



OGMCOAL DNR <ogmcoal@utah.gov>

Fwd: Monitoring Report

1 message

Amanda Daniels <amandadaniels@utah.gov>
To: Keenan Storrar <kstorrar@utah.gov>
Cc: OGMCOAL DNR <ogmcoal@utah.gov>

Thu, Oct 2, 2014 at 2:37 PM

----- Forwarded message -----

From: **Kirk Nicholes** <knicholes@altoncoal.com>
Date: Thu, Oct 2, 2014 at 2:36 PM
Subject: Monitoring Report
To: "Amanda Daniels (amandadaniels@utah.gov)" <amandadaniels@utah.gov>

Hello Amanda,

Attached is the report for additional monitoring associated with the highwall machine for September.

Thank You

Kirk Nicholes

Environmental Specialist

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Additional Monitoring for Highwall Mineing (ACD).pdf
125K

Site	Date	Time	Flow (gpm)	Water level (ft below top of casing)	Comments
SP-40 (Sorensen Spring)	2-Sep-14	9:14	0.27	---	
SP-8 (Dame's Spring)	2-Sep-14	10:18	16.9	---	
SP-14	2-Sep-14	8:50	Seep	---	ponded, water outside pond
SP-20	2-Sep-14	9:23	6	---	
SP-22	2-Sep-14	9:31	0.62	---	No outflow from excavated seep area
Y-61	2-Sep-14	9:10	---	-9.82 (4.25 psi)	Flowing artesian conditions
C2-15	2-Sep-14	9:39	---	12.32	
C2-28	2-Sep-14	9:40	---	11.88	
C2-40	2-Sep-14	9:48	---	11.72	
C3-15	2-Sep-14	9:57	---	7.65	
C3-30	2-Sep-14	9:58	---	8.12	
C3-40	2-Sep-14	9:59	---	8.04	
C4-15	2-Sep-14	10:10	---	7.13	
C4-30	2-Sep-14	10:11	---	7.04	
C4-50	2-Sep-14	10:12	---	6.39	

SP-40 (Sorensen Spring)	8-Sep-14	8:31	0.28	---	
SP-8 (Dame's Spring)	8-Sep-14	9:37	16.3	---	
SP-14	8-Sep-14	8:19	Seep	---	ponded, water outside pond
SP-20	8-Sep-14	8:39	6	---	
SP-22	8-Sep-14	8:48	0.58	---	No outflow from excavated seep area
Y-61	8-Sep-14	8:27	---	-9.82 (4.25 psi)	Flowing artesian conditions
C2-15	8-Sep-14	8:54	---	12.42	
C2-28	8-Sep-14	8:55	---	11.97	
C2-40	8-Sep-14	8:56	---	11.81	
C3-15	8-Sep-14	9:14	---	7.81	
C3-30	8-Sep-14	9:15	---	8.25	
C3-40	8-Sep-14	9:16	---	8.2	
C4-15	8-Sep-14	9:29	---	7.34	
C4-30	8-Sep-14	9:30	---	7.23	
C4-50	8-Sep-14	9:31	---	6.54	

SP-40 (Sorensen Spring)	15-Sep-14	8:57	0.28	---	
SP-8 (Dame's Spring)	15-Sep-14	9:51	16.3	---	
SP-14	15-Sep-14	8:45	Seep	---	ponded, water outside pond
SP-20	15-Sep-14	9:07	6	---	
SP-22	15-Sep-14	9:14	0.83	---	No outflow from excavated seep area
Y-61	15-Sep-14	8:54	---	-9.82 (4.25 psi)	Flowing artesian conditions
C2-15	15-Sep-14	9:21	---	12.48	
C2-28	15-Sep-14	9:22	---	12.00	
C2-40	15-Sep-14	9:24	---	11.86	
C3-15	15-Sep-14	9:32	---	7.69	
C3-30	15-Sep-14	9:33	---	8.02	
C3-40	15-Sep-14	9:34	---	8.14	
C4-15	15-Sep-14	9:44	---	7.33	
C4-30	15-Sep-14	9:45	---	7.18	
C4-50	15-Sep-14	9:46	---	6.46	

SP-40 (Sorensen Spring)	22-Sep-14	3:16	0.29	---	
SP-8 (Dame's Spring)	22-Sep-14	4:10	16.4	---	
SP-14	22-Sep-14	3:05	seep	---	ponded, water outside pond
SP-20	22-Sep-14	3:27	6	---	
SP-22	22-Sep-14	3:34	0.54	---	No outflow from excavated seep area
Y-61	22-Sep-14	3:13	---	-9.82 (4.25 psi)	Flowing artesian conditions
C2-15	22-Sep-14	3:42	---	12.54	
C2-28	22-Sep-14	3:43	---	12.08	
C2-40	22-Sep-14	3:45	---	11.94	
C3-15	22-Sep-14	3:51	---	7.63	
C3-30	22-Sep-14	3:52	---	8.09	
C3-40	22-Sep-14	3:53	---	7.98	
C4-15	22-Sep-14	4:04	---	7.32	
C4-30	22-Sep-14	4:05	---	7.16	
C4-50	22-Sep-14	4:06	---	6.04	

SP-40 (Sorensen Spring)	29-Sep-14	13:53	0.28	---	
SP-8 (Dame's Spring)	30-Sep-14	14:10	16.2	---	
SP-14	29-Sep-14	13:44	Seep	---	ponded, water outside pond
SP-20	29-Sep-14	14:15	6	---	
SP-22	29-Sep-14	14:18	0.63	---	No outflow from excavated seep area
Y-61	29-Sep-14	13:51	---	-9.82 (4.25 psi)	Flowing artesian conditions
C2-15	29-Sep-14	14:27	---	12.59	
C2-28	29-Sep-14	14:28	---	12.2	
C2-40	29-Sep-14	14:28	---	12.02	
C3-15	30-Sep-14	13:54	---	7.44	
C3-30	30-Sep-14	13:55	---	7.83	
C3-40	30-Sep-14	13:56	---	7.96	
C4-15	30-Sep-14	14:05	---	7.15	
C4-30	30-Sep-14	14:06	---	7.00	
C4-50	30-Sep-14	14:06	---	6.78	