

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	17-Jul-09	367

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjati Sahu	sahuranj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard L Aubinor	Richard.L.aubinor@westonsolution.com	770-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	88			Precip. (in/Dy)	0
				High	115	SE	8 mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	YN
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	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schraette	QA/QC Tech	Oversight	Y

[illegible]

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	Y
Brian Raklica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linier Inspector	N
PBS&J, Survey	Surveyors	Survey, 7A	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 and CAMU, Western Hook	- - - -
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 D9 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, Phase 1	- - - -
Cheliant 1400 Powerscreener	CAMU	- - - -
		- - - -
		- - - -
		- - - -
		- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Qty	Spec
GCL	CETCO	0	rolls	For CAMU, On site		2271	
Geomcomposite	Agru	0	rolls	For CAMU, On site		2442	
Geomembrane	Agru	0	rolls	For CAMU, On site		558	

Eastside Mixing and Drying Activity:

Day Shift:

- PUF-3 pond, excavating and loaded out, hauled to Beta ditch stockpile.
- SW-12 pond, continued mixing line and haul with long stick excavator, Loading out, hauling to CTR ponds to dry.
- PUF-4 pond, continue loading, hauling to Beta ditch stockpile.
- PUF-5 pond, continue stockpiling.
- Western Hook, continued loading out material and hauling to CAMU, Phase IIB.
- D8 dozer mixing material for drying.

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<div>- SW-12 pH: 6.</div> <div>- Night Shift:</div> <div>- Hauled material from Beta Ditch stockpile and CTR -2 stockpile to Phase IIIB and Phase IV.</div> <div>- CAMU Activity:</div> <div>- Day Shift</div> <div>- Phase IV, push out operations layer.</div> <div>- Phase IIIA, grading waste on north slopes.</div> <div>- Scrape dirty haul road east of Phase V.</div> <div>- Continue grading Phase V.</div> <div>- Phase V, excavating east end hauling to SE-1, Silt trench for backfilling operation.</div> <div>- RCP Storm pipe installation continued west from manhole # 3.</div> <div>- Entact installed exclusion zone fence on the north and south berm.</div> <div>- Night Shift:</div> <div>- Continued placing material in Phase IIIB.</div> <div>- Continued placing operations layer in Phase IV.</div> <div>- Embankment</div> <div>- Phase 1 embankment, complete.</div> <div>- Phase 1 estimated cumulative embankment placed:</div> <div>- Phase II embankment, complete.</div> <div>- Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div> <div>Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div> <div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A) Vadose: Measurement taken: (N/A) Water Pumped: (N/A)</div> <div>- Inspections: CAMU: Weston monitored sump access. N/A.</div> <div>Fastlane: Inspected perimeter fence. 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 =	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 =	812,872 cy
Operations layer placed (completed) for liner certification. = 37,188	cy
Daily Day shift waste placed today: () loads @ 18 cy/load () trucks =	cy
Daily Day shift waste placed today: Silt Trenches, (0) loads @ 18cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase II estimated cumulative waste placed =	812,872 cy
Phase IIIA	
Previous Daily Cumulative =	217,188 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: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IIIA estimated cumulative waste placed =	217,188 cy
Phase IIIB	
Previous Daily Cumulative =	85,536 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed today: From, Western Hook, (80) loads @ 18 cy/load (10) trucks =	1,440 cy
Daily Night shift waste placed today: (106) loads @ 18cy/load (9) trucks =	1,908 cy
To Date Phase IIIB estimated cumulative waste placed =	88,884 cy
Phase IV	
Previous Daily Cumulative =	23,436 cy
Operations layer placed directly in Phase IV today: (232) loads @ 18 cy/load (18) trucks =	4,176 cy
Daily Day shift waste placed today: From ??, (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IV estimated cumulative waste placed =	27,612 cy
Phase V	
Previous Daily Cumulative =	cy
Operations layer placed (completed) for liner certification. = ?	cy
Daily Day shift waste placed today: From ??, (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase V estimated cumulative waste placed =	0 cy

Cumulative Total To Date All Phases =		1,437,756 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	70.1%
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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	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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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 (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	3,115,785	4,151,232	75.1%	6,534,075	47.7%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed BBS Safety and what it means, heat stress, excessive heat warning.
CAMU Day: Discussed BBS Safety and what it means, heat stress, excessive heat warning.
Night shift CAMU & Eastside: Discussed tarping into the wind and last work day stay focused.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored the installation of operations layer in Phase IV, on the night shift.
Monitored waste placement into the CAMU of eastside materials on the day and night shift.
Monitored the installation of operational fill in Phase IV on the day shift..
Monitor backfilling of slit trenches in Phase V on the day shift.
Monitor the excavation and construction of stormwater piping and manholes.

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

17-Jul-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

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IV, Operations layer.

Photo 2



CAMU: RCP, Stormdrain system installation.

Photo 3



CAMU: Phase II, Interim cover.

Photo 4



Eastside: SW-12 pond.