

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Jan-10	532

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 / Partly Cloudy	PM	Sunny / Partly Cloudy	Low	35		Precip. (in/hr)	0	
				High	61	N	3mph	Humidity (%)	0
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
Samon Liddell	QA/QC Tech	Oversight		Y
Graciano Malina	QA/QC Tech	Oversight		Y
John Duncon	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 (5)	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.	- - - -
Chelmin 1400 Powerscreener	CAMU	- - - -
		- - - -
		- - - -
		- - - -
		- - - -

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	

Estimate Mixing and Drying Activity:

Day Shift:

- PUA-10, CTR-1 and CTR-4, continued excavating and stockpiling.
- SW and HP ponds continued scrape and hauling material to Beta Ditch stockpile.
- SW ponds loading out OTR trucks and transporting to CAMU for placement.
- Galleria scrape continued loading out OTR trucks from Parcel 9 and hauling to CAMU for placement.

Night Shift:

- PUA-10, CTR-1 and CTR-4, continued excavating and stockpiling.

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<div>- Hauled material from CTR-1, and Beta Ditch stockpiles.</div> <div>CAMU Activity:<div>- Day Shift:<div>- Phase V, continued placing material from Eastside and Galleria.</div><div>- Phase I, Phase II, Phase IIIB, continued finish grading interim cover.</div><div>- Phase II, placed cover soil.</div><div>- Phase IIIB, Phase IV and Phase V, graded waste with excavator on slopes and D6 dozer.</div><div>- ESI liner crew in mandatory 10 hour OSHA training.</div></div><div>- Night Shift:<div>- Placed material in Phase IIIB and Phase IV.</div></div></div> <div>Embankment<div>- Phase I embankment, complete.</div><div>- Phase I estimated cumulative embankment placed:</div><div>- Phase II embankment , complete.</div></div> <div>Sump/Vadose Monitoring:<div>Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div> Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div> Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div><div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div> Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div> Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div></div> <div>Inspections: CAMU: Subgrade inspection performed on Phase I, Phase II, Phase IIIB east slope and top. Approved for liner.</div> <div>Eastside: Fence perimeter inspected, all secure.</div>			

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 =	438,728 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: (13) loads @ 21cy/load (1) trucks =	273 cy
To Date Phase IIIB estimated cumulative waste placed =	439,001 cy
Phase IV	
Previous Daily Cumulative =	383,972 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: (371) loads @ 21cy/load (19) trucks =	7,791 cy
To Date Phase IV estimated cumulative waste placed =	391,763 cy
Phase V	
Previous Daily Cumulative =	275,095 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Eastside and Galleria (160) loads @ 17 cy/load (12) trucks =	2,720 cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase V estimated cumulative waste placed =	277,815 cy
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750 cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion	
	(cy)	% Complete
	2,899,000	100.0%

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

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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 201

GCL	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

	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	4,068,952	4,151,232	98.0%	6,534,075	62.3%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Refocusing, first day back from holiday.
CAMU Day: Discussed: Refocusing, first day back from holiday.
Night shift CAMU & Eastside: Discussed: Reporting injuries.

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 material on the day shift.
Monitored waste placement into the CAMU of eastside material on the night shift.
Monitored placement of interim cover.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Subgrade inspection performed on Phase I, Phase II and Phase IIIB, east slope and top. Approved for liner installation.

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

5-Jan-10

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



BRC trailer relocating to CAMU.

Photo 2



BRC trailer relocated to CAMU.

Photo 3



CAMU: Phase I, Phase II, Phase IIIB, East slope.

Photo 4



Eastside. HP ponds.