

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	27-Aug-09	408

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	Ranjit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-8586
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution.com">Richard.Laubinger@westonsolution.com</a>	720-641-5866

Conditions				Temp (°)		Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	81		Precip. (in/hr)	0
				High	110	WNW 6 mph	Humidity (%)	0
Additional Weather Comments								

[illegible]

Name		Position	Trade / Work Performed	Y/N
Greg Corcoran		Design Engineer	Oversight	Y
Dan Street		QA Manager	Oversight	N
Jim Cox		QA/QC Supervisor	Oversight	Y
Flabbea Flynn		Engineer	Oversight	N
Shawn Irwin		QA/QC Tech	Oversight	Y
Roland Derosier		QA/QC Tech	Oversight	Y
Camron Liddell		QA/QC Tech	Oversight	Y
Keith Schratle		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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Linear Inspector.	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dook Kim, ATC	Field Observation	For AIG	Y
Brian Ralvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
PBS&J, Survey	Surveyors	Survey	N

Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Contact	Project Manager	Y
Jeremy Schissler	Contact	Acting Project Manager	Y
Josh Carroll	Contact	Asst Project Manager	Y
Michael Carlson	Contact	Engineer	Y
Joe Curllis, Day	Contact	Health & Safety Officer	N
Timothy Stadt, Day	Contact	Health and Safety Officer	Y
Roger Wagner, Night	Contact	Eastside, Superintendent	Y
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	Y
Lance Bruce, Nights	Contact	Health & Safety Officer	Y
Terry Harper, Night	Contact	CAMU, Superintendent	Y
Rick McInire	Contact	CSP, Health & Safety	Y
John Frazier, Days	Contact	Health & Safety Officer	Y
Eli Blackburn	Contact	Asst Project Manager	Y
Scott Zattau, Day	Contact	Health & Safety Technician	Y
Jose Martinez, Night	Contact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew. (1) Supt., (10) Laborers/ Seamans	Y
	ABC Survey	Eastside/CAMU/Western Hook	N

[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		

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- PUE-4, PUE-, continued loading and hauling material to the Beta Ditch stockpile.
- SW-12, loading and hauling material to HP-5, spreading out for drying.
- PUF-6 and PUE-3 scraping road on south side, loading out and hauling to Beta Ditch stockpile.
- PUE-7, excavating and stockpiling.
- D6 doing discing various wet ponds.
- Beta Ditch, powerscreening 1" and 6" minus soils continued.

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	27-Aug-09	408

- Western Hook, continue loading out OTR trucks and hauling to the CAMU for placement. - SW-12, pH. 6.	
<b>- Night Shift:</b> - Hauled material from Beta Ditch, 6" minus operations layer material and PUC row stockpiles.	
<b>CAMU Activity:</b>	
<b>- Day Shift:</b> - Phase V, continued backfilling anchor trench. - Phase V, ESI liner crew continued installing geomcomposite. - Phase V, pushed out operations layer material. - Storm drain system 60", worked on subgrade for trash rack at Headwall #3. - Placed waste material from Western hook into Phase II. - Electricians began setting control panels for leachate pumps. - Phase IV, constructed remaining outside area of exit ramp. Put ramp into service on night shift.	
<b>- Night Shift:</b> - Placed material in Phase I and Phase II. - Phase V, continued placing 1" minus operations layer.	
<b>Embankment</b> - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: - Phase II embankment, complete.	
<b>Sump/Vadose Monitoring:</b> Measurements for 8-26-09. Due to computer problems. Phase I: LCRS Sump: Measurement taken: (2.6) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (2.7) Water Pumped: (N/A). Vadose: Measurement taken: (NA) Water pumped: (N/A). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A). Vadose: Measurement taken: (NA) Water Pumped: (N/A).	
<b>Inspections:</b> CAMU: 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 =	309,504 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: (131) loads @ 18cy/load (17) trucks =	2,358 cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>311,862 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	874,072 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: From Western Hook (131) loads @ 18 cy/load (10) trucks =	2,358 cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (160) loads @ 18cy/load (18) trucks =	2,880 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>879,310 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: 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
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	176,328 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
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>176,328 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	70,038 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (124) loads @ 18cy/load (17) trucks =	2,232 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>70,038 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	4,500 cy
Operations layer placed: (100) loads @ 18cy/load (17) trucks =	1,800 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
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>6,300 cy</b>

Cumulative Total To Date All Phases =	Estimated Waste at	
	Completion	% Complete
	(cy) 2,050,000	81.3%

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	420,000	30,000	450,000
Geomembrane	420,000	30,000	450,000
Geocomposite	160,000	80,000	240,000
Geotextile	0	0	0

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Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	27-Aug-09	408

**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	3,565,785	4,151,232	85.9%	6,534,075	54.6%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed: Communication.  
CAMU Day: Discussed: Communication.  
Night shift CAMU & Eastside: Discussed: Communication.

## 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 material on the day shift.  
Monitor waste placement into the CAMU of eastside material on the night shift.  
Monitor the installation of geosynthetics in Phase V.  
Monitor the installation of operational fill in Phase V on the night shift.  
Monitor the installation of operational fill in Phase V on the day shift.  
Monitor waste slope grading at the South BMI Landfill.  
Monitor construction of storm drain at 60" Headwall #3.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Richard Laubinger, Construction Manager**

Date Prepared

27-Aug-09

Signature \_\_\_\_\_

### 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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Project No./Contract No.	Project Title / Location	Day of Report	Report No.
<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	27-Aug-09	<b>408</b>

### DAILY PHOTO LOG

Photo 1



CAMU: Headwall #3.

Photo 2



CAMU: Phase I, Phase II.

Photo 3



CAMU: Phase V.

Photo 4



Eastside: SW-12.