

DAILY PRODUCTION & QUALITY CONTROL REPORT

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6389	BRC Eastside Common Areas Soils Remediation	29-Aug-09	410

- Beta Ditch, powerscreening 1" and 6" minus soils continued.
 - Western Hook, continue loading out OTR trucks and hauling to the CAMU for placement.
 - SW-12, pH: 6.

- Night Shift:
 - No Activity.

CAMU Activity:

- Day Shift:
 - Phase V, continued backfilling anchor trench.
 - Phase V, ESI liner crew installing GCL and Geomembrane liner.
 - Phase V, pushed out operations layer material.
 - Silt South landfill, continue grading on south slope.
 - Storm drain system 60", worked on subgrade for trash rack at Headwall #3.
 - Placed waste material from Western hook into Phase II.

- Night Shift:
 - No Activity.

Embankment
 - Phase I embankment, complete.
 - Phase I estimated cumulative embankment placed:
 - Phase II embankment, complete.

Sump/Vadose Monitoring:

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

Phase II: LCRS Sump: Measurement taken: (N/A) 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).

Insecoctions: CAMU: 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 =	311,862 cy
	Operations layer placed (completed) for liner certification = 21,662	0 cy
	Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 cy
	Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase I estimated cumulative waste placed =	311,862 cy
Phase II	Previous Daily Cumulative =	885,556 cy
	Operations layer placed (completed) for liner certification = 37,188	0 cy
	Daily Day shift waste placed today: From Western Hook (109) loads @ 18 cy/load (10) trucks =	1,962 cy
	Daily Day shift waste placed today: Silt Trenches, (0) loads @ 18cy/load (0) trucks =	0 cy
	Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase II estimated cumulative waste placed =	887,518 cy
Phase IIIA	Previous Daily Cumulative =	222,174 cy
	Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0 cy
	Operations layer placed (completed for liner certification = 21,276)	0 cy
	Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
Phase IIIB	Previous Daily Cumulative =	176,328 cy
	Operations layer placed (completed) for liner certification = 21,978	0 cy
	Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase IIIB estimated cumulative waste placed =	176,328 cy
Phase IV	Previous Daily Cumulative =	70,038 cy
	Operations layer placed (completed) for liner certification = 37,314	0 cy
	Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase IV estimated cumulative waste placed =	70,038 cy
Phase V	Previous Daily Cumulative =	9,288 cy
	Operations layer placed: (0) loads @ 18cy/load (0) trucks =	0 cy
	Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase V estimated cumulative waste placed =	9,288 cy

Cumulative Total To Date All Phases =	1,677,208 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	81.8%
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Geosynthetics Placed

	Previous	Placed	Cumulative Placed
Phase I (complete)			
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	450,000	48,000	498,000
Geomembrane	450,000	48,000	498,000
Geocomposite	300,000	0	300,000
Geotextile	0	0	0

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BMI North

GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468

BMI South

GCL	177,000	0	177,000
Geomembrane	177,000	0	177,000
Geocomposite	177,000	0	177,000

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
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CAMU Cover

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

	Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU Phases	3,613,785	87.1%	6,534,075	55.3%

HEALTH & SAFETY
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted

Safety Topic:
 Eastside Day: Discussed: Decon, hygiene.
 CAMU Day: Discussed: Decon, hygiene.
 Night shift CAMU & Eastside: Discussed: Slips, trips and falls. Getting in and getting out.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL
Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily COA Summary
 Monitor waste placement into the CAMU of eastside material on the day shift.
 Monitor waste placement into the CAMU of eastside material on the night shift.
 Monitor the installation of geosynthetics in Phase V.
 Monitor the installation of operational fill in Phase V on the night shift.
 Monitor the installation of operational fill in Phase V on the day shift.
 Monitor construction of storm drain at 60' Headwall #3.

ISSUES AND/OR ITEMS OF DISCUSSION
Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

Name	Organization	Purpose of Visit			

Report Prepared By / Title: **Richard Laubinger, Construction Manager** Date Prepared: **29-Aug-09** Signature: _____

- Weather Table**
- Sunny/Clear ☀
 - Sunny / Partly Cloudy ☁
 - Cloudy / Partly Sunny ☂
 - Cloudy ☁
 - Overcast ☁
 - Light Rain ☔
 - Rain ☔
 - Thunderstorms ⚡
 - Snow ❄

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase V, operations layer.

Photo 2



CAMU: Phase V, operations layer.

Photo 3



CAMU: Phase V.

Photo 4



CAMU: Phase V.