

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Feb-10	577

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjait Sahu	sahuraj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard L Aubiner	Richard.L.aubiner@westonsolution.com	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy	PM	Cloudy	Low	51			Precip. (in/dy)	0
				High	70	S	10mph	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	Y
Rebecca Flynn	Engineer	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	N
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 Rakivica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

Name	Company	Trade / Work Performed	Y/N
Erik Gehring	Entact	Project Manager	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Josh Carol	Entact	Asst Project Manager, Eastside Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curllis, Day	Entact	Health & Safety Officer	Y
Timothy Stadl, Day	Entact	Health and Safety Officer	N
Roger Wagner, Night	Entact	Eastside, Superintendent	N
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	Y
Lance Bruce, Night	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
Scott Zattau, Day	Entact	Health & Safety Officer	Y
Jose Martinez, Night	Entact	Health & Safety Officer	Y
Dawn Breedlove	Entact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew (1) Supt. (10) Laborers/ Seamens mobilized.	Y
	ABC Survey	Eastside/CAMU	N

[illegible]

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		

Eastside Mixing and Drivng Activity:

Day Shift:

- Continued final scrape at Beta Ditch east to west, floor.
- Continued scraping laydown yard area.
- Continued scraping haul road. Hauled all material to Beta Ditch Stockpile.

Night Shift:

- Hauled material from the Beta ditch stockpiles.

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<p>CAMU Activity:</p> <p>- Day Shift</p> <ul style="list-style-type: none"> - Continued power screening 1" and 6" minus soils. - ESI continued installing geocomposite on Phase I, Phase II and Phase IIIB ramp and west slope. - Phase IV, continued grading and rolling north and south slope. - Continued placing 1" and 6" final cover on west slope. - BMI North, grading. - Installing CPE with drainage aggregate on ramp and top of Phase IIIB. - Entact monitored sumps. <p>- Night Shift:</p> <ul style="list-style-type: none"> - Placed material in Phase IV and Phase V. <p>Embankment</p> <ul style="list-style-type: none"> - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: - Phase II embankment , complete. <p>Sump/Vadose Monitoring:</p> <p>Phase I: LCRS Sump: Measurement taken: (1,433) Water Pumped: (N/A). Vadose: Measurement taken: (0,583) Water Pumped: (N/A).</p> <p>Phase II: LCRS Sump: Measurement taken: (1,992) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).</p> <p>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</p> <p>Phase V: LCRS Sump: Measurement taken: (2,300) Water pumped: (601 gal). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</p> <p>Inspections: CAMU: N/A.</p> <p><i>Fastlane: Fence reinstalled inspected. All secure</i></p>			

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I	
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
Phase II	
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
Phase IIIA	
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
Phase IIIB	
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 cyld (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
Phase IV	
Previous Daily Cumulative =	481,622 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: (26) loads @ 21cy/load (2) trucks =	546 cy
To Date Phase IV estimated cumulative waste placed =	482,168 cy
Phase V	
Previous Daily Cumulative =	489,268 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: (358) loads @ 21cy/load (16) trucks =	7,518 cy
To Date Phase V estimated cumulative waste placed =	496,786 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 =	3,266,550 cy	112.6%

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
Phase II (complete)			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
Phase IV			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
Phase V			

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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	1,101,400	10,600	1,112,000
Geomembrane	1,101,400	10,600	1,112,000
Geocomposite	946,400	72,500	1,018,900

		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	4,798,438	4,151,232	88.8%	6,534,075	73.4%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Wear proper PPE in work zones.
CAMU Day: Discussed: Wear proper PPE in work zones.
Night shift CAMU & Eastside: Downsizing crews as project completion nears.

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 installation of geosynthetics.
Monitor the placement of interim cover.
Monitor the placement of final cover.
Performed density tests on Phase IV, top.

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

19-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: Beta Ditch, floor.

Photo 2



Eastside: Beta Ditch, floor.

Photo 3



Eastside: Beta Ditch, floor.

Photo 4



Eastside: Laydown area.