

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-Sep-09	423

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: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 (F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	76			Precip. (in/Dy.)	0
				High	105	S	8 mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	YN
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 Irvin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Kenneth Liddell	QA/QC Tech	Oversight	Y
Victor Hensley	QA/QC Tech	Oversight	Y
Keith Stradell	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	N
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
Brian Rakivca	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	Y
Jeremy Schissler	Contact	Acting Project Manager	N
Josh Carol	Contact	Asst Project Manager	Y
Michael Carlson	Contact	Engineer	Y
Joe Curllis, Day	Contact	Health & Safety Officer	Y
Timothy Stadl, Day	Contact	Health and Safety Officer	Y
Roger Wagner, Night	Contact	Eastside, Superintendent	Y
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	N
Lance Bruce, Nights	Contact	Health & Safety Officer	Y
Terry Harper, Night	Contact	CAMU, Superintendent	Y
Rick McInire	Contact	CSP, Health & Safety	N
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 Specialises, Inc.	Liner Crew. (1) Supt., (10) Laborers/ Seamans	N
	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		

Description of Work Executed Today	
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
11	11.00
12	12.00
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93	93.00
94	94.00
95	95.00
96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

- PUD-6, excavating pond and road, loading and hauling material to Beta Ditch stockpile.
- PUE-5 & 6, excavator loading out OTR trucks and 40 ton artics, hauling to CAMU and Beta Ditch stockpile.
- PUB-8/9 and excavating along sewer alignment, loading and hauling to the Beta Ditch stockpile.
- PUC-8, stockpiling.
- WST-5, excavating and hauling to SW-7, spreading out for drying.

Western Hook, excavator continued stockpiling.

Fastside day haulin continued with OTR trucks from PUE-5 & 6 and Beta Ditch stockpile to CAMU Phase II for placement.

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- Eastside day hauling continued with OTR trucks from PUE-5 & 6 and Beta Ditch stockpile to CAMU, Phase II for placement.
- <b>Night Shift:</b> - No Activity.
<b>CAMU Activity:</b>
- <b>Day Shift:</b> - Phase V, Pushed out and placed operations layer. - Phase V, completed backfilling anchor trench - Phase V, installed construction fence around exclusion zone. - Phase II, placed eastside waste material, hauled by OTR trucks. - Power screener continued screening 1" and 6" minus soils, north berm, along clean haul rd for interim cover.
- <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: (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).
<b>Inspections:</b> CAMU: N/A. Eastside: Inspected fence perimeter: 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 =	312,384	cy
Operations layer placed (completed) for liner certification. = 21,662	0	cy
Daily Day shift waste placed today: Phase IV,V scrape & Phase IIIB trench excavation. 0 loads @ 21 cy/load (0 trucks) =	0	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>312,384</b>	<b>cy</b>
<b>Phase II</b>		
Previous Daily Cumulative =	933,436	cy
Operations layer placed (completed) for liner certification. = 37,188		cy
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Eastside Waste, (118) loads @ 18cy/load (11) trucks =	2,124	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>935,560</b>	<b>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: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174</b>	<b>cy</b>
<b>Phase IIIB</b>		
Previous Daily Cumulative =	178,416	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>178,416</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	76,770	cy
Operations layer placed (completed) for liner certification = 37,314		cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>76,770</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	40,284	cy
Operations layer placed: (0) loads @ 18cy/load (0) trucks =		cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>40,284</b>	<b>cy</b>

Cumulative Total To Date All Phases =	1,765,588	cy	Estimated Waste at	
			Completion	% Complete
			(cy)	
			2,050,000	86.1%

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
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  
GC

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 Co  
CC

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	<u>0</u>

		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	3,674,438	4,151,232	88.5%	6,534,075	56.2%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed keeping your head on a swivel. Stay alert.  
CAMU Day: Discussed keeping your head on a swivel. Stay alert.  
Night shift CAMU & Eastside: No Activity.

## 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 during the Night shift.
- Monitor waste placement into the CAMU of eastside material during the day shift.
- 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 the backfilling of anchor trench in Phase V.
- Monitor the installation of the LCRS pipe system in Phase V.

### 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**

12-Sep-09

### Weather Table

Sunny/Clear



Sunny / Party Cloudy



Cloudy / Partly Sunny



Cloudy



Overcast



Light Rain



Rain



Thur



Spaw



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



Eastside: SW-12.

Photo 2



Eastside: WST-5.

Photo 3



Eastside: SW-7.

Photo 4



Phase V.