

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Oct-09	462

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/Clear	PM	Sunny / Party Cloudy	Low	54			Precip. (in/hr)	0
				High	78	N	8mph	Humidity (%)	0
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 Pynn	Engineer	Oversight	Y
Stuart Irwin	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	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:**

- Continue excavating in PUA-10, PUC-8 and PUB-8, load and haul material to Beta Ditch stockpile.
- Continued excavating and stockpiling material in PUB-8 and PUC-8.
- Continued excavating top of berm and north slope on SW-7.
- Began excavating in CTR-2, hauling material to Beta Ditch stockpile.
- Hauling material to CAMU from HP-2 and HP-3 berms with OTR trucks.
- Began excavating scrap pile, stockpiling and loading on OTR trucks and hauling to CAMU.

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<b>- Night Shift:</b> - Hauled material from SW-4 and Beta Ditch stockpiles.			
<b>CAMU Activity:</b>			
<b>- Day Shift</b> - Grading and rolling south slope on Phase II. - Grading waste in Phase I and Phase II inside west slope at access road. - Placing waste from Galleria and Eastside into Phase I and Phase IIIB. - ESI continued deploying geosynthetics in Phase IIIA. - GES collected water samples from Phase II sump. Also monitoring well next to Phase I sump. - Entact monitored Phase I, Phase II, Phase IIIB and Phase V sumps.			
<b>- Night Shift:</b> - Placed material in Phase IIIB and Phase IV.			
<b>Embankment</b> - Phase 1 embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment , complete.			
<b>Sump/Vadose Monitoring:</b>			
Phase I:	LCRS Sump: Measurement taken: (1.6)	Water Pumped: (N/A).	
	Vadose: Measurement taken: (0.6)	Water Pumped: (N/A).	
Phase II:	LCRS Sump: Measurement taken: (2.7)	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).	
<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 =	324,570	cy
Operations layer placed (completed) for liner certification. = 21,662	0	cy
Daily Day shift waste placed today: Galleria/Eastside, (253) loads @ 20 cy/load (17) trucks =	4,554	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>329,124</b>	<b>cy</b>
<b>Phase II</b>		
Previous Daily Cumulative =	1,035,748	cy
Operations layer placed (completed) for liner certification. = 37,188		cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =		cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,035,748</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 @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/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 =	283,704	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 18 cy/ld (0) trucks =		cy
Daily Night shift waste placed today: (165) loads @ 18cy/load (17) trucks =	2,970	cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>283,704</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	152,370	cy
Operations layer placed (completed) for liner certification = 37,314		cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (207) loads @ 18cy/load (20) trucks =	3,726	cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>156,096</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	49,266	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed today: From: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>49,266</b>	<b>cy</b>

		<b>Estimated Waste at</b>	
		<b>Completion</b>	<b>% Complete</b>
		<b>(cy)</b>	
<b>Cumulative Total To Date All Phases =</b>	<b>2,076,112</b>	<b>2,400,000</b>	<b>86.5%</b>

**Geosvnthetics Placed**

	Previous	Placed	Cumulative Placed
<b>Phase I (complete)</b>			
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>			
GCL	558,653	0	558,653
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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**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	164,600	28,200	192,800
Geomembrane	164,600	28,200	192,800
Geocomposite	0	0	<u>0</u>

		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	3,867,238	4,151,232	93.2%	6,534,075	59.2%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed: Hazardous communication.  
CAMU Day: Discussed: Hazardous communication.  
Night shift CAMU & Eastside: Discussed: Radio communication.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

## Daily CQA Summary.

Monitor waste placement into the CAMU of Galleria and Eastside material during the day shift.  
Monitor waste placement into the CAMU of Eastside material during the night shift.  
Monitor the installation of interim cover for CAMU closure.  
Monitor waste regrading at the CAMU on the day shift.  
Monitor the installation of geosynthetics at Phase IIIA Closure.  
Perform density testing as requested by Entact on interim cover. No request today.  
Perform eastside waste sampling as requested by Entact. No request today.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Richard Laubinger, Construction Manager**

Date Prepared

21-Oct-09

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



CAMU: Phase IIIA.

Eastside: Dry ponds.

Photo 2



Eastside: Dry ponds.

Photo 3



Eastside: Dry ponds.

Photo 4



CAMU: Phase IIIA.