WW  
Laboratory: FLD 20060630-6 Period:OPER  
Sample Date: 06/30/2006 Time: 09:20 Reported: Received:

SITE: H-B  
Laboratory: FLD 20060629-2 Period:OPER  
Sample Date: 06/29/2006 Time: 13:29 Reported: Received:

SITE: H-L  
Laboratory: FLD 20060629-C Period:OPER  
Sample Date: 06/29/2006 Time: 13:39 Reported: Received:  
Comments: Oil in Well

SITE: H-M  
Laboratory: FLD 20060629-8 Period:OPER  
Sample Date: 06/29/2006 Time: 13:45 Reported: Received:

SITE: H-U  
Laboratory: FLD 20060629-6 Period:OPER  
Sample Date: 06/29/2006 Time: 13:42 Reported: Received:

SITE: I-B  
Laboratory: FLD 20060629-3 Period:OPER  
Sample Date: 06/29/2006 Time: 12:28 Reported: Received:  
Comments: Oil in well

SITE: I-L  
Laboratory: FLD 20060629-D Period:OPER  
Sample Date: 06/29/2006 Time: 12:30 Reported: Received:

SITE: I-M  
Laboratory: FLD 20060629-9 Period:OPER  
Sample Date: 06/29/2006 Time: 12:39 Reported: Received:

SITE: I-U  
Laboratory: FLD 20060629-F Period:OPER  
Sample Date: 06/29/2006 Time: 12:35 Reported: Received:  
Comments: Sample pipe broken

SITE: KEMMERER-L  
Laboratory: CTE 59-28936 Period:OPER

Comments: No Discharge for the month of April

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= NO FLOW Date: 05/01/2006 Time: 10:13  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:13  
Comments: No Discharge for the month of June

SITE: UT0022616-006

NO FLOW Date: 04/03/2006 Time: 12:21  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:20  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:18  
Comments: No Discharge for the month of June

SITE: UT0022616-007

NO FLOW Date: 04/03/2006 Time: 12:28  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:22  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:21  
Comments: No Discharge for the month of June

SITE: UT0022616-008

NO FLOW Date: 04/03/2006 Time: 12:31  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:27  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:29  
Comments: No Discharge for the month of June

SITE: UT0024040-001

NO FLOW Date: 04/03/2006 Time: 12:05  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:07  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:07  
Comments: No Discharge for the month of June

**SITE TYPE: Well**

SITE: AA-B

Laboratory: FLD 20060629-1 Period:OPER

Sample Date: 06/29/2006 Time: 11:28 Reported: Received:

SITE: AA-L

Laboratory: FLD 20060629-B Period:OPER

Sample Date: 06/29/2006 Time: 11:30 Reported: Received:

SITE: AA-M

Laboratory: FLD 20060629-7 Period:OPER

Sample Date: 06/29/2006 Time: 11:29 Reported: Received:

Comments: Oil in Well

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= Laboratory: CTE 59-28689 Period:UPDS  
Sample Date: 05/01/2006 Time: 09:49 Reported: 05/09/2006 Received: 05/01/2006  
  
Laboratory: CTE 59-28725 Period:UPDS  
Sample Date: 05/15/2006 Time: 09:35 Reported: 05/19/2006 Received: 05/15/2006  
  
Laboratory: CTE 59-28790 Period:UPDS  
Sample Date: 06/01/2006 Time: 11:50 Reported: 06/07/2006 Received: 06/01/2006  
  
Laboratory: CTE 59-28816 Period:UPDS  
Sample Date: 06/15/2006 Time: 09:34 Reported: 06/26/2006 Received: 06/15/2006  
  
Laboratory: CTE 59-28954 Period:UPDS  
Sample Date: 06/30/2006 Time: 11:05 Reported: 07/12/2006 Received: 06/30/2006

## SITE: UT0022616-002

NO FLOW Date: 04/03/2006 Time: 12:00  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:02  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:01  
Comments: No Discharge for the month of June

## SITE: UT0022616-003

Laboratory: CTE 59-28645 Period:UPDS  
Sample Date: 04/03/2006 Time: 11:08 Reported: 04/13/2006 Received: 04/03/2006

Laboratory: CTE 59-28655 Period:UPDS  
Sample Date: 04/17/2006 Time: 09:30 Reported: 04/19/2006 Received: 04/17/2006

Laboratory: CTE 59-28691 Period:UPDS  
Sample Date: 05/01/2006 Time: 09:05 Reported: 05/09/2006 Received: 05/01/2006

Laboratory: CTE 59-28726 Period:UPDS  
Sample Date: 05/15/2006 Time: 10:05 Reported: 05/19/2006 Received: 05/15/2006

Laboratory: CTE 59-28789 Period:UPDS  
Sample Date: 06/01/2006 Time: 11:23 Reported: 06/07/2006 Received: 06/01/2006

Laboratory: CTE 59-28815 Period:UPDS  
Sample Date: 06/15/2006 Time: 09:06 Reported: 06/26/2006 Received: 06/15/2006  
Comments: BH

Laboratory: CTE 59-28955 Period:UPDS  
Sample Date: 06/30/2006 Time: 11:30 Reported: 07/07/2006 Received: 06/30/2006

## SITE: UT0022616-004

NO FLOW Date: 04/03/2006 Time: 12:10  
Comments: No Discharge for the month of April

NO FLOW Date: 05/01/2006 Time: 10:10  
Comments: No Discharge for the month of May

NO FLOW Date: 06/01/2006 Time: 12:10  
Comments: No Discharge for the month of June

## SITE: UT0022616-005

NO FLOW Date: 04/03/2006 Time: 12:18

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**OWNER: CONSOLIDATION COAL CO.**  
**MINE: EMERY DEEP**

**SITE TYPE: Spring**

SITE: BRYANT #1 SP-10  
NO FLOW Date: 06/27/2006 Time: 09:56

SITE: BRYANT #2 SP-11  
NO FLOW Date: 06/27/2006 Time: 10:03

SITE: CHRSTNSN SP-15  
NO FLOW Date: 06/27/2006 Time: 09:30

SITE: EMERY #1 SP-14  
NO FLOW Date: 06/27/2006 Time: 09:39

SITE: EMERY #2 SP-13  
NO FLOW Date: 06/27/2006 Time: 09:46

**SITE TYPE: Stream**

SITE: 1  
Laboratory: CTE 59-28863 Period:OPER  
Sample Date: 06/22/2006 Time: 10:06 Reported: 06/30/2006 Received: 06/22/2006

SITE: 10  
Laboratory: CTE 59-28865 Period:OPER  
Sample Date: 06/22/2006 Time: 10:06 Reported: 06/30/2006 Received: 06/22/2006

SITE: 1A  
Laboratory: CTE 59-28864 Period:OPER  
Sample Date: 06/22/2006 Time: 10:37 Reported: 06/30/2006 Received: 06/22/2006

SITE: 2  
Laboratory: CTE 59-28862 Period:OPER  
Sample Date: 06/22/2006 Time: 09:53 Reported: 06/30/2006 Received: 06/22/2006

SITE: 3  
Laboratory: CTE 59-28860 Period:OPER  
Sample Date: 06/22/2006 Time: 09:22 Reported: 06/30/2006 Received: 06/22/2006

SITE: 4  
Laboratory: CTE 59-28861 Period:OPER  
Sample Date: 06/22/2006 Time: 09:35 Reported: 06/30/2006 Received: 06/22/2006

SITE: 5  
Laboratory: CTE 59-28859 Period:OPER  
Sample Date: 06/22/2006 Time: 09:06 Reported: 06/30/2006 Received: 06/22/2006

SITE: 8  
NO FLOW Date: 06/22/2006 Time: 10:29

SITE: 9  
NO FLOW Date: 06/22/2006 Time: 11:21

**SITE TYPE: UPDES Permit discharge point**

SITE: UT0022616-001  
Laboratory: CTE 59-28644 Period:UPDS  
Sample Date: 04/03/2006 Time: 11:40 Reported: 04/13/2006 Received: 04/03/2006

Laboratory: CTE 59-28656 Period:UPDS  
Sample Date: 04/17/2006 Time: 09:50 Reported: 04/19/2006 Received: 04/17/2006