

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	10-Jun-09	331

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	Ranajit 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.c">Dan.Brennecke@westonsolutions.c</a>	970-260-5886
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution">Richard.Laubinger@westonsolution</a>	720-641-5666

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny / Partly Cloudy	Low	72			Precip. (in/hr)	0
				High	91	SW	9 mph	Humidity (%)	0
Additional Weather Comments									
Calm - 9 mph.									

[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
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y

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Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carrol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curila, Day	Entact	Health & Safety Officer	Y
Timothy Stad, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Additional tasks, Southern Rib, Hook.	Y
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick Morine	Entact	CSP, Health & Safety	N
John Frazier, Nights	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	N
	ABC Survey	Eastside/CAMU, Mohawk Drive	Y

Equipment	Vendor / Tag No.	Work Performed
CAT D400E Dump Truck (10)	CAMU	- - - -
JD D400 Dump Trucks (10)	Easteide	- - - -
CAT 324D long stick excavator	Easteide	- - - -
CAT D8R Dozer with disc, (1)	Easteide	- - - -
CAT 345 excavators, (8)	Easteide and CAMU, Southern Rib	- - - -
CAT 330 Excavator (1)	CAMU	- - - -
Kobelco Excavator, (1)	CAMU	- - - -
CAT D6 LGP Dozer (1)	Easteide	- - - -
Water Trucks (3)	Easteide	- - - -
Case backhoe	CAMU	- - - -
CAT 16H Grader	CAMU	- - - -
CAT D-1H Dozer	CAMU	- - - -
Water Trucks (4)	CAMU	- - - -
CAT D-6 Dozer, (3)	CAMU	- - - -
CAT 14H Grader	CAMU	- - - -
Gradall	CAMU	- - - -
JLG	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Easteide and CAMU	- - - -
Komatsu Loader	CAMU, Phase 1	- - - -
Chieftain 1400 Powerscreener	CAMU	- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Olv	Spec
GCL	CETCO	0	rolls	For CAMU, On site		1924	
Geocomposite	Agru	0	rolls	For CAMU, On site		2442	
Geomembrane	Agru	0	rolls	For CAMU, On site		558	

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Description of Work Executed Today

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- SC-1, load and haul wet material to HP-2 and spread out for drying.
- N. Beta ditch, continue excavation and hauling material to HP-3 stockpile.
- PUC-7, excavating and stockpiling with long stick excavator.
- PUH-7, excavator loading out material and hauling to HP-3 stockpile.
- PUA-9, began excavating and hauling material to the Beta ditch staging area.
- D8 dozer disc and pushed up dried material into stockpiles for layout.
- Southern Rib, completed hauling material to CAMU for placement.
- Western Hook, scraping sediment and debris from ditches and stockpiling.
- GES/Eagle continued drilling operations.
- SW-12 pH: 6

**Night Shift:**

- Hauled material from Beta Ditch staging area and HP-3 stockpiles.

**CAMU Activity:**

**Day Shift**

- SE-1 silt trenches continued excavating loading out and hauling to phase II for placement.
- NE-2, Waste outside design limits removed, placed in phase II. Inspected by MGA and Weston. Approved for backfill.
- SW-1, SW-2 continue backfilling and compacting trenches.
- Phase IV, continued grading.
- Phase V, (2) excavators loaded haul trucks with overburden material along north side for backfill material.
- Received and placed southern rib soils in phase II and IIIA.
- Entact checked water levels in the Phase I LCRS and Vadose Zone. Also Phase II LCRS sump.
- GES collected samples from the monitoring well next to Phase I. Also Phase II LCRS sump.

**Night Shift**

- Continued placing material in Phase II and Phase IIIA.

**Embankment**

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed:
- Phase II embankment, complete.

**Sump/Vadose Monitoring** Phase 1: LCRS Sump: Measurement taken: (2.40) Water Pumped: (N/A).  
Vadose: Measurement taken: (0.64) Water Pumped: (N/A).  
  
Phase II: LCRS Sump: Measurement taken: (1.1) Post-sample/pump measurement Water Pumped: (1001 gal).  
Vadose: Measurement taken: (NA) Water pumped: (N/A).

**Inspections:** CAMU: Weston monitored sump access.

Exclude: truncated calculation from AB system

**Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)**

**Phase I**

Previous Daily Cumulative = 291,200 cy  
Operations layer placed (completed) for liner certification. = 21,662 0 cy  
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) = 0 cy  
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) = 0 cy  
**To Date Phase I estimated cumulative waste placed = 291,200 cy**

**Phase II**

Previous Daily Cumulative = 734,898 cy  
Operations layer placed (completed) for liner certification. = 37,188  
  
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive/Southern Ribs: (43) loads @ 18 cy/load (10) trucks = 774 cy  
Daily Day shift waste placed today: Silt Trenches, (79) loads @ 18cy/load (5) trucks = 1,422 cy  
Daily Night shift placed today: (259) loads @ 18cy/load (20) trucks = 4,662 cy  
**To Date Phase II estimated cumulative waste placed = 741,756 cy**

**Phase IIIA**

Previous Daily Cumulative = 173,268 cy  
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: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =  
Daily Night shift waste placed today: (72) loads @ 18cy/load (13) trucks = 1,296 cy  
**To Date Phase IIIA estimated cumulative waste placed = 174,564 cy**

**Phase IIIB**

Previous Daily Cumulative = 21,978 cy  
  
Operations layer placed (completed) for liner certification. = 21,978  
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =  
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =  
**To Date Phase IIIB estimated cumulative waste placed = 21,978 cy**

	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
<b>Cummulative Total To Date All Phases =</b>	<b>1,229,498 cy</b>	<b>60.0%</b>

**Geosynthetics Placed**

Phase I (complete)	Previous	Placed	Cummulative
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
Phase II (complete)			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
Phase IV			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V			
GCL	0	0	0

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Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

**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	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

		Total Geosynthetics for CAMU Basic Scope (\$)	% 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	2,655,843	4,151,232	64.0%	6,534,075	40.6%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed importance of wearing seat belts.

**CAMU Day:** Discussed importance of wearing seat belts.

Night shift CAMU & Eastside: Discussed scaffolding on the eastside and speed of the haul trucks.

## 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 eastside materials on the night shift.

Monitored waste placement into the CAMU of slit trench material and eastside materials on the day shift.

Monitored backfill operations in Phase IV on the day shift.

Perform eastside sampling activities.

Continue updating project documents to facilitate reporting.

### 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**

10-Jun-09

### Weather Table

Sunny/Clear	
Sunny / Party Cloudly	
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: SW-1, Slit trench. Backfill.

Photo 2



Eastside: Southern rib.

Photo 3



Eastside: Southern Rib.

Photo 4



Eastside: N. Beta Ditch.