

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	20-Aug-09	401

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	83		Precip. (in/hr)	0
				High	111	E 3 mph	Humidity (%)	0
Additional Weather Comments								

[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 Schradt	QA/QC Tech	Oversight	Y

Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	
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	Y

[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:

- Day Shift,
 - PUE-3, PUE-4 and WST-4, continued excavating and hauling to Beta Ditch stockpile.
 - PUE-8, scraping and loading out roadway, hauling to Beta Ditch stockpile.
 - PUE-6, excavating and stockpiling.
 - D8 dozer continued disking and pushing up dried material.
 - Power screener continued screening in Beta Ditch, 1" and 6" minus operations latter material for Phase V.
 - Western Hook began loading out soils with OTR trucks.

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<div>- Southern Rib, new fence installation continues. - SW-12 pH.6.</div> <div>-Night Shift: - Hauled material from Beta Ditch, PUD and PUE row stockpiles.</div> <div>CAMU Activity:</div> <div>- Day Shift - Phase V, grading and rolling floor as needed. - Phase II and Phase IIIB, placed interim cover on slopes. - ESI continued installing geosynthetics in Phase V. - Continued installing 60" pipe from MH 9 to storm drain headwall #3. Began forming headwall. - Continued backfill and compacting around manholes 1,2 &3.</div> <div>-Night Shift: - Placed material in Phase I, Phase II and Phase IV.</div> <div>Embankment - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: - 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). Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). 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)</div> <div>Inspections: CAMU: 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 =	297,516 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: (46) loads @ 18cy/load (10) trucks =	828 cy
To Date Phase I estimated cumulative waste placed =	298,344 cy
Phase II	
Previous Daily Cumulative =	853,210 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: From Western Hook (97) loads @ 18 cy/load (13) trucks =	1,746 cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (99) loads @ 18cy/load (16) trucks =	1,782 cy
To Date Phase II estimated cumulative waste placed =	856,738 cy
Phase IIIA	
Previous Daily Cumulative =	222,174 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Operations layer placed (completed for liner certification = 21,276)	0 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
Phase IIIB	
Previous Daily Cumulative =	169,758 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (159) loads @ 18cy/load (16) trucks =	2,862 cy
To Date Phase IIIB estimated cumulative waste placed =	172,620 cy
Phase IV	
Previous Daily Cumulative =	66,546 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (26) loads @ 18cy/load (3) trucks =	468 cy
To Date Phase IV estimated cumulative waste placed =	67,014 cy
Phase V	
Previous Daily Cumulative =	0 cy
Operations layer placed (completed) for liner certification. = ?	0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase V estimated cumulative waste placed =	0 cy

Cumulative Total To Date All Phases =		1,616,890 cy	Estimated Waste at Completion (cy)	% Complete
			2,050,000	78.9%

Geosvnthetics 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	310,000	45,000	355,000
Geomembrane	310,000	45,000	355,000
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	3,470,785	4,151,232	83.6%	6,534,075	53.1%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Reviewed incidents from other projects.
CAMU Day: Site traffic, with Western Hook OTR trucks during the day.
Night shift CAMU & Eastside: Review incidents from other projects.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

- Monitor waste placement into the CAMU of eastside material on the night shift
- Monitor waste placement into the CAMU of Western Hook material on the day shift..
- Monitor subgrade preparation in Phase V.
- Monitor the installation of geosynthetics in Phase V.
- Monitor waste slope regrading and placement of interim cover in Phase I and Phase II.
- Monitor the construction and backfilling of storm drain system.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Western Hook: Began hauling material to CAMU during the day shift.

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

20-Aug-09

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



Southern Rib: New fence installation.

Photo 2



CAMU: Phase V.

Photo 3



CAMU: 60" RCP storm drain pipe outlet to Manhole #8.

Photo 4



CAMU: Phase V.