



COAL VALLEY RESOURCES INC. – *Obed Mountain Mine*
 A Subsidiary of WESTMORELAND COAL COMPANY

Weekly Update Report : November 13th – November 19th , 2014








Prepared on: November 19th, 2014 Prepared by: Kari McDonald

Health and Safety:

- Please pay attention to changing road and weather conditions

Weather

Current weather conditions are not forecasted for this weekend.

	Thu Nov 20	Fri Nov 21	Sat Nov 22	Sun Nov 23	Mon Nov 24	Tue Nov 25	Wed Nov 26
	Ice pellets	Mainly sunny	Scattered flurries	Mainly sunny	A mix of sun and clouds	A few flurries	Scattered flurries
							
	3^{°C}	5^{°C}	-2^{°C}	0^{°C}	-1^{°C}	-3^{°C}	-4^{°C}
Feels like	1	2	-4	-4	-5	-8	-6
Low	-6^{°C}	-4^{°C}	-7^{°C}	-10^{°C}	-10^{°C}	-11^{°C}	-11^{°C}
P.O.P	40%	20%	80%	20%	30%	40%	40%
24 hr Snow	-	<1 cm	1-3 cm	-	-	~1 cm	~5 cm
Wind	SW 15 km/h	W 15 km/h	N 10 km/h	W 15 km/h	W 10 km/h	SW 15 km/h	SW 5 km/h
Hours of Sun	1	6	1	5	3	3	2

Sampling and Monitoring Activities

- Monitoring as prescribed by the LT Sampling and Monitoring Program is ongoing.
- Analysis of field data collection is ongoing.
- Winter sampling and monitoring (EPEA) is ongoing.

Personnel (during the period):

- Backwoods – 4,

Operations

Operations Update:

- Levelling in Silver Pit
- Main Tailings Pond Spillway rebuilt, wier installed and water flowing clean out of Main Tailings Pond.



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- Spillway designed to convey 1:1000 storm with 1 meter of freeboard on the Main Tailings Pond Dam
- Spillway allows for water quality management by installation of rectangular wier while still fulfilling requirements of freeboard for the dam
- Photos of completed spillway below
- Green Pit Spillway work has commenced
- ECP Completed, Photos below
- Main Office personnel moved into Main Shop, sign in is now at Main Shop
- Mine is in frozen conditions with minimal flows



Main Tailings Pond Spillway with flow, Rectangular Weir in Background



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Main Tailings Pond Weir with Boards Removed and Clean Discharge



Completed ECP Weir and Culvert Repair: Installation of ½ Round Culvert

Environment

- AER FIS was completed on October 21, 2014
- 3 year Reclamation Plan is under development



AER – Questions Regarding Data Sonde

1. If the figures are being included on the website, I think it's important to indicate significant events (e.g., water level dropping, probe damaged, etc.) somewhere on the graphs to help explain significant changes in the data.

RESPONSE

Where possible we will indicate 'significant' events either on the graph or in an accompanying table.

2. In the report, they note that ATR-PLC was tampered with and inoperable. It appears the data set is complete though. Can they comment on what the impacts of this tampering were on the data, if any?

RESPONSE

ATR-PLC was inoperable from Sept 16 to Sept 21. Figures provided show a data gap during that period. The sonde was not damaged; however it was manually disconnected from the logger station.

3. Aside from some erratic data due to probes ending up above the water line, there were some changes in the data which do not appear to follow this pattern. Particularly turbidity at ATR-D2, APC, Plante Creek, and PLC-US experienced a step-wise drop in concentrations in mid-October which did not appear to be observed for other parameters or not to the same extent. Can they explain the reason for the drop in turbidity (probes changed out, cleaned, etc.)?

RESPONSE

The sondes were calibrated during the weeks of October the 6th and October 15th (Kari, calibration dates are noted on the individual tabs for each sonde). Sediment buildup was noted at ATR-D2. ATR-D2 was cleaned at placed on several cinderblock to keep it elevated off the bottom. Please note that Hatfield attempted to remove ATR-D2 on November 13th but the sonde cables were frozen to the substrate. ATR-D2 appears to be operating correctly and will be inspected monthly, when possible. APC was calibrated on Oct 17th, sediment accumulation was noted on the sonde as well and it was cleaned and repositioned. Plante Creek was calibrated on Oct 16th, step-wise drop minimal and within operating limits. PLC_US was calibrated on Oct 16th, step-wise drop minimal and within operating limits. Sonde was near the water level and was repositioned to deeper water.



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EPO Communications Weekly Summary

Table 1 – Communications and Regulatory Summary

Title	Due	Description	Status
TFA > LOC update	January 2015	Request for confirmation from the AER that TFA's specific to Sediment traps require an amendment to LOC or is an extension to the TFA more feasible	In development – on track AER written response will be required.
HHRA – Updated Plan	November 17 th , 2014	The HHRA resubmission to AH is tentatively scheduled for November 17 th . This date will be confirmed after the Fish Sampling and monitoring plan has received agreement from AH.	Submitted to AH Technical discussion slated for December 5 th .
Sampling and Monitoring Reduction (Obed Sub # 36 and 38)	Submit to the AER Oct. 30 th	The request will focus on the reduction of sampling, and inspection to align with inactive periods during the winter season.	Submitted – AER written response required Partial response, EPO Data Sonde removal received in writing.
Fish Sampling and Monitoring Report – Final Report Submission	Submitted October 31 st , 2014	HHRA progress development and design concepts were discussed during the October 8 th conference call.	Submitted - AER Response required
Water Act Notification	October 14 th	COP Notification – Silt Curtain Removal	Complete
Quarterly Report	October 15 th	Quarterly data and progress report.	Complete
Monthly EPO Conference Call	September 11 th	Monthly progress and status call	Completed Notes Submitted to the AER
Drift Pile First Nations	October 15 th	Tour Sediment Traps and discuss 2014-2015 requirements.	Complete
WATER ACT – 30 day report	November 25 th	Summary report detailing the completion of silt curtain removal as outlined in Water Act Approval – Sediment Trap Operations and Maintenance.	Complete
EPO Monthly Status Report	November 7 th	Clause 39 – Monthly Status Report as prescribed by the EPO	Complete