

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Jan-10	549

- No activities, due to wet site conditions.

CAMU Activity:

Day Shift

- Began dewatering and restoring haul roads.
- Continued crushing rock for gravel mulch.
- ESI liner crew, No work.
- Phase I and Phase II, Entact installing LCRS pipe, rock and fabric.
- Phase I and Phase II top, removing rock check dams and hay bales along the flow lines.
- Continued placing 1" minus final cover on geosynthetics at Phase I and Phase II. Top and east slope.
- Entact monitored LCRS, Phase I, Phase II and Phase IIIB and Phase V sumps. Pumped water from Phase V.

Night Shift:

- No activities, due to wet site conditions.

Embankment

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed:
- Phase II embankment, complete.

Sump/Vadose Monitoring:

Phase I: LCRS Sump: Measurement taken: (1,192) Water Pumped: (N/A).
Vadose: Measurement taken: (0,583) Water Pumped: (N/A).

Phase II: LCRS Sump: Measurement taken: (1,867) Water Pumped: (N/A).
Vadose: Measurement taken: (N/A) Water pumped: (N/A).

Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).
Vadose: Measurement taken: (N/A) Water Pumped: (N/A).

Phase V: LCRS Sump: Measurement taken: (2,917) Water Pumped: (1,400 gal).
Vadose: Measurement taken: (N/A) Water pumped: (N/A).

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I	Previous Daily Cumulative =	372,886 cy
	Operations layer placed (completed) for liner certification. = 21,662	0 cy
	Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =	cy
	To Date Phase I estimated cumulative waste placed =	372,886 cy
Phase II	Previous Daily Cumulative =	1,072,405 cy
	Operations layer placed (completed) for liner certification. = 37,188	cy
	Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =	cy
	Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =	cy
	To Date Phase II estimated cumulative waste placed =	1,072,405 cy
Phase IIIA	Previous Daily Cumulative =	222,174 cy
	Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	cy
	Operations layer placed (completed for liner certification = 21,276)	cy
	Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
Phase IIIB	Previous Daily Cumulative =	439,547 cy
	Operations layer placed (completed) for liner certification. = 21,978	cy
	Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	To Date Phase IIIB estimated cumulative waste placed =	439,547 cy
Phase IV	Previous Daily Cumulative =	434,225 cy
	Operations layer placed (completed) for liner certification = 37,314	cy
	Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	To Date Phase IV estimated cumulative waste placed =	434,225 cy
Phase V	Previous Daily Cumulative =	345,744 cy
	Operations layer placed (completed) for liner certification = 40,284	cy
	Daily Day shift waste placed from: Eastside and Galleria (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	To Date Phase V estimated cumulative waste placed =	345,744 cy
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey		123,750 cy

Cumulative Total To Date All Phases =	3,010,731 cy	Estimated Waste at Completion (cy)	2,900,000	% Complete	103.8%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Placed
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
Phase II (complete)			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
Phase IV			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
Phase V			
GCL	558,653	0	558,653

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB, North slope, placed for temporary storm run off.

Photo 2



CAMU: Phase I and Phase II, temporary check dams.

Photo 3



CAMU: Phase I and Phase II, top, LCRS Pipe installation.

Photo 4



CAMU: Phase II and Phase I, LCRS pipe installation and final cover soils.