

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	27-Nov-09	498

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 Aubiner	<a href="mailto:Richard.L.aubiner@westonsolution.com">Richard.L.aubiner@westonsolution.com</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	34			Precip. (in/Dy)	0
				High	62	Wind	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
Shawn Irwin	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	N
Graciano Maliana	QA/QC Tech	Oversight	Y

[illegible]

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	N
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 Eastside
Water Trucks (3)		- - -
Case backhoe		CAMU -
CAT 16H Grader		CAMU -
CAT D9 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. -
Chesham 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 excavating and stockpiling material in PUB-9, PUC-8, and HP ponds.
- Continued final scrape of SW, CTR, and WST ponds, hauling material to Beta Ditch stockpile.
- Continued hauling material to CAMU from SW berms with OTR trucks.
- Continued Galleria Scrape, stockpiling, loading and hauling with OTR trucks to CAMU for placement.

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- <b>Night Shift:</b> - No activities
<b>CAMU Activity:</b>  - <b>Day Shift</b> - Placed material from Galleria and Eastside into Phase V - Placed cover soil on Phase II west slope. - Continued powerscreening 1" and 6" minus material. - Graded waste in Phase I, Phase II, Phase IIIB and Phase V.  - <b>Night Shift:</b> - No activities
<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) Vadose: Measurement taken: (N/A) Water Pumped: (N/A)
<b>Inspections:</b> CAMU: NA.  Eastside: Fence perimeter inspected. 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 = Operations layer placed (completed) for liner certification. = 21,662  Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks = Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks = <b>To Date Phase I estimated cumulative waste placed =</b>	372,886 0 cy cy 372,886 cy
<b>Phase II</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 37,188  Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks = Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks = Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks = <b>To Date Phase II estimated cumulative waste placed =</b>	1,072,405 cy cy cy 1,072,405 cy
<b>Phase IIIA</b> Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =  Operations layer placed (completed for liner certification = 21,276) Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = <b>To Date Phase IIIA estimated cumulative waste placed =</b>	222,174 cy cy cy 222,174 cy
<b>Phase IIIB</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/lld (0) trucks = Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = <b>To Date Phase IIIB estimated cumulative waste placed =</b>	370,394 cy cy cy 370,394 cy
<b>Phase IV</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification = 37,314 Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = <b>To Date Phase IV estimated cumulative waste placed =</b>	260,805 cy cy cy 260,805 cy
<b>Phase V</b> Previous Daily Cumulative = Operations layer placed (completed) for liner certification = 40,284 Daily Day shift waste placed from: Galleria/Eastside (307) loads @ 17 cy/load (19) trucks = Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = <b>To Date Phase V estimated cumulative waste placed =</b>	148,068 cy 5,219 cy 153,287 cy
<b>10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey</b>	261,799 cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	2,713,750 cy	2,800,000	96.9%

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 (\$f)	% 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

HEALTH & SAFETY	
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
<p>1. Safety Inspections Conducted:</p> <ul style="list-style-type: none"> <li>General safety inspection of the work area.</li> <li>Inspection of electrical equipment and wiring.</li> <li>Inspection of fire extinguishers and fire escape routes.</li> <li>Inspection of first aid kit and safety equipment.</li> </ul>	
<p>2. Health &amp; Safety Actions Taken Today:</p> <ul style="list-style-type: none"> <li>Revised safety protocols for handling hazardous materials.</li> <li>Conducted safety training for new employees.</li> <li>Implemented measures to improve ventilation in the laboratory.</li> <li>Conducted a fire drill.</li> </ul>	

**Safety Topic:**

**Safety Topic:**  
 Eastside Day: Discussed: Staying focused after the holiday.  
 CAMU Day: Discussed: Staying focused after the holiday.  
 Night shift CAMU & Eastside: None

## 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 the installation and grading of the final cover for CAMU closure.  
Monitor the waste slope regrading at the CAMU.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature \_\_\_\_\_

**Chris White, Assistant Construction Manager**

28-Nov-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



Eastside: SW-12 north berm removal

Photo 2



Eastside: Scrape behind SW-10

Photo 3



CAMU: Phase V waste placement.

Photo 4



CAMU: Phase V wastes placement from the south side of Phase 2.