

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Oct-09	446

Night Shift:
 - Hauled material from Beta Ditch, WST-3, and WST-4 stockpiles.

CAMU Activity:

Day Shift:
 - Phase IIIA, grading and rolling slopes, preparing for liner.
 - Continued placing material from Western Hook into Phase IIIB.
 - Extract monitored leachate in Phase I and Phase II.

Night Shift:
 - Placed material in Phase I, Phase II, Phase IIIB and Phase IV.

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

Sump/Vadose Monitoring:
 Phase I: LCRS Sump: Measurement taken: (1.4) Water Pumped: (N/A).
 Vadose: Measurement taken: (0.6) Water Pumped: (N/A).
 Phase II: LCRS Sump: Measurement taken: (0.9) Water Pumped: (1,150 gal).
 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).

Inspections: CAMU: N/A.
 Eastside: Inspected perimeter fence, all secure.

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

Phase I	
Previous Daily Cumulative =	314,886 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: (0) loads @ 20 cy/load (0) trucks =	0 cy
Daily Night shift placed today: (8) loads @ 18cy/load (1) trucks =	144 cy
To Date Phase I estimated cumulative waste placed =	315,030 cy
Phase II	
Previous Daily Cumulative =	1,024,462 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (207) loads @ 18cy/load (19) trucks =	3,726 cy
To Date Phase II estimated cumulative waste placed =	1,028,188 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: (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 =	214,902 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed today from: Western Hook (131) loads @ 18 cy/load (11) trucks =	2,358 cy
Daily Night shift waste placed today: (125) loads @ 18cy/load (19) trucks =	2,250 cy
To Date Phase IIIB estimated cumulative waste placed =	219,510 cy
Phase IV	
Previous Daily Cumulative =	113,832 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (7) loads @ 18cy/load (5) trucks =	126 cy
To Date Phase IV estimated cumulative waste placed =	113,958 cy
Phase V	
Previous Daily Cumulative =	40,284 cy
Operations layer placed (completed) for liner certification = 40,284	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 =	40,284 cy

Cumulative Total To Date All Phases =	1,939,144 cy	Estimated Waste at Completion (cy)	2,400,000	% Complete	80.8%
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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	558,653	0	558,653
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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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	3,674,438	88.5%	6,534,075	56.2%

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

Safety Topic:
 Eastside Day: Discussed: Fire Extinguisher usage.
 CAMU Day: Discussed: Fire Extinguisher usage.
 Night shift CAMU & Eastside: Discussed: Pinch Points.

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 during the Night shift.
 Monitor waste placement into the CAMU of western hook material during the Day shift.
 Monitor the installation of interim cover and grading for CAMU closure on phase IIIA.
 Perform density testing as requested by Entact on Interim Cover.
 Perform eastside waste sampling as needed.

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

Night shift incident, ATV rolled over inside CAMU, under investigation.

SITE VISITORS

Name	Organization	Purpose of Visit			

Report Prepared By / Title: **Richard Laubinger, Construction Manager** Date Prepared: **5-Oct-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



Western Hook.

Photo 2



CAMU: Phase IIIB.

Photo 3



CAMU: Phase IIIA.

Photo 4



CAMU: Phase IIIA.