

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	16-Dec-09	517

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	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low 39		Precip. (in/Dy.)	0
				High 55	N 6mph	Humidity (%)	0

[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	N
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]

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, (8)	Eastside, CAMU and Galleria	- - - -
CAT 330 Excavator (1)	CAMU	- - - -
CAT 365 Excavator (1)	CAMU	- - - -
CAT 08 LSP Dozer (1)	Eastside	- - - -
Water Trucks (3)	Eastside	- - - -
Case backhoe	CAMU	- - - -
CAT 16H Grader	CAMU	- - - -
CAT 09 Dozer	Eastside	- - - -
Water Trucks (4)	CAMU	- - - -
CAT D-6 Dozer, (3)	CAMU	- - - -
CAT 14H Grader	CAMU	- - - -
Gradall, forklift	CAMU	- - - -
J.G.	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU and Eastside.	- - - -
Chelmin 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		

Description of Work Executed Today	
1	1.0000
2	2.0000
3	3.0000
4	4.0000
5	5.0000
6	6.0000
7	7.0000
8	8.0000
9	9.0000
10	10.0000
11	11.0000
12	12.0000
13	13.0000
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98	98.0000
99	99.0000
100	100.0000

- Continued excavating and stockpiling material in PUB-9, PUC-8 and CTR-1.
- Continued final scrape of SW and HP Ponds, hauling material to Beta Ditch stockpile.
- Continued loading and hauling material in OTR trucks from HP berms and Southern rib berms to CAMU for placement.
- Galleria Scrape, continued scraping Parcels 10 and 4, loading and hauling material with OTR trucks to the CAMU for placement.

\* Hauled material from PIIB-9, PIIC-8, CTR-1, and Beta Ditch stockpile

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- Hauled material from PUB-9, PUC-8, CTR-1, and Beta Ditch stockpile.			
<b>CAMU Activity:</b>			
<b>- Day Shift:</b>			
- Continued to place waste from Galleria and eastside into Phase V.			
- Continued grading waste in Phase IIIB and Phase IV			
- Continued to place interim cover on Phase IIIB.			
- Continued finish grading interim cover on Phase I and Phase II.			
- Extract monitored Phase I, Phase II, Phase IIIB and Phase V sumps.			
- GES collected water samples from Phase I, Phase II and Phase V sumps.			
<b>- Night Shift:</b>			
- Placed material in Phase IIIB and Phase IV.			
<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: (1,208) Water Pumped: (255 gal)			
Vadose: Measurement taken: (0.583) Water Pumped: (N/A).			
Phase II: LCRS Sump: Measurement taken: (2,483) Water Pumped: (750 gal).			
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: (1,308) Water Pumped: (76 gal)			
Vadose: Measurement taken: (N/A) Water pumped: (N/A)			
<b>Inspections:</b> CAMU: N/A.			
Eastside: Inspected fence perimeter: All secure.			

**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 =	406,745	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: (182) loads @ 21cy/load (17) trucks =	3,822	cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>410,567</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	307,700	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: (190) loads @ 21cy/load (19) trucks =	3,990	cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>311,690</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	229,212	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Galleria/Eastside (340) loads @ 17 cy/load (20) trucks =	5,780	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>234,992</b>	<b>cy</b>
<b>11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey</b>	<b>123,750</b>	<b>cy</b>

Cumulative Total To Date All Phases =	Estimated Waste at Completion	
	(cy)	% Complete
	2,748,464	98.2%

**Geosynthetics 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

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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	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

	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	4,068,952	4,151,232	98.0%	6,534,075	62.3%

## HEALTH & SAFETY

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

**Safety Topic:**

**Eastside Day:** Discussed: Site traffic, haul trucks have the right of way.

**CAMU Day:** Discussed: Site traffic, haul trucks have the right of way.

Night shift CAMU & Eastside: Discussed: Communication and slow down when entering the CAMU.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement into the CAMU of Galleria and Eastside material on the day shift.

Monitored waste placement into the CAMU of Eastside material on the night shift.

Monitored placement of interim cover at the CAMU on the day shift.

Performed density tests on Phase II final cover as requested by Entact.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature \_\_\_\_\_

**Richard Laubinger, Construction Manager**

16-Dec-09

### 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



Galleria Scrape: Parcel 4.

Photo 2



CAMU: Phase 1 and Phase II. East slope.

Photo 3



CAMU: Phase I and Phase IIIB, East slope

Photo 4



CAMU: Phase V.