

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	31-Jan-10	558

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 (°F)	Wind	Add'l Readings	
AM	Cloudy	PM	Cloudy	Low 37		Precip. (in/hr.)	0
				High 58	SE 4mph	Humidity (%)	0

Additional Weather Comments

Night Shift.

[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 Flynn	Engineer	Oversight		N
Camron Littlefield	QA/QC Tech	Oversight		N
Graciano Malina	QA/QC Tech	Oversight		Y
Victor Heredia	QA/QC Tech	Oversight		N
John Duncan	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	N	

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	N
Devin Gordon, MGA	Oversight	For NDEP	N
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Contact	Project Manager	N
Eli Blackburn	Contact	Ast Project Manager	N
Josh Carroll	Contact	Ast Project Manager, Eastside Manager	N
Michael Carlson	Contact	Engineer	N
Joe Curllis, Day	Contact	Health & Safety Officer	N
Timothy Slatt, Day	Contact	Health and Safety Officer	N
Roger Wagner, Night	Contact	Eastside, Superintendent	Y
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	N
Lance Bruce, Night	Contact	Health & Safety Officer	Y
Terry Harper, Night	Contact	CAMU, Superintendent	Y
Rock McIntire	Contact	CSP: Health & Safety	N
Scott Zatlau, Day	Contact	Health & Safety	N
Jose Martinez, Night	Contact	Health & Safety Officer	Y
Dawn Breedlove	Contact	Health & Safety Technician	N
	Environmental Specialties, Inc. ABC Survey	Line Crew. (1) Supt., (10) Laborers- Seamens mobilized, Eastside/CAMU/Western Hook	N N

Equipment	Vendor / Tag No.	Work Performed
CAT D40GE 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, (4)	Eastside and CAMU.	- - -
CAT 330 Excavator (1)	CAMU	- - -
Inlunkett 330LX Excavator (1)	CAMU	- - -
CAT 06 LSP Dozer (1)	Eastside	- - -
Water Trucks (3)	Eastside	- - -
Case 580 backhoe	CAMU	- - -
12,000 gal Water Towers (3)	CAMU and Eastside.	- - -
CAT 05 Dozer	Eastside	- - -
Water Trucks (3)	CAMU	- - -
CAT D-6 Dozer, (3)	CAMU	- - -
CAT 14H Grader	CAMU	- - -
Rock Crusher	CAMU	- - -
Kawasaki Loader	CAMU	- - -
Smooth drum Rollers, (3)	CAMU	- - -
Tenent Street Sweeper	Eastside and CAMU	- - -
Komatsu Loader	CAMU and Eastside.	- - -
Cheliant 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	Agru	0	rolls	For CAMU, On site		2448		
Geomembrane	Agru	0	rolls	For CAMU, On site		552		

**Eastside Mixing and Drying Activity:**

**Day Shift:**  
- No Activity.

**Night Shift:**  
- Hauled material from Beta Ditch stockpiles.

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<b>CAMU Activity:</b> <b>- Day Shift</b> - No Activity. <b>- Night Shift</b> - Placed material in Phase IV and 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: (1.225) Water Pumped: (N/A). Vadose: Measurement taken: (0.583) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (2.506) 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: (2.975) Water pumped: (6,000 gal). <b>Inspections:</b> CAMU: Eastside: 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
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>372,886 cy</b>
<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
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,072,405 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 @ 17 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/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 =	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/lld (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>439,547 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	437,669 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: (142) loads @ 21cy/load (17) trucks =	2,982 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>440,651 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	399,117 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: (241) loads @ 21cy/load (19) trucks =	5,061 cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>404,178 cy</b>
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 =		3,132,425 cy	108.0%

**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	788,514	0	788,514
Geomembrane	788,514	0	788,514
Geocomposite	741,800	0	741,800

		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	4,474,952	4,151,232	88.8%	6,534,075	68.5%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: No Activities.  
Day Discussed: No Activities.  
Night shift CAMU & Eastside: Discussed: Staying alert during this long work week.

CAMU

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary

Monitored waste placement from the eastside to the CAMU on the night shift.

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

31-Jan-10

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

3.5-Inch Width or 2.63-Inch Height

Night Shift: No Pictures.

Photo 2

3.5-Inch Width or 2.63-Inch Height

Photo 3

3.5-Inch Width or 2.63-Inch Height

Photo 4

3.5-Inch Width or 2.63-Inch Height