

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-Sep-09	439

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	73			Precip. (in/hr)	0
				High	102	S	10 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 Irwin	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	

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 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 09 Dozer	Eastside	- - - - -
Water Trucks (4)	CAMU	- - - - -
CAT D-6 Dozer, (3)	CAMU	- - - - -
CAT 14H Grader	CAMU	- - - - -
Gradall, forklift	CAMU	- - - - -
J.G.	CAMU	- - - - -
Smooth drum Rollers, (3)	CAMU	- - - - -
Tenent Street Sweeper	Eastside and CAMU	- - - - -
Komatsu Loader	CAMU, Phase 1	- - - - -
Chelmin 1400 Powerscreener	CAMU	- - - - -

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		

Estaside Mixing and Drying Activity:

Day Shift:

- Continued excavating in PUB-8 and PUC-6, hauling material to Beta Ditch stockpile.
- Continued excavating road south of PUC-6, hauling material to Beta Ditch stockpile.
- Continued excavating along sewer realignment by PUB-9PUC-8, mixing and stockpiling material.
- Loaded and pushed up material from WST-3/4-5 and SW-12, previously spread out to dry.
- Mixed and stockpiled material in PUB-8 and PUB-9.
- Continued excavating wet material out of WST-3 and WST-5 and spreading out to dry.
- Discarded material from two of barrels to SC-4.

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<div>- Excavated material from top of berms in SC-1. - Continued installing orange construction fence along sewer realignment corridor. - Western Hook continued hauling stockpiled material to the CAMU with OTR trucks.</div> <div>- Night Shift: - Hauled material from Beta Ditch, SC-1 and SW-4 stockpiles.</div> <div>CAMU Activity: - Day Shift - Graded waste in Phase I, Phase II and Phase IIIB. - Continued placing material from Western Hook into Phase II. - Continued rolling Phase IIIA. - Continued finish grading in Phase IIIB. - Extract monitored leachate in Phase I and Phase II. - Night Shift: - Placed material in Phase I, Phase II, Phase IIIB 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: <div>Phase I: LCRS Sump: Measurement taken: (1.4) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).</div><div>Phase II: LCRS Sump: Measurement taken: (0.9) Water Pumped: (1,200 gal). 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> <div>Inspections: CAMU: N/A. Fastlane: Fence line on eastside perimeter inspected. All secure.</div>	
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Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Phase IV,V scrape & Phase IIIB trench excavation. 0 loads @ 21 cy/load (0 trucks) = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase I estimated cumulative waste placed =		314,886 0 0 0 314,886 cy
Phase II Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 37,188 Daily Day shift waste placed today: From Western Hook (138) loads @ 18 cy/load (14) trucks = Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks = Daily Night shift placed today: (2) loads @ 18cy/load (1) trucks = To Date Phase II estimated cumulative waste placed =		1,011,178 0 2,484 0 36 1,013,698 cy
Phase IIIA Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = Operations layer placed (completed for liner certification = 21,276) Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase IIIA estimated cumulative waste placed =		222,174 0 0 0 0 222,174 cy
Phase IIIB Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase IIIB estimated cumulative waste placed =		202,788 0 0 0 202,788 cy
Phase IV Previous Daily Cumulative = Operations layer placed (completed) for liner certification = 37,314 Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (343) loads @ 18cy/load (18) trucks = To Date Phase IV estimated cumulative waste placed =		90,288 0 0 6,174 96,462 cy
Phase V Previous Daily Cumulative = Operations layer placed (completed) for liner certification = 40,284 Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase V estimated cumulative waste placed =		40,284 0 0 0 40,284 cy

Cumulative Total To Date All Phases =	1,890,292 cy	Estimated Waste at Completion (cy)	% Complete
		2,400,000	78.8%

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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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
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	3,674,438	88.5%	6,534,075	56.2%

HEALTH & SAFETY
<i>Description of Health & Safety Actions Taken Today / Safety Inspections Conducted</i>
Safety Topic: Eastside Day: Communication. CAMU Day: Communication. Night shift CAMU & Eastside: Discussed: Prepare for change in weather this week, prepare for high winds and dress warmer.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL
Daily COA Summary Monitor waste placement into the CAMU of western hook material during the Day shift. Monitor waste placement into the CAMU of eastside material during the Night shift. Monitor the installation of interim cover for CAMU closure.

ISSUES AND/OR ITEMS OF DISCUSSION
<i>Discussion of Issues / Concerns / Conversations / Topics</i>

SITE VISITORS					
Name	Organization	Purpose of Visit			

Report Prepared By / Title	Date Prepared	Signature
Richard Laubinger, Construction Manager	28-Sep-09	

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, Haul truck.

Photo 2



Eastside: Haul truck.

Photo 3



Eastside: Dry ponds excavation.

Photo 4



Western Hook.