

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	09-Feb-10	567

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	PM	Light Rain	Low	40	Precip. (in/hr)	0.22
				High	56	NE	7mph
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 Littlefield		QA/QC Tech	Oversight	Y
Giorgio Malina		QA/QC Tech	Oversight	N
Victor Heredia		QA/QC Tech	Oversight	Y
John Duncan		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	Y	

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, (4)		Eastside and CAMU.	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-
Linkbelt 330LX Excavator (1)		CAMU	-	-	-
CAT D6 LGP Dozer (1)		Eastside	-	-	-
Water Trucks (3)		Eastside	-	-	-
Case 580 backhoe		CAMU	-	-	-
12,000 gal Water Towers (3)		CAMU and Eastside.	-	-	-
CAT D6 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.	-	-	-
Cherlain 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		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- Continued final scrape east/west Beta ditch floor, south of SW ponds and south of HP ponds. Hauling to Beta Ditch stockpile.
- GES/Eagle continued sampling in 7B.

**Night Shift:**

- No activities due to rain

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<div><div>CAMU Activity:</div><div><div>- Day Shift</div><div>- Continued power screening 1" and 6" minus soils at 200,000 cy stockpile.</div><div>- Continued repairing wash outs on west slope.</div><div>- ESI liner crew installed geosynthetics on ramp and west slope of Phase II.</div><div>- Placing 1" and 6" final cover soils on Phase I, Phase II and Phase IIIB.</div><div>- Placed drainage aggregate for CPE pipe.</div><div>- Placed interim cover on top along north side of Phase IV.</div><div>- North SMI landfill, grading, rolling and compacting final cover.</div><div>- Graded waste in Phase IV and Phase V.</div></div><div><div>- Night Shift:</div><div>- No activities due to rain.</div></div><div><div>Embankment</div><div>- Phase I embankment, complete.</div><div>- Phase I estimated cumulative embankment placed:</div><div>- Phase II embankment , complete.</div></div><div><div>Sump/Vadose Monitoring:</div><div>Phase I: LCRS Sump: Measurement taken: (1,217) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (0.583) Water Pumped: (N/A).</div><div>Phase II: LCRS Sump: Measurement taken: (2,292) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div><div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase V: LCRS Sump: Measurement taken: (2,883) Water pumped: (665 gal).</div><div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div></div><div><div>Inspections:</div><div>CAMU: Subgrade Phase II, west slope.</div></div></div> <div><div>Fastlane: Fence relocator intersection: Found damage to fence at Sunset and Pahrn. Also a note had been removed at Western</div></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 =	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 =	460,496	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 =	460,496	cy
<b>Phase V</b>		
Previous Daily Cumulative =	441,976	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: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase V estimated cumulative waste placed =	441,976	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 =	3,190,068	2,900,000	110.0%

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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Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	09-Feb-10	567

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	881,400	31,750	913,150
Geomembrane	881,400	31,750	913,150
Geocomposite	881,400	0	881,400

		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	4,599,588	4,151,232	88.8%	6,534,075	70.4%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Crushing injuries, and slippery conditions.  
CAMU Day: Discussed: Crushing injuries, and slippery conditions.  
Night shift CAMU & Eastside: Night shift Canceled due to muddy conditions.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary

Monitor installation of interim cover at the CAMU.  
Monitor installation on final cover at the CAMU.  
Monitor the installation of geosynthetics.  
Monitor final compaction of the final cover on the North BMI Landfill.

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

9-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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6389 0	BRC Eastside Common Areas Soils Remediation 0	09-Feb-10	567

### DAILY PHOTO LOG

Photo 1



CAMU: Phase I, Phase II, and Phase IIIB, final cover.

Photo 2



Eastside: Demobilization of some equipment.

Photo 3



CAMU: Phase IIIB, North slope.

Photo 4



CAMU: Phase IIIB, North slope.