



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	07-Dec-09	508

**- Night Shift:**  
- Night shift canceled due to rain.

**CAMU Activity:**

**- Day Shift:**  
- Placed material from Galleria and Eastside into Phase V.  
- Graded waste in Phase I, Phase II, Phase III and Phase IV.  
- Placed interim cover on Phase IIIB and Phase IV, north slopes.

**- Night Shift:**  
- Night shift canceled due to rain.

**Embankment**  
- Phase I embankment, complete.  
- Phase 1 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 III: 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)  
Vadose: Measurement taken: (N/A) Water pumped: (N/A)

**Inspections:** CAMU: N/A.

Faithful+Ridd: Fence perimeter inspected, all secure.

**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 =	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
	<b>To Date Phase I estimated cumulative waste placed =</b>	<b>372,886 cy</b>
<b>Phase II</b>	Previous Daily Cumulative =	958,365 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
	<b>To Date Phase II estimated cumulative waste placed =</b>	<b>958,365 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 =	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
	<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174 cy</b>
<b>Phase IIIB</b>	Previous Daily Cumulative =	377,366 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
	<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>377,366 cy</b>
<b>Phase IV</b>	Previous Daily Cumulative =	289,262 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
	<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>289,262 cy</b>
<b>Phase V</b>	Previous Daily Cumulative =	193,994 cy
	Operations layer placed (completed) for liner certification = 40,284	cy
	Daily Day shift waste placed from: Galleria/Eastside (223) loads @ 17 cy/load (20) trucks =	3,791 cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase V estimated cumulative waste placed =</b>	<b>197,785 cy</b>
<b>10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey</b>		<b>261,799 cy</b>

<b>Cumulative Total To Date All Phases =</b>	<b>2,679,637 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,800,000</b>	<b>% Complete</b>	<b>95.7%</b>
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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
<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

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Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925
<b>BMI North</b>			
GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468
<b>BMI South</b>			
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
<b>CAMU Cover</b>			
GCL	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

	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>4,068,952</b>	<b>98.0%</b>	<b>6,534,075</b>	<b>62.3%</b>

**HEALTH & SAFETY**

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

**Safety Topic:**  
 Eastside Day: Discussed: Three points of contact getting up and down in trucks and equipment.  
 CAMU Day: Discussed: Three points of contact getting up and down in trucks and equipment.  
 Night shift CAMU & Eastside: Discussed: No activity, due to wet conditions..

**CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL**

*Description of Quality Control Actions Taken Today / Quality Inspections Conducted*

**Daily CQA Summary**  
 Monitored waste placement into the CAMU of Galleria and Eastside material on the day shift.  
 Monitored placement of interim cover at the CAMU on the day shift.

**ISSUES AND/OR ITEMS OF DISCUSSION**

*Description of Issues / Concerns / Conversations / Topics*

Precipitation: 0.22.

**SITE VISITORS**

Name	Organization	Purpose of Visit			

Report Prepared By / Title: **Richard Laubinger, Construction Manager**      Date Prepared: **7-Dec-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, waste placement.

Photo 2



CAMU: Phase IV, waste grading.

Photo 3



CAMU: Phase IV, north slope, interim cover placement.

Photo 4



Eastside: PUA-10 Well installation and corridor SS line installation.