

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	30-Oct-09	471

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	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>	970-260-8586
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	Cloudy / Partly Sunny	PM	Sunny / Partly Cloudy	Low	40			Precip. (in/Dy)	0
				High	68	NE	3mph	Humidity (%)	0

[illegible]

Name		Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight		Y
Dan Street	QA Manager	Oversight		N
Jim Cox	QA/QC Supervisor	Oversight		Y
Rebecca Flynn	Engineer	Oversight		N
Shawn Irwin	QA/QC Tech	Oversight		N
Camron Liddell	QA/QC Tech	Oversight		Y
Graciano Maliana	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	N

[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, CAMU and Galleria	- - -
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 D9 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	- - -
Tenert Street Sweeper	Eastside and CAMU	- - -
Komatsu Loader	CAMU and Eastside.	- - -
Cherlain 1400 Powerscreener	CAMU	- - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Qty	Spec
GCL	CETCO	0	rolls	For CAMU, On site		2271	
Geomcomposite	Agru	0	rolls	For CAMU, On site		2442	
Geomembrane	Agru	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
15	15.00
16	16.00
17	17.00
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41	41.00
42	42.00
43	43.00
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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:**

- Continued excavating top of berms and slopes in SW ponds.
- HP-4 and HP-5 berm, two excavators continued loading material in OTR trucks and hauling to CAMU.
- Continued excavating in CTR-2 and CTR-4 and stockpiling material.
- Continued final scrape of WST-5 pond with three excavators, loading and hauling material to Beta Ditch stockpile.
- Continued Galleria scrape, loading and hauling material in OTR trucks to CAMU for placement.

- Night Shift

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<div>- <b>Night Shift:</b> - Hauled material from SW-2, SW-7 and Beta Ditch stockpiles.</div> <div><b>CAMU Activity:</b> <b>- Day Shift</b> - Placing material from Galleria Scrape and Eastside into Phase V. - Grading and rolling top of Phase II at south end. - Grading waste in Phase I. - Entact monitored Phase I, Phase II, Phase IIIB and Phase V sumps. - Phase IIIA, continued placing cover soil on geocomposite. - Phase IIIA, ESI liner crew on site, repaired damaged geocomposite at northeast corner. <b>- Night Shift:</b> - Placed material in Phase II, Phase IIIB and Phase IV.</div> <div><b>Embankment</b> - Phase I embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment , complete.</div> <div><b>Sump/Vadose Monitoring:</b> Phase I: LCRS Sump: Measurement taken: (1.7) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (2.7) 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). Phase V: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).</div> <div><b>Inspections:</b> CAMU: Phase IIIA repair at northeast corner, monitored and inspected by Geosyntec.</div> <div>Fastwrite: Inspected rainwater leach: 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 =	347,700 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 20 cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>347,700 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	1,047,214 cy
Operations layer placed (completed) for liner certification. = 37,188	cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 18 cy/load (0) trucks =	cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =	cy
Daily Night shift placed today: (169) loads @ 18cy/load (17) trucks =	3,042 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,050,256 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: (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 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	303,954 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 18 cy/l'd (0) trucks =	cy
Daily Night shift waste placed today: (21) loads @ 18cy/load (2) trucks =	378 cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>304,332 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	185,112 cy
Operations layer placed (completed) for liner certification = 37,314	cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (193) loads @ 18cy/load (19) trucks =	3,474 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>188,586 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	60,912 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Galleria/Eastside (294) loads @ 18 cy/load (20) trucks =	5,392 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>66,304 cy</b>

<b>Cumulative Total To Date All Phases =</b>		<b>2,179,352 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
			2,700,000	80.7%

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	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**

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	192,800	12,700	205,500
Geomembrane	192,800	12,700	205,500
Geocomposite	186,000	19,500	205,500

		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	3,879,938	4,151,232	93.5%	6,534,075	59.4%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed: Out of Service tags, use anytime working on trucks or equipment.  
CAMU Day: Discussed: Out of Service tags, use anytime working on trucks or equipment.  
Night shift CAMU & Eastside: Discussed: Holiday Safety.

## 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 Galleria and Eastside material during the day shift.  
Monitor waste placement into the CAMU of Eastside material during the night shift.  
Monitor waste regrading at the CAMU on the day shift  
Monitor the placement of interim cover for CAMU Closure.  
Monitor the placement of cover soils on geocomposite at Phase IIIA Closure.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Phase IIIA, ESI liner crew on site, repaired geocomposite at northeast corner.

## SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature \_\_\_\_\_

**Richard Laubinger, Construction Manager**

30-Oct-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 IIIA.

Photo 2



CAMU: Phase IIIA.

Photo 3



Eastside: HP-5.

Photo 4



CAMU: Phase IIIA.