

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	30-Sep-09	441

- Continued excavating material from top of berms in SC-1 and SW-4.
 - Western Hook continued hauling stockpiled material to the CAMU with OTR trucks.

- Night Shift:
 - Hauled material from Beta Ditch, SC-1 and SW-7 stockpiles.

CAMU Activity:

- Day Shift
 - Continued placing material from Western Hook into Phase IV.
 - Continued placing interim cover on Phase II and Phase IIIA.
 - Continued finish grading in Phase IIIA.
 - Entact monitored leachate in Phase I and Phase II.
 - GES collected water samples from Phase II sump and monitoring well next to Phase I.

- Night Shift:
 - Placed material in 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: (2.2) 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).

Inspections: CAMU: N/A.
 Fenceline: Fence line on eastside perimeter inspected. 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: Phase IV,V scrape & Phase IIIB trench excavation, 0 loads @ 21 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 =	314,886 cy
Phase II	Previous Daily Cumulative =	1,013,698 cy
	Operations layer placed (completed) for liner certification = 37,188	0 cy
	Daily Day shift waste placed today: From Western Hook (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: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase II estimated cumulative waste placed =	1,013,698 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 =	202,788 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 =	202,788 cy
Phase IV	Previous Daily Cumulative =	103,806 cy
	Operations layer placed (completed) for liner certification = 37,314	0 cy
	Daily Day shift waste placed today: Western Hook, (148) loads @ 18 cy/load (14) trucks =	2,664 cy
	Daily Night shift waste placed today: (355) loads @ 18cy/load (18) trucks =	6,390 cy
	To Date Phase IV estimated cumulative waste placed =	112,860 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 =	1,906,690 cy	Estimated Waste at Completion (cy)	2,400,000	% Complete	79.4%
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Geosynthetics Placed

Phase	Material	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: Cell phones/texting, etc.
 CAMU Day: Discussed: Cell phones/texting, etc.
 Night shift CAMU & Eastside: Discussed: New employees helping them with orientation to project.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary
 Monitor waste placement into the CAMU of western hook material during the Day shift.
 Monitor waste placement into the CAMU of eastside material during the Night shift.
 Monitor the installation of interim cover for CAMU closure on phase II and phase IIIA.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Estimate of waste placement section: Western Hook quantities for 9/30 transferred from Phase II to Phase IV, where soil was placed.

SITE VISITORS

Name	Organization	Purpose of Visit			

Report Prepared By / Title: **Richard Laubinger, Construction Manager** Date Prepared: **30-Sep-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 IV.

Photo 2



CAMU: Phase IIIA.

Photo 3



CAMU: Phase IIA and Phase II.

Photo 4



Phase IIIA.