

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	10-Sep-09	421

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/dy.)	0
				High	104	NE	5 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	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	Y
Canon Liddell	QA/QC Tech	Oversight	Y
Keith Schwarte	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y

[illegible]

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 D6 LGP Dozer (1)		Eastside	-	-	-
Water Trucks (3)		Eastside	-	-	-
Case backhoe		CAMU	-	-	-
CAT 16H Grader		CAMU	-	-	-
CAT D8 Dozer		Eastside	-	-	-
Water Trucks (4)		CAMU	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-
CAT 14H Grader		CAMU	-	-	-
Grashtail, forklift		CAMU	-	-	-
JLG		CAMU	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-
Tenest Street Sweeper		Eastside and CAMU	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-
Cherban 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	Agri	0	rolls	For CAMU, On site		2442		
Geomembrane	Agri	0	rolls	For CAMU, On site		568		

**Excavator Work Expected Today**

**Eastside Mixing and Paving Activity:**

**Day Shift:**

- PUE-6, excavating pond and road, loading and hauling material to Beta Ditch stockpile.
- PUE-5, excavator loading out OTR trucks and 40 ton axles, hauling to CAMU and Beta Ditch stockpile.
- PUB-93 and PUC-8, excavating along sewer alignment, loading and hauling to the Beta Ditch stockpile.
- SW-12, excavator spread out retaining wet material across floor for drying.
- WST-3 and 4, pushing up drilled material and stockpiling.
- Western Hook, excavator continued stockpiling.

Additional work is expected to come from PUE-5 and Beta Ditch stockpile to CAMU. Phase II development

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- Eastside day hauling continued with OTR trucks from PUE-5 and Beta Ditch stockpile to CAMU, Phase II for placement.	
<b>- Night Shift:</b>	
- Hauled material from Beta Ditch, 6" operations layer material and WST-4 and 5 stockpile.	
<b>CAMU Activity:</b>	
<b>- Day Shift:</b>	
- Phase V, ESI continued cleanup. Also relocated remaining rolls of liner.	
- Phase V, Pushed out and placed operations layer.	
- Phase V, continue backfilling anchor trench.	
- Phase I, Phase II and Phase IIIB graded waste.	
- 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.	
<b>- Night Shift:</b>	
- Continued placing operations layer material in Phase V.	
- Placed waste material in Phase II.	
<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.	
Fasterite: 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 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	921,520 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: Eastside Waste, (123) loads @ 18cy/load (11) trucks =	2,214 cy
Daily Night shift placed today: (216) loads @ 18cy/load (18) trucks =	3,888 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>927,622 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 =	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 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	76,770 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
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>76,770 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	35,568 cy
Operations layer placed: (123) loads @ 18cy/load (20) trucks =	2,214 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>37,782 cy</b>

<b>Cumulative Total To Date All Phases =</b>		<b>1,754,698 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
			2,050,000	85.6%

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  
2011

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  
CCI

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	3,674,438	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 taking a moment during the day for safety awareness, also tip zones while trucks are dumping.  
**CAMU Day:** Discussed taking a moment during the day for safety awareness, also tip zones while trucks are dumping.  
**Night shift CAMU & Eastside:** Flaggers and their role. Discussed the recall on hard hats and replacing every five years.

## 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**

10-Sep-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: 60", concrete collar.

Photo 2



CAMU: Phase V.

Photo 3



Eastside: PUE-5

Photo 4



Eastside: SW-12.