

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	15-Aug-09	396

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	Ranjait Sahu	<a href="mailto:sahuraj@earthlink.net">sahuraj@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 Aubinger	<a href="mailto:Richard.L.aubinger@westonsolution.net">Richard.L.aubinger@westonsolution.net</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	77			Precip. (in/dy.)	0
				High	103	SW	8 mph	Humidity (%)	0
Additional Weather Comments									

[illegible]

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
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
Roland Derosier	QA/QC Tech	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schratte	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	Liner Inspector,	N
Devin Gordon, MGA	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	N
Brian Raklica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Contact	Project Manager	N
Jeremy Schissler	Contact	Acting Project Manager	N
Josh Carol	Contact	Astt Project Manager	Y
Michael Carlson	Contact	Engineer	N
Joe Curllie, Day	Contact	Health & Safety Officer	Y
Timothy Stadl, Day	Contact	Health and Safety Officer	N
Roger Wagner, Night	Contact	Eastside Superintendent	N
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	Y
Lance Bruce, Nights	Contact	Health & Safety Officer	Y
Tyney Harper, Night	Contact	CAMU, Superintendent	Y
Rick McInire	Contact	CSP, Health & Safety	Y
John Frazier , Days	Contact	Health & Safety Officer	Y
Eli Blackburn	Contact	Aast 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	Tag
GCL	CETCO	0	rolls	For CAMU, On site		2271		
Geocomposite	Agru	0	rolls	For CAMU, On site		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

**Estimate Mixing and Drying Activity:**

**Day Shift:**

- WST-5 pond, continue excavating, loading and hauling to Beta ditch stockpile.
- WST-4 pond, began excavating, loading and hauling to Beta ditch stockpile.
- PUF-5 pond and PUG-6 adjacent haul chain continue excavating, loading and hauling to Beta ditch stockpile.
- WST-5 pond, long stick excavation, excavating and stockpiling.
- D6 dozer continue disengulphing up previously spread material in various ponds.
- Western hook, CAT 345 excavator continued scraping and stockpiling.

Western hook, CAT 345 excavator.

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- Western hook, CAT 314 excavator. - SW-12, pH: 6.
<b>- Night Shift:</b> - No Activity.
<b>CAMU Activity:</b>
<b>- Day Shift</b> - Phase II, continued placing interim cover on South slope. - Phase II and Phase IIB continued grading waste on slopes. - Phase V, continued grading subgrade, East slope and cell floor. - Phase V, continued excavating anchor trenches. - Phase V, ESI continued installing geosynthetics. - 42" storm drain system, continued backfilling and compacting around manholes # 1,2 & 3. - Power screening continued 1" and 6" minus soils, at CAMU stockpile along clean haul road.
<b>- Night Shift:</b> - No Activity.
<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: (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 = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase I estimated cumulative waste placed =</b>	292,422 0 0 0 <b>292,422 cy</b>
<b>Phase II</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 37,188  Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks = Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase II estimated cumulative waste placed =</b>	847,306  0 0 0 <b>847,306 cy</b>
<b>Phase IIIA</b> Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =  Operations layer placed (completed for liner certification = 21,276) Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase IIIA estimated cumulative waste placed =</b>	222,174 0 0 0 0 <b>222,174 cy</b>
<b>Phase IIIB</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase IIIB estimated cumulative waste placed =</b>	169,758 0 0 0 <b>169,758 cy</b>
<b>Phase IV</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification = 37,314 Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase IV estimated cumulative waste placed =</b>	51,894 0 0 0 <b>51,894 cy</b>
<b>Phase V</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = ? Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = <b>To Date Phase V estimated cumulative waste placed =</b>	0 0 0 0 <b>0 cy</b>

Cumulative Total To Date All Phases =	Estimated Waste at	
	Completion	% Complete
	(cy) 2,050,000	77.2%

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	100,000	60,000	160,000
Geomembrane	100,000	60,000	160,000
Geocomposite	0	0	0
Geotextile	0	0	0

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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	3,275,785	4,151,232	78.9%	6,534,075	50.1%

## HEALTH & SAFETY

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

**Safety Topic:**

**Eastside Day:** Replacing old or damaged PPE.

**CAMU Day:** Replacing old or damaged PPE.

Night shift CAMU & Eastside: No Work.

## 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 night shift.

Monitor subgrade preparation in Phase V.

Monitor grading waste on south slope in Phase II.

Monitor the placement of interim cover in Phase II.

Monitor construction of stormwater manholes # 1,2&3.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

#### SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature \_\_\_\_\_

**Richard Laubinger, Construction Manager**

15-Aug-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 V. Liner.

Photo 2



CAMU: Phase V, anchor trench.

Photo 3



CAMU: Storm drain system.

Photo 4



Eastside: SW-12 pond.