

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-Nov-09	484

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:lfarris@landwellco.com">lfarris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranjati Sahu	<a href="mailto:sahuranj@earthlink.net">sahuranj@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-5886
Construction Manager	Richard L Aubinor	<a href="mailto:Richard.L.aubinor@westonsolution.com">Richard.L.aubinor@westonsolution.com</a>	770-641-8660

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Cloudy	PM	Cloudy	Low 54		Precip. (in/dy)	0
				High 77	SSW 10mph	Humidity (%)	0
Additional Weather Comments							

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Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	Y
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Graciano Maliana	QA/QC Tech	Oversight	Y
Kevin Brown	QA/QC Tech	Oversight	Y

Name	Position	Trade / Work Performed	Y/N	
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N	
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y	

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector.	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Brian Rakivca	Inspector	NDEP	Y
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

[illegible][illegible]

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		2271		
Geocomposite	Agru	0	rolls	For CAMU, On site		2448		
Geomembrane	Agru	0	rolls	For CAMU, On site		552		

Day 10: Description of Work Executed Today

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- Continued excavating and stockpiling material in PUA-10, CTR-2 and CTR-3.
- Continued excavating, scraping and loading from WST-5, WST-2, SW-4, and east of WST-6, hauling to Beta Ditch stockpile.
- Day haul with OTR trucks canceled due to wind.
- Gallerie Straker continued stockpiling.

**Night Shift:**

- Hauling material from CTR-4 and Beta Ditch stockpile

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<div>- Hauled material from CTR-4 and Beta Ditch stockpiles.</div> <div><b>CAMU Activity:</b> <b>- Day Shift:</b> - ESI installing geosynthetics on Phase II, south slope and top of south end. - Phase IIIA, performed test pad. - Continued screening operation at 200,000 cy stockpile. - Phase IIIA, D6 dozer placing second lift of final cover soil. - Phase I and Phase IIIB continued grading waste on west slope. - BMI North, grading with motorgrader. <b>- Night Shift:</b> - Placed material in Phase II, Phase IIIB, Phase IV. <b>Embankment</b> - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: - Phase II embankment , complete. <b>Sump/Vadose Monitoring:</b> 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). Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). <b>Inspections:</b> CAMU: N/A.  Eastside: Inspected perimeter fence: All secure.</div>			

**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 =	372,823 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>372,823 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	1,069,171 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: (32) loads @ 21 cy/load (6) trucks =	672 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,069,843 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 =	334,106 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/d (0) trucks =	cy
Daily Night shift waste placed today: (172) loads @ 21cy/load (21) trucks =	3,612 cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>337,718 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	215,466 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: (168) loads @ 21cy/load (20) trucks =	3,528 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>218,994 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	75,880 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Galleria/Eastside (314) loads @ 17 cy/load (20) trucks =	5,338 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>81,218 cy</b>

<b>Cumulative Total To Date All Phases =</b>		<b>2,302,770 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
			2,700,000	85.3%

**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

## DAILY PRODUCTION & QUALITY CONTROL REPORT

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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	329,600	15,200	344,800
Geomembrane	329,600	15,200	344,800
Geocomposite	205,500	0	205,500

		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	4,019,238	4,151,232	96.8%	6,534,075	61.5%

## HEALTH & SAFETY

Description of Health &amp; Safety Actions Taken Today / Safety Inspections Conducted

**Safety Topic:**

Eastside Day: Discussed: Seatbelts, wear them.  
CAMU Day: Discussed: Seatbelts, wear them.  
Night shift CAMU & Eastside: Discussed: Proper PPE in the exclusion zone.

## 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 Eastside and Galleria material during the day shift.  
Monitor waste placement into the CAMU of Eastside material during the night shift.  
Monitor the installation of final cover for CAMU closure.  
Monitor grading of interim cover for CAMU closure.  
Monitor the installation of geosynthetics on Phase II.  
Monitor final grading of BMI North landfill.  
Perform eastside waste sampling as requested by Entact.  
Perform density testing for final cover test pad.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Performed Final Cover Test Pad. Attendees: Brian Rakvica, NDEP, Lee Farris, BRC, Greg Corcoran, Geosyntec, Bob Meyer, ASW, Gordon, MGA, Dan Street Geosyntec, Stuart Irwin, Geosyntec, Russ Karnes, Entact, Dick Laubinger, Weston.

#### SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature \_\_\_\_\_

**Richard Laubinger, Construction Manager**

12-Nov-09

### Weather Table

Sunny/Clear	
Sunny / Party 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 II.

Photo 2



CAMU: Phase II.

Photo 3



CAMU: Phase IIIA.

Photo 4



CAMU: Phase IIIA.