

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	20-Jan-10	547

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-8586
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution.com	720-641-8860

Conditions				Temp (F)		Wind		Add'l Readings	
AM	Light Rain	PM	Rain	Low	35			Precip. (in/Dy.)	0.31
				High	48	SSE	8mph	Humidity (%)	0

Night Shift, canceled due to weather.

[illegible]

Name	Position	Trade / Work Performed	YN
Greg Corcoran	Design Engineer	Oversight	N
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Samon Littlefield	QA/QC Tech	Oversight	Y
Gracianno Malina	QA/QC Tech	Oversight	N
Victor Heredia	QA/QC Tech	Oversight	Y
John Duncan	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	- - - -
JLG	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU and Eastside.	- - - -
Chelstain 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		

Day Shift:

- Continued working on final scrape in Beta Ditch, SW, HP and CTR ponds. Hauling material to Beta Ditch stockpile.
- GES/Eagle, continued collecting samples in spray wheel. As weather permitted.

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CAMU Activity:

- Day Shift

- Continued placing interim cover on Phase IV.
- Continued crushing rock for gravel mulch.
- ESI liner crew continued installing geosynthetics on Phase I and Phase II. As weather permitted.
- Continued placing 1" minus final cover on geosynthetics at Phase I and Phase II.
- GES, collected leachate samples from LCRS, Phase II and Phase V sumps.
- Entact monitored LCRS, Phase I, Phase II and Phase IIIB and Phase V sumps.

- Night Shift:

- No activities, due to inclement weather.

Embankment

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

Sump/Vadose Monitoring:

Phase I: LCRS Sump: Measurement taken: (1,192) Water Pumped: (N/A).
 Vadose: Measurement taken: (0.583) Water Pumped: (N/A).

Phase II: LCRS Sump: Measurement taken: (2,525) Water Pumped: (767 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: (2,300) Water Pumped: (415 gal).
 Vadose: Measurement taken: (N/A) Water pumped: (N/A).

Inspections: CAMU: N/A.

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

Phase I

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

To Date Phase I estimated cumulative waste placed = 372,886 cy

Phase II

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

To Date Phase II estimated cumulative waste placed = 1,072,405 cy

Phase IIIA

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

To Date Phase IIIA estimated cumulative waste placed = 222,174 cy

Phase IIIB

Previous Daily Cumulative = 439,547 cy
 Operations layer placed (completed) for liner certification. = 21,978 cy

Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/d (0) trucks = cy
 Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = cy

To Date Phase IIIB estimated cumulative waste placed = 439,547 cy

Phase IV

Previous Daily Cumulative = 434,225 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: (0) loads @ 21cy/load (0) trucks = cy

To Date Phase IV estimated cumulative waste placed = 434,225 cy

Phase V

Previous Daily Cumulative = 345,744 cy
 Operations layer placed (completed) for liner certification = 40,284 cy

Daily Day shift waste placed from: Eastside and Galleria (0) loads @ 17 cy/load (0) trucks = cy
 Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = cy

To Date Phase V estimated cumulative waste placed = 345,744 cy

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey 123,750 cy

Cumulative Total To Date All Phases = 3,010,731 cy

Estimated Waste at Completion (cy) 2,900,000 % Complete 103.8%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Placed
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	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
Phase V			
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	620,514	44,000	664,514
Geomembrane	620,514	44,000	664,514
Geocomposite	614,800	0	614,800

		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	4,338,952	4,151,232	104.5%	6,534,075	66.4%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Slippery conditions, three points of contact getting up and down in equipment.
CAMU Day: Discussed: Slippery conditions, three points of contact getting up and down in equipment.
Night shift CAMU & Eastside: No activities, night shift canceled due to inclement weather.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

- Monitored the installation of interim cover.
- Monitored the installation of final cover.
- Monitored the installation of geosynthetics.

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

20-Jan-10

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

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIA.

Photo 2



CAMU: Phase II, east slope.

Photo 3



CAMU: NW detention basin.

Photo 4



CAMU: Phase II, east slope.