



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-Oct-09	469

**Night Shift:**  
 - Hauled material from SW-7 and Beta Ditch stockpiles.

**CAMU Activity:**

**Day Shift:**  
 - Placing material from Galleria Scrape and Eastside into Phase V.  
 - Grading west slope on Phase II.  
 - Grading top of Phase II at south end.  
 - Phase IIIA, began placing cover soils on geocomposite.  
 - Entact monitored Phase I, Phase II, Phase IIIB and Phase V sumps.  
 - Jensen removed concrete forms from the headwalls.  
 - ESI demobilized.

**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: (1.7) Water Pumped: (N/A).  
 Vadose: Measurement taken: (0.6) Water Pumped: (N/A).

Phase II: LCRS Sump: Measurement taken: (2.5) 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: (N/A). Water Pumped: (N/A).

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

<b>Phase I</b>	
Previous Daily Cumulative =	347,520 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 20 cy/load (0) trucks =	0 cy
Daily Night shift placed today: (10) loads @ 18cy/load (1) trucks =	180 cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>347,700 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	1,046,278 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Galleria Scrape, (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: (21) loads @ 18cy/load (3) trucks =	378 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,046,656 cy</b>
<b>Phase IIIA</b>	
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
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	299,400 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (141) loads @ 18cy/load (13) trucks =	2,538 cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>301,938 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	177,822 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: (168) loads @ 18cy/load (17) trucks =	3,024 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>180,846 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	50,598 cy
Operations layer placed (completed) for liner certification = 40,284	0 cy
Daily Day shift waste placed from: Galleria/Eastside (273) loads @ 18 cy/load (20) trucks =	4,914 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>55,512 cy</b>

<b>Cumulative Total To Date All Phases =</b>	<b>2,154,826 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,400,000</b>	<b>% Complete</b>	<b>89.8%</b>
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**Geosynthetics Placed**

	Previous	Placed	Cumulative Placed
<b>Phase I (complete)</b>			
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
<b>Phase II (complete)</b>			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
<b>Phase IIIA</b>			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
<b>Phase IIIB</b>			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
<b>Phase IV</b>			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
<b>Phase V</b>			
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	192,800	12,700	205,500
Geomembrane	192,800	12,700	205,500
Geocomposite	111,000	75,000	186,000

	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
<b>Geosynthetic System Cumulative Total To Date All CAMU Phases</b>	<b>3,879,938</b>	<b>93.5%</b>	<b>6,534,075</b>	<b>59.4%</b>

**HEALTH & SAFETY**

*Description of Health & Safety Actions Taken Today / Safety Inspections Conducted*

**Safety Topic:**  
 Eastside Day: Discussed: Backing heavy equipment, keep your head on a swivel.  
 CAMU Day: Discussed: Backing heavy equipment, keep your head on a swivel.  
 Night shift CAMU & Eastside: Discussed: Truck speeds on the decon pads.

**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 Galleria and Eastside material during the day shift.  
 Monitor waste placement into the CAMU of Eastside material during the night shift.  
 Monitor waste regrading at the CAMU on the day shift.  
 Monitor the placement of interim cover for CAMU Closure.  
 Monitor the placement of cover soils on geocomposite at Phase IIIA Closure.

**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: **28-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



CAMU: Phase V.

Photo 2



CAMU: Phase II.

Photo 3



CAMU: Phase IIIA.

Photo 4



Eastside: WST-5.