

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	24-Feb-10	582

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 (°)		Wind		Add'l Readings	
AM	Cloudy	PM	Cloudy	Low	44			Precip. (in/hr)	0
				High	59			S	8mph
Additional Weather Comments									

[illegible]

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

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][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		

**Eastside Activity:**

**Day Shift:**

- Continued final scrape at Beta Ditch east to west.
- Continued scraping laydown yard and debris storage area.
- Hauled all material to Beta Ditch stockpile and/or main haul road stockpile.
- GES, sampling 7B.

**Night Shift:**

- Hauled material from the Beta Ditch stockpile

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- Hauled material from the Beta Ditch stockpiles.	
<b>CAMU Activity:</b>	
<b>- Day Shift:</b>	
- Continued power screening 1" and 6" minus material.	
- ESI deployed geosynthetics on Phase IV, north slope.	
- Continued grading interim cover on Phase IV, north slope, east end.	
- Continued finish grading final cover soil on west slope and top of Phase I, Phase II and Phase IIIB.	
- Phase IV, continued removing excess soil from the toe of the south slope.	
- GES collected water samples at Phase V sump.	
- Entact monitored sumps.	
<b>- Night Shift:</b>	
- Placed material in Phase V.	
<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: (1.442) Water Pumped: (N/A).	
Vadose: Measurement taken: (0.583) Water Pumped: (N/A).	
Phase II: LCRS Sump: Measurement taken: (2.342) 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: (1.867) Water pumped: (425 gal).	
Vadose: Measurement taken: (N/A) Water Pumped: (N/A).	
<b>Inspections:</b> CAMU: N/A.	

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 =	372,886 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase I estimated cumulative waste placed =	372,886 cy
<b>Phase II</b>	
Previous Daily Cumulative =	1,072,405 cy
Operations layer placed (completed) for liner certification. = 37,188	cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =	cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =	cy
To Date Phase II estimated cumulative waste placed =	1,072,405 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 =	cy
Operations layer placed (completed for liner certification = 21,276)	cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
<b>Phase IIIB</b>	
Previous Daily Cumulative =	439,547 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/d (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IIIB estimated cumulative waste placed =	439,547 cy
<b>Phase IV</b>	
Previous Daily Cumulative =	483,323 cy
Operations layer placed (completed) for liner certification = 37,314	cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IV estimated cumulative waste placed =	483,323 cy
<b>Phase V</b>	
Previous Daily Cumulative =	514,174 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (363) loads @ 21cy/load (16) trucks =	7,623 cy
To Date Phase V estimated cumulative waste placed =	521,797 cy
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750 cy
12/31/09 Volume Adjustment to Correlate with CAMU Placement Survey	56,834 cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =		3,292,716 cy	113.5%

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>			

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GCL	558,653	0	558,653
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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	1,177,000	65,400	1,242,400
Geomembrane	1,177,000	65,400	1,242,400
Geocomposite	1,112,000	0	1,112,000

		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	4,928,838	4,151,232	88.8%	6,534,075	75.4%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Watch for uneven ground when dumping.  
CAMU Day: Discussed: Spotters safety, pinch points.  
Night shift CAMU & Eastside: Narrow haul roads and parking area.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary

Monitor waste placement of eastside material in the CAMU on the night shift.  
Monitor the placement of final cover.  
Monitor the placement of interim cover.  
Monitor the installation of geosynthetics.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

Name	Organization	Purpose of Visit			

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

24-Feb-10

Signature

Weather Table

Sunny/Clear	☀
Sunny / Partly 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: Scrape.

Photo 2



CAMU: Phase IV, North slope.

Photo 3



CAMU: Phase IV, North slope.

Photo 4



CAMU: Stockpile.