

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	06-Jul-09	356

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	82		Precip. (in/hr)	0
				High	108	SW 12 mph	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
Stuart Irvin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Kenneth Liddell	QA/QC Tech	Oversight	Y
Victor Hensley	QA/QC Tech	Oversight	Y
Keith Stradell	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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector.	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dook Kim, ATC	Field Observation	For AIG	Y
Brian Ralvica	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	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		

Eastside Mixing and Drying Activity:

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- SW-12, pH: 6.
- Night Shift:
- Hauled material from Beta ditch stockpile and the North Beta Ditch 1" minus stockpile.
CAMU Activity:
- Day Shift:
- SE-2, Silt trench, continue excavation east, beyond design limits loading out trash and debris, hauling to Phase II for placement.
- Phase II, placed waste from SE-2 silt trench and Western hook.
- Phase IIIA, dozer worked on grading slopes in preparation for interim cover.
- Phase IV, continue backfilling anchor trenches.
- Phase IV, ESI continued to install geosynthetics.
- Phase V, continued grading cell floor.
- Entact checked the water level in Phase I LCRS sump and the vadose zone. Also Phase II LCRS sump.
- GES collected water samples from Phase I LCRS sump and monitoring well next to Phase I. Also Phase II LCRS sump.
- Night Shift:
- Continued placing material in Phase IIIB.
- Placed 1" minus operations layer material in 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: (2.90) Water Pumped : (1,073 gal).
Vadose: Measurement taken: (0.60) Water Pumped: (N/A).
Phase II: LCRS Sump: Measurement taken: (1.7). Water Pumped: (800 gal).
Vadose: Measurement taken: (NA) Water pumped: (N/A).
Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A)
Vadose: Measurement taken: (NA) Water Pumped: (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 =	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 =	795,466	cy
Operations layer placed (completed) for liner certification. = 37,188		
Daily Day shift waste placed today: Western Hook (98) loads @ 18 cy/load (10) trucks =	1,764	cy
Daily Day shift waste placed today: Silt Trenches, (60) loads @ 18cy/load (4) trucks =	1,080	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		
To Date Phase II estimated cumulative waste placed =	798,310	cy
Phase IIIA		
Previous Daily Cumulative =	217,188	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)		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 =	45,252	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (120) loads @ 18cy/load (9) trucks =	2,160	cy
To Date Phase IIIB estimated cumulative waste placed =	47,412	cy
Phase IV		
Previous Daily Cumulative =	6,462	cy
Operations layer placed directly in Phase IV today: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (133) loads @ 18cy/load (10) trucks =	2,394	cy
To Date Phase IV estimated cumulative waste placed =	8,856	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

Estimated Waste at	
Cumulative Total To Date All Phases =	1,362,966 cy
Completion (cy)	2,050,000
% Complete	66.5%

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	326,000	50,000	376,000
Geomembrane	326,000	50,000	376,000
Geocomposite	250,000	0	250,000
Geotextile	0	0	0
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	% 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	3,031,843	4,151,232	73.0%	6,534,075	46.4%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed skin protection from the sun.
CAMU Day: Discussed skin protection from the sun.
Night shift CAMU & Eastside: Discussed truck housekeeping.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement of eastside material into the CAMU, Phase IIIB on the night shift.
Monitored the installation of operations layer placement in Phase IV, on the night shift.
Monitored waste placement of silt trench material into Phase II CAMU on the day shift.
Monitored waste placement of eastside material into Phase II CAMU on the day shift.
Monitored the installation of geosynthetics in Phase IV.
Monitored backfilling of anchor trench in Phase IV.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Automobile accident in intersection of Boulder Hwy and West Warm Springs. Entact not involved. Stop work was exercised and Entact personnel helped in directing traffic, etc.

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

6-Jul-09

Signature _____

Weather Table

Sunny/Clear	☀
Sunny / Partly 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



Eastside: Western Hook.

Photo 2



Eastside: 50' X 50' soil removal in sewer alignment corridor.

Photo 3



CAMU: Phase V Cell Floor.

Photo 4



CAMU: SE-2, Slit trench.