

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	08-Aug-09	389

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On site.	<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>	970-260-5886
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolutions.com">Richard.Laubinger@westonsolutions.com</a>	702-641-8660

Conditions				Temp (F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	76			Precip. (in/Dy.)	0
				High	99	NE	6 mph	Humidity (%)	0

[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	N
Roland Derosier	QA/QC Tech	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schradt	QA/QC Tech	Oversight	N

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.	N
Devin Gordon, MGA	Oversight	For NDEP	N
Dook Kim, ATC	Field Observation	For AIG	N
Brian Ralvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear 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		

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
13	13.00
14	14.00
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87	87.00
88	88.00
89	89.00
90	90.00
91	91.00
92	92.00
93	93.00
94	94.00
95	95.00
96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

**Day Shift:**

- PUF-6 and PUG-6 ponds, continued excavating, loading and hauling to Beta stockpile.
- WST-5, continued excavating and hauling material to Beta stockpile and debris storage area when necessary.
- D8 dozer, discing/mixing material and stockpiling.
- PUE-6 and PUE-7 ponds, excavating and stockpiling.
- Western Hook continued shredding debris and tamarisk with shredder and small excavator.
- Western Hook continued shredding/scraping and stockpiling contaminated material.
- SW-12, #4 + 6

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<div>- SW-12 pH: 6</div> <div>- <b>Night Shift:</b></div> <div>- No Activity.</div> <div>CAMU Activity:</div> <div>- <b>Day Shift</b></div> <div>- BMI South installing 6" minus cover soils.</div> <div>- Phase V, continue grading cell floor and slopes.</div> <div>- Phase IIIB, continued installing interim cover on slopes.</div> <div>- Power screening 1" and 6" minus soils at CAMU along clean haul road.</div> <div>- ESI continued moving/staging geosynthetics from the laydown yard to the southeast corner of Phase V.</div> <div>- <b>Night Shift:</b></div> <div>- No Activity.</div> <div>Embankment</div> <div>- Phase I embankment, complete.</div> <div>- Phase I estimated cumulative embankment placed:</div> <div>- Phase II embankment , complete.</div> <div>Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped : (N/A).</div> <div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div> <div>Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div> <div>Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div> <div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A)</div> <div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A)</div> <div>Inspections: CAMU: Weston monitored sump access. N/A.</div> <div>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 =	291,200 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: 0 loads @ 18cy/load (0 trucks) =	0 cy
To Date Phase I estimated cumulative waste placed =	291,200 cy
<b>Phase II</b>	
Previous Daily Cumulative =	832,708 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase II estimated cumulative waste placed =	832,708 cy
<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
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
<b>Phase IIIB</b>	
Previous Daily Cumulative =	162,774 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
To Date Phase IIIB estimated cumulative waste placed =	162,774 cy
<b>Phase IV</b>	
Previous Daily Cumulative =	37,314 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: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IV estimated cumulative waste placed =	37,314 cy
<b>Phase V</b>	
Previous Daily Cumulative =	0 cy
Operations layer placed (completed) for liner certification. = ?	0 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
To Date Phase V estimated cumulative waste placed =	0 cy

Estimated Waste at Completion (cy)		% Complete
Cumulative Total To Date All Phases =	1,546,170 cy	75.4%

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	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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**Debris Storage Area (complete)**

CAMU Cover

### Geosynthetic System Cumulative Total To Date All CAMU Phases

<p><b>HEALTH &amp; SAFETY</b></p> <p><i>Description of Health &amp; Safety Actions Taken Today / Safety Inspections Conducted</i></p> <p><b>Safety Topic:</b></p> <p>Eastside Day: Discussed peer reviews scheduled for next week.</p> <p>CAMU Day: Discussed peer reviews scheduled for next week.</p> <p>Night shift CAMU &amp; Eastside: No Work.</p>
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CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
<p>Approved Construction Control Actions Taken Today / Quality Inspections Conducted</p> <p><b>Daily CQA Summary</b></p> <p>Monitor waste placement into the CAMU of esterase material on the night shift.</p> <p>Monitor construction of side slopes and substrate preparation in Phase V.</p> <p>Monitor the installation of 6' minus cover soils on BMF South landfill.</p> <p>Monitor placement of interim cover on Phase IIIB slopes.</p>	

ISSUES AND/OR ITEMS OF DISCUSSION
Discussion of Issues / Concerns / Conversations / Topics

[illegible]

**Richard Laubinger, Construction Manager**

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



Eastside: Western hook shredding.

Photo 2



CAMU: Phase IIIB, Interim cover.

Photo 3



Eastside: WST-5 pond.

Photo 4



Eastside: SW-12 pond.