OGMCOAL - Crandall Canyon WQ: UPDES Sample Changed April 15th, 2011 in DOGM database

From: Ken Hoffman
To: OGMCOAL
Date: 1/5/2012 5:58 PM
Subject: Crandall Canyon WQ: UPDES Sample Changed April 15th, 2011 in DOGM database
Attachments: Crandall Canyon WQ: UPDES Sample Change April 15th, 2011; UPDES-001 2011-q2 April 15 2011 before changes.pdf; UPDES-001 2011-q2 April 15 2011 flow changed.pdf

In accordance with the attached correspondence with Dana Marrelli the Crandall Mine April 15, 2011 flow at UPDES-001 at was updated in the DOGM database on January 5, 2011 to a value of no flow.

Ken Hoffman
State of Utah
Division of Oil, Gas, and Mining
(801) 538-5345

CRANDALL CANYON

SITE TYPE	SITE NAME	SURFACE/GROUND /UPDES	SITE DESCRIPTION
UPDES Permit discharge point	UT0024368-001	UPDES	SED POND Q TO CRANDALL CREEK

SPECIFIC SITE PARAMETERS HAVE BEEN SET.

PERIOD	LAB CODE	DATE	TIME	T-Fe mg/l	Wat. Temp Deg. C	F-pH pH units	F-D.O. mg/l	Cond(FLD) umhos/cm	Dry Well	Flow GPM	No Access	L-pH pH units	TSS mg/l	NO2+NO3 N mg/l	O/G mg/l	NH3 mg/l	D-As mg/l	D-B mg/l	D-Cd mg/l	D-Ca mg/l	D-Cu mg/l	D-Fe mg/l	D-Pb mg/l	D-Mg mg/l	D-Mn mg/l	D-K mg/l	D-Se mg/l	D-Na mg/l	D-Zn mg/l	Bicarb mg/l	Acidity mg/l	Carb mg/l	Cl mg/l	NO3 mg/l	NO2 mg/l	O-PO4 mg/l	SO4 mg/l	T-Alk mg/l	T-Hardns mg/l	L-Turb. NTU	F-Turb. NTU	L-Sp. Cond umhos/cm	TDS mg/l	Bcrb CaCO3 mg/l	Carb CaCO3 mg/l	Set Solids ml/l	T-Vol.Sol. mg/l	D-Al mg/l	D-Mo mg/l	T-Cats meq/l	T-Anis meq/l	Cat-Ani PC DIFF	T-Al mg/l	T-As mg/l	T-Cd mg/l	T-Pb mg/l	T-Mn mg/l	T-Ni ug/l	T-B mg/l	CO3 Solids mg/l	FLOW-AVDMR GPM	T-Iron30Da mg/l	F-Air Temp Deg. C
UPDS	SGS	07/11/2011	1306	0.74	18.	8.1	6.34	755.	--NREQ--	40.	--NREQ--	--NREQ--	62.	--NREQ--	<5.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	<0.03	--NREQ--	--NREQ--	0.015	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	141.	234.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	472.	229.	5.	--NREQ--	--NREQ--	<0.03	--NREQ--	--NREQ--	--NREQ--	--NREQ--	1.04	--NREQ--	--NREQ--	--NREQ--	0.041	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--
	Flow	GPM	40.	Total gallons pumped																																																												
UPDS	NOF	08/22/2011	0100	----NOF ----																																																												
UPDS	NOF	09/30/2011	1030	----NOF ----																																																												
UPDS	NOF	10/24/2011	0200	----NOF ----																																																												
UPDS	NOF	11/28/2011	0100	----NOF ----																																																												
UPDS	NOF	12/27/2011	0100	----NOF ----																																																												
UPDS	SGS	06/15/2011	0915	0.44	18.	8.8	8.01	688.	--NREQ--	40.	--NREQ--	--NREQ--	39.	--NREQ--	<5.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	<0.03	--NREQ--	--NREQ--	0.013	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	131.	185.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	441.	185.	<5.	--NREQ--	--NREQ--	<0.03	--NREQ--	--NREQ--	--NREQ--	--NREQ--	0.41	--NREQ--	--NREQ--	--NREQ--	0.043	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--
PERIOD	LAB CODE	DATE	TIME	T-Fe mg/l	Wat. Temp Deg. C	F-pH pH units	F-D.O. mg/l	Cond(FLD) umhos/cm	Dry Well	Flow GPM	No Access	L-pH pH units	TSS mg/l	NO2+NO3 N mg/l	O/G mg/l	NH3 mg/l	D-As mg/l	D-B mg/l	D-Cd mg/l	D-Ca mg/l	D-Cu mg/l	D-Fe mg/l	D-Pb mg/l	D-Mg mg/l	D-Mn mg/l	D-K mg/l	D-Se mg/l	D-Na mg/l	D-Zn mg/l	Bicarb mg/l	Acidity mg/l	Carb mg/l	Cl mg/l	NO3 mg/l	NO2 mg/l	O-PO4 mg/l	SO4 mg/l	T-Alk mg/l	T-Hardns mg/l	L-Turb. NTU	F-Turb. NTU	L-Sp. Cond umhos/cm	TDS mg/l	Bcrb CaCO3 mg/l	Carb CaCO3 mg/l	Set Solids ml/l	T-Vol.Sol. mg/l	D-Al mg/l	D-Mo mg/l	T-Cats meq/l	T-Anis meq/l	Cat-Ani PC DIFF	T-Al mg/l	T-As mg/l	T-Cd mg/l	T-Pb mg/l	T-Mn mg/l	T-Ni ug/l	T-B mg/l	CO3 Solids mg/l	FLOW-AVDMR GPM	T-Iron30Da mg/l	F-Air Temp Deg. C
UPDS	NOF	05/31/2011	1115	----NOF ----																																																												
UPDS	SGS	04/15/2011	1130	1.25	11.	8.6	9.7	206.	--NREQ--	55.	--NREQ--	--NREQ--	80.	--NREQ--	<5.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	0.06	--NREQ--	--NREQ--	0.006	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	85.	113.	--NREQ--	--NREQ--	--NREQ--	--NREQ--	292.	113.	<5.	--NREQ--	--NREQ--	0.09	--NREQ--	--NREQ--	--NREQ--	--NREQ--	0.77	--NREQ--	--NREQ--	--NREQ--	0.058	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--	--NREQ--
UPDS	NOF	03/28/2011		----NOF ----																																																												

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