

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Nov-09	490

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	720-641-5866

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	41	Precip. (in/hr)	0
				High	70	NNE	3mph
Additional Weather Comments							

[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	N

[illegible][illegible]

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Qty	Spec
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 Driving Activity:

Day Shift:

- Continued excavating and stockpiling material in PUB-9, PUC-8, HP ponds.
- Continued final scrape of SW-7 North berm and WST ponds, along with haul runs. Hauled material to Beta Ditch stockpile.
- Continued material to CAMU in OTR trucks for placement from the SW berms.
- SW-7 floor and CTR-3, loading out and hauling to Beta Ditch stockpile.
- Galleria scrape, continued scraping in Parcel 10 and hauled material to CAMU in OTR trucks.

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-Night Shift:
- Hauled material from PUB-9, HP-2/3 and Beta Ditch stockpiles.

CAMU Activity:

- Day Shift
- Placed material from Galleria and Eastside into Phase V.
- Continued placing and grading final cover soil on Phase IIIA.
- Continued grading waste in Phase I, Phase II and Phase IIIB.
- ESI continued installing geosynthetics on slopes of Phase II.
- GES on site, collected water samples from Phase II and Phase V sumps.
- Entact monitored Phase I, Phase II, Phase IIIB and Phase V sumps.
- Continued powerscreening the 200,000 cy stockpile.

- Night Shift:
- Placed material in Phase II, Phase IIIB and Phase IV.

Embankment

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

Sump/Vadose Monitoring:

Phase I: LCRS Sump: Measurement taken: (1.3) Water Pumped: (N/A).
Vadose: Measurement taken: (0.583) Water Pumped: (N/A).

Phase II: LCRS Sump: Measurement taken: (2.733) Water Pumped: (1,145 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: (1.342) Water Pumped: (150 gal).
Vadose: Measurement taken: (N/A) Water pumped: (N/A).

Inspections: CAMU: NA

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 = 1,072,153 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: (8) loads @ 21 cy/load (1) trucks = 168 cy
To Date Phase II estimated cumulative waste placed = 1,072,321 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 = 350,234 cy
Operations layer placed (completed) for liner certification. = 21,978 cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/l/d (0) trucks = cy
Daily Night shift waste placed today: (185) loads @ 21cy/load (19) trucks = 3,885 cy
To Date Phase IIIB estimated cumulative waste placed = 354,119 cy

Phase IV

Previous Daily Cumulative = 232,014 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: (182) loads @ 21cy/load (17) trucks = 3,822 cy
To Date Phase IV estimated cumulative waste placed = 235,836 cy

Phase V

Previous Daily Cumulative = 105,573 cy
Operations layer placed (completed) for liner certification = 40,284 cy
Daily Day shift waste placed from: Galleria/Eastside (306) loads @ 17 cy/load (20) trucks = 5,202 cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = cy
To Date Phase V estimated cumulative waste placed = 110,775 cy

	Estimated Waste at
	Completion
Cumulative Total To Date All Phases =	(cy)
2,629,910 cy	2,700,000
	% Complete
	97.4%

Geosynthetics Placed

	Previous	Placed	Cumulative Placed
Phase I (complete)			
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
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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Debris Storage Area (complete)

CAMU Cover

Geosynthetic System Cumulative Total To Date All CAMU Phases	4,068,952	4,151,232	98.0%	6,534,075	62.3%
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HEALTH & SAFETY	
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
Safety Topic: Eastside Day: Zero energy, on equipment before performing work. CAMU Day: Zero energy, on equipment before performing work. Night shift CAMU & Eastside: Discussed. Freezing conditions.	

<p>CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL <i>Assurance/Quality Control Actions Taken Today / Quality Inspections Conducted</i></p> <p>Daily CQA Summary Monitor waste placement into the CAMU of Galleria and Eastside material during the day shift. Monitor waste placement into the CAMU of Eastside material during the night shift. Monitor the installation and grading of final cover soils for CAMU Closure. Monitor the installation of geosynthetics. Perform eastside waste sampling as requested by Entact.</p>	
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ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Agency Concerns / Comments / Topics

Based on 10-31-09 survey data, one time adjusted number to waste cumulative total to date all phases, 261,799.

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Richard Laubinger, Construction Manager

18-Nov-09

Sunny/Clear

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Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase II.

Photo 2



CAMU: Phase II.

Photo 3



CAMU: Phase II.

Photo 4



CAMU: Phase II.