

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Dec-09	523

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:sahuraj@earthlink.net">sahuraj@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-5886
Construction Manager	Richard L Aubinger	<a href="mailto:Richard.L.aubinger@westonsolution.net">Richard.L.aubinger@westonsolution.net</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy / Partly Sunny	PM	Sunny / Partly Cloudy	Low	31			Precip. (in/dy)	0
				High	49	N	10mph	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
Shari Ivers	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 Rakivica	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		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

WORK COMPLETED	
Description of Work Executed Today	
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
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99	99.00
100	100.00

- PUB-9, PUC-8, CTR-1 and CTR-4, continued excavating and stockpiling material.
- SW and HP Ponds, continued final scrape and hauling material to Beta Ditch stockpile.
- Continued loading and hauling material in OTR trucks from SW-2 and SW-3 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 PIR-9, CTR-1 and Beta Ditch stockpiles

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<p>- Hauled material from PUB-9, CTR-1 and Beta Ditch stockpiles.</p> <p><b>CAMU Activity:</b></p> <p><b>- Day Shift:</b></p> <p>- Continued to place waste from Galleria and eastside into Phase V.</p> <p>- Continued grading waste on Phase IV north slope and top in Phase IIIB.</p> <p>- Continued to place interim cover on top of Phase IIIB and Phase IV, north slope.</p> <p>- Continued finish grading interim cover on Phase I and Phase II.</p> <p>- Phase II, South slope, placing final cover.</p> <p>- Continued power screening 1" and 6" minus soils from the 200,000cy stockpile.</p> <p><b>- Night Shift:</b></p> <p>- Placed material in Phase IIIB, Phase IV and Phase V.</p> <p><b>Embankment</b></p> <p>- Phase 1 embankment, complete.</p> <p>- Phase 1 estimated cumulative embankment placed:</p> <p>- Phase II embankment , complete.</p> <p><b>Sump/Vadose Monitoring:</b></p> <p>Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</p> <p>Phase II: LCRS Sump: Measurement taken: (N/A) 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: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).</p> <p><b>Inspections:</b> CAMU: N/A.</p> <p><i>Fastlane: Inspected fence perimeter: All secure</i></p>			

**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 =	431,420	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: (128) loads @ 21cy/load (13) trucks =	2,688	cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>434,108</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	330,254	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: (144) loads @ 21cy/load (15) trucks =	3,024	cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>333,278</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	262,691	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Galleria/Eastside (323) loads @ 17 cy/load (20) trucks =	5,491	cy
Daily Night shift waste placed today: (6) loads @ 21cy/load (3) trucks =	126	cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>268,308</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 =	2,826,909 cy	Estimated Waste at Completion (cy)	% Complete
		2,900,000	97.5%

**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 & Safety Actions Taken Today / Safety Inspections Conducted	
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95	96
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99	100

**Safety Topic:**

Eastside Day: Discussed: Eye protection.

CAMU Day: Discussed: Eye protection.

Night shift CAMU & Eastside: Discussed: Staying focused on the last month of the night hall.

## 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.

Perform density tests Phase 1 and Phase II interim cover as requested by Entact.

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

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

### 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**

22-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



CAMU: Phase II and Phase I grading for liner subgrade.

Photo 2



CAMU: Phase II and Phase I, grading for liner subgrade.

Photo 3



Eastside: Galleria Scrape, Parcel 7.

Photo 4



Eastside: Galleria Scrape, Parcel 7.