

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	08-Sep-09	419

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 Aubiner	<a href="mailto:Richard.L.aubiner@westonsolution.com">Richard.L.aubiner@westonsolution.com</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	78			Precip. (in/hr)	0
				High	100	S	6 mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
Dan Street	QA Manager	Oversight	N
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Pynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derostier	QA/QC Tech	Oversight	N
Canon Liddell	QA/QC Tech	Oversight	Y
Keith Schwarte	QA/QC Tech	Oversight	Y
Victor Heredia	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,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Brian Rakivca	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	Y

[illegible]

Equipment	Vendor / Tag No.	Work Performed
CAT D400E Dump Truck (10)	CAMU	- - - -
JD D400 Dump Trucks (10)	Eastside	- - - -
CAT 324D long stick excavator	Eastside	- - - -
CAT D8R Dozer with disc, (1)	Eastside	- - - -
CAT 345 excavators, (8)	Eastside and CAMU, Western Hook	- - - -
CAT 330 Excavator (1)	CAMU	- - - -
CAT 365 Excavator (1)	CAMU	- - - -
CAT D8 LGP Dozer (1)	Eastside	- - - -
Water Trucks (3)	Eastside	- - - -
Case backhoe	CAMU	- - - -
CAT 16H Grader	CAMU	- - - -
CAT D9 Dozer	Eastside	- - - -
Water Trucks (4)	CAMU	- - - -
CAT D-6 Dozer, (3)	CAMU	- - - -
CAT 14H Grader	CAMU	- - - -
Gradaill, forklift	CAMU	- - - -
J.G	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU, Phase 1	- - - -
Chelstan 1400 Powerscreener	CAMU	- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		2271		
Geocomposite	Aggu	0	rolls	For CAMU, On site		2442		
Geomembrane	Aggu	0	rolls	For CAMU, On site		558		

WORK COMPLETED	
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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16	16.00
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40	40.00
41	41.00
42	42.00
43	43.00
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45	45.00
46	46.00
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48	48.00
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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

- PUD-6 and PUE-5, excavating, loading and hauling material to Beta Ditch stockpile.
- PUB-9 and PUC-8, excavating along sewer alignment, loading and hauling to the Beta Ditch stockpile
- SW-12, excavating, loading and hauling wet material to CTR ponds for drying.
- WST-5, pushing up dried material and stockpiling.
- Western Hook, continued loading OTR trucks and hauling to CAMU, Phase II for placement.

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<b>- Night Shift:</b> - Hauled material from Beta Ditch, operations layer material and SW-7 stockpile.			
<b>CAMU Activity:</b>			
<b>- Day Shift</b> - Phase V, ESI continued geosynthetics repairs and cleanup. Also installed sump riser pipe. - Phase V, Pushed out and placed operations layer. - Phase V, continue backfilling anchor trench. - Phase I, Phase II and Phase IIIB continued grading waste. - Phase II, placed western hook waste material. - Electrical sub on site, working on LCRS and vadose zone pumps. - Power screener began screening 1" and 6" minus soils, north berm, along clean haul rd.			
<b>- Night Shift:</b> - Continued placing operations layer material in Phase V. - Placed waste material in Phase II and 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).			
<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 =	311,934	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 =	0	cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>311,934</b>	<b>cy</b>
<b>Phase II</b>		
Previous Daily Cumulative =	910,684	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: From Western Hook (133) loads @ 18 cy/load (10) trucks =	2,394	cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	0	cy
Daily Night shift placed today: (203) loads @ 18cy/load (17) trucks =	3,654	cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>916,732</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 =	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</b>	<b>cy</b>
<b>Phase IIIB</b>		
Previous Daily Cumulative =	178,416	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>178,416</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	74,988	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: (99) loads @ 18cy/load (19) trucks =	1,782	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 =	32,184	cy
Operations layer placed: (13) loads @ 18cy/load (1) trucks =	234	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>32,418</b>	<b>cy</b>

<b>Cumulative Total To Date All Phases =</b>		<b>1,738,444</b>	<b>cy</b>
<b>Estimated Waste at Completion (cy)</b>		2,050,000	
<b>% Complete</b>		84.8%	

**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	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 (\$f)	% 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: Refocus on job tasks returning from Holiday.  
CAMU Day: Refocus on job tasks returning from Holiday.  
Night shift CAMU & Eastside: Discussed the OSHA recordable incident.

## 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 installation of geosynthetics in Phase V.
- 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

**Richard Laubinger, Construction Manager**

Date Prepared

8-Sep-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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### DAILY PHOTO LOG

Photo 1



CAMU: Phase V.

Photo 2



CAMU: Phase V.

Photo 3



Eastside: WST-5.

Photo 4



Eastside: WST-5.