

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Oct-09	454

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	Ranjati Sahu	<a href="mailto:sahuranj@earthlink.net">sahuranj@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 Aubinor	<a href="mailto:Richard.L.aubinor@westonsolution.com">Richard.L.aubinor@westonsolution.com</a>	770-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Partly Cloudy	PM	Cloudy / Partly Sunny	Low	57			Precip. (in/Dy)	0
				High	75	SE	15 mph	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 Flynn		Engineer	Oversight	N
Shawn 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 Rakivica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	Y

[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		

Work Completed	
Description of Work Executed Today	

**Day Shift:**

- PUB-8 and HP-3 berms, continued loading OTR trucks and hauling to CAMU for placement.
- PUB-9 and PUC-8, continued excavating and stockpiling material.
- Continued excavating roads south of PUC-7, PUC-7 and PUC-7, loading and hauling material to Beta Ditch stockpile.
- Continued excavating along sewer realignment in PUB-9, PUC-8 and PUB-10, mixing and stockpiling material.
- SW-12, and WST-3, dising and pushing up previously spread dired out material.
- Continued installing construction fence in pipe line corridor.
- Western Road, continued loading and OTR trailers, ballast material to CAMU for placement

DAILY PRODUCTION & QUALITY CONTROL REPORT			
Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Oct-09	454
<div>- Western Hook, continued loading out OTR trucks, hauling material to CAMU for placement. - Galleria Scrape, plumbed water connection for stand tank. PBS&amp;J completed survey layout.  - <b>Night Shift:</b> - Hauled material from WST-4, WST-5 and Beta Ditch stockpiles.  <b>CAMU Activity:</b>  - <b>Day Shift</b> - Placed material from Western Hook and Eastside into Phase II and Phase IIIB. - Phase IIIA, ESI began deploying GCL and Geomembrane liner at east end, first tier. - Phase IIIA, continued finish grading on slopes. - Phase II, grading waste.  - <b>Night Shift:</b> - Placed material from eastside in CAMU, 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> <div>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).</div> <b>Inspections:</b> CAMU:   N/A.                   Eastside: Inspected perimeter fence, All Secure.</div>			

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 =	315,300 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: (0) loads @ 20 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>315,300 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	1,033,462 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Western Hook, (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,033,462 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 =	0 cy
Operations layer placed (completed for liner certification = 21,276)	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	254,418 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed from: Eastside/Western Hook (180) loads @ 18 cy/ld (16) trucks =	3,402 cy
Daily Night shift waste placed today: (167) loads @ 18cy/load (16) trucks =	3,008 cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>260,826 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	130,734 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (217) loads @ 18cy/load (18) trucks =	3,906 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>134,640 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	49,266 cy
Operations layer placed (completed) for liner certification = 40,284	0 cy
Daily Day shift waste placed today: From: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>49,266 cy</b>

Cumulative Total To Date All Phases =		2,015,668 cy	Estimated Waste at Completion (cy)	% Complete
			2,400,000	84.0%

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
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Oct-09	454

**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	0	13,500	13,500
Geomembrane	0	13,500	13,500
Geocomposite	0	0	0

		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	3,687,938	4,151,232	88.8%	6,534,075	56.4%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed: Hazard recognitions, employee participation.  
CAMU Day: Discussed: Hazard recognitions, employee participation.  
Night shift CAMU & Eastside: Discussed: Windy conditions and controlling dust.

## 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 eastside material during the night shift.  
Monitor waste placement into the CAMU of western hook and eastside material during the day shift.  
Monitor the installation of interim cover for CAMU closure.  
Monitor the installation of geosynthetics at Phase IIIA Closure.  
Perform density testing as requested by Entact on interim cover. No requests 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

13-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

### DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	13-Oct-09	<b>454</b>

### DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB.

Photo 2



CAMU: Phase IIIA.

Photo 3



CAMU: Phase IIIA.

Photo 4



CAMU: Phase IIIA.