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*Incoming
C/015/0015*

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Date: 3/2/2009 5:50 PM
Subject: Emery Subsidence report
Attachments: Emery Subsidence 01-2009.pdf

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Attached please find the monthly subsidence report for the Emery Mine.

Thank You,
-Russell

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Consolidation Coal Emery Mine Subsidence Report for January 2009

1-15-09 6th West – No new cracks found. Area is snow covered. Pictures taken. JJ



1-22-09 6th West – New small cracks were found. JJ

1-29-09 6th West – Small cracks from last week have grown larger. Pictures taken camera case is three inches by four inches. JJ





2-5-09

6th West – New cracks found most are about ½ inch wide. Pictures taken. JJ



2-12-09

Panel 12 West – No cracks found. We just started pillaring this section. JJ

6th West – New cracks were found. Cracks appear to be ½ inch wide and following the face retreat. Pictures taken. JJ



Below is a summary of the flow data from SP-10 collected by Karla Knoop, from JBR Environmental.

Consol Emery Mine
 Panel 14th West
 Bryant No. 1
 Flow Measurements made at dam
 breach
 Measurements taken by Karla Knoop

Date	Flow (gpm)
6/13/2007	77
7/24/2007	52
8/28/2007	75
9/20/2007	69
10/19/2007	59
11/15/2007	54
12/17/07	frozen
1/15/08	Flowing under, over & through ice/snow; can't measure, but flow appears to be similar to the November flow rate.
2/26/08	67
3/21/2008	90
4/24/08	35
5/22/08	255
6/25/08	230
7/16/08	355
8/14/08	275
9/10/2008	190
10/21/08	117
11/19/08	48
12/11/08	56
1/21/09	34