

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	29-Jan-10	556

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	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	41			Precip. (in/Dy.)	0
				High	58	WSW	3mph	Humidity (%)	0

[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
Samon Littlefield	QA/QC Tech	Oversight	Y
Gracianno Malina	QA/QC Tech	Oversight	Y
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][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 Mixing and Drying Activity:**

**Day Shift:**

- Continued final scrape of Beta Ditch, SW and HP Ponds, hauling material to Beta Ditch stockpile.
- Continued day haul with over the road trucks from the eastside Beta Ditch stockpile to CAMU.
- GES-Eagle, continued to collect samples in spray/wheel.

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	29-Jan-10	556

<b>- Night Shift:</b> - Hauled material from Beta Ditch stockpiles.			
<b>CAMU Activity:</b>			
<b>- Day Shift</b> - Continued crushing rock along clean haul road for gravel mulch. - Continued placing soils from eastside in CAMU. - Continued placing 1" and 6" minus, final cover soils on Phase I, Phase II and Phase IIIB. - Graded haul roads. - Uncover toe of slope at Phase II, west slope. - ESI liner crew, continued installing geosynthetics on Phase I, Phase II and Phase IIIB. - Entact monitored and pumped water as needed.			
<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: (N/A)	Water Pumped: (N/A).
	Vadose:	Measurement taken: (N/A)	Water Pumped: (N/A).
Phase II:	LCRS Sump:	Measurement taken: (N/A)	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).

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</b>	<b>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</b>	<b>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</b>	<b>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/ld (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</b>	<b>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: (0) loads @ 21cy/load (0) trucks =		cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>437,669</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	377,989	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Eastside, (150) loads @ 17 cy/load (10) trucks =	2,550	cy
Daily Night shift waste placed today: (382) loads @ 21cy/load (18) trucks =	8,022	cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>388,561</b>	<b>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 =	3,113,826	cy	107.4%

Geosvnthetics 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>			

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	29-Jan-10	556

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	737,514	22,000	759,514
Geomembrane	737,514	22,000	759,514
Geocomposite	689,000	52,800	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	4,445,952	88.8%	6,534,075	68.0%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Cell phone usage.  
CAMU Day: Discussed: Cell phone usage.  
Night shift CAMU & Eastside: Discussed: Radio communications and protocol.

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 day shift.  
Monitored waste placement from the eastside to the CAMU on the night shift.  
Monitored placement of final cover soils on the day shift.  
Monitored the installation of geosynthetics on the day shift.  
Monitored Phase IIIB anchor trench repair.

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

29-Jan-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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<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	29-Jan-10	<b>556</b>

### DAILY PHOTO LOG

Photo 1



Eastside: South of HP-3.

Photo 2



Eastside: South of HP-3.

Photo 3



Eastside: SW pond.

Photo 4



Eastside: HP Pond.