

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	24-Jul-09	374

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	720-641-5860

Conditions				Temp (F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Cloudy	Low	81			Precip. (in/Dy.)	0
				High	100	SE	7 mph	Humidity (%)	0

ON-SITE WESTON PERSONNEL

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Name	Position	Trade / Work Performed	Y/N
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 Irvin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Hernandez	QA/QC Tech	Oversight	Y
Keith Stradette	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	Linear Inspector.	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dook Kim, ATC	Field Observation	For AIG	N
Brian Ralvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
PBS&J, Survey	Surveyors	Survey, 7A	N

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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 68R 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 98 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	- - - -
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	

Description of Work Executed Today

100

- Eastside Mixing and Drying Activity:**
- Day Shift:
- PUE-3, continued loading out material and hauling to Beta stockpile.
 - PUF-5, continued loading out material and hauling to Beta Stockpile.
 - PUE-7 continued loading out material and hauling to the Beta stockpile.
 - PUE-7, stockpiling material with long stick excavator.
 - D8 dozer continued dicing/mixing previously spread material for drying.
 - Western Hook, scraping and stockpiling. No hauling.

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<div>- SW-12, pH: 6.</div> <div>- Night Shift:</div> <div>- Loaded out and hauled material from Beta Ditch stockpile and PUD row stockpile.</div> <div>- CAMU Activity:</div> <div>- Day Shift</div> <div>- Phase IIIA, grading waste on north slope and top, etc, continued.</div> <div>- SE-2 silt trench, backfilling and compacting. Receiving material from the 200,000 cy stockpile.</div> <div>- Phase V, continued excavating cell to the east, shaping slopes and grading floor continued.</div> <div>- Storm drain 42" RCP pipe, continued installation, west from manhole #2 to manhole #1.</div> <div>- Entact measured depth of water in Phase I LCRS sump and Vadose zone. Also Phase II LCRS sump.</div> <div>- Litter fence decontaminated and removed from Phase II.</div> <div>- Night Shift:</div> <div>- Continued placing material in Phase IIIB.</div> <div>- Embankment</div> <div>- Phase I 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: (2.3) Water Pumped : (N/A).</div> <div>- Vadose: Measurement taken: (0.6) Water Pumped: (N/A).</div> <div>- Phase II: LCRS Sump: Measurement taken: (1.5) Water Pumped: (N/A).</div> <div>- Vadose: Measurement taken: (NA) Water pumped: (N/A).</div> <div>- Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A)</div> <div>- Vadose: Measurement taken: (NA) Water Pumped: (N/A)</div> <div>- Inspections: CAMU: Weston monitored sump access. N/A</div> <div>- Eastside: Inspected perimeter fence. All secure. Permanent repairs were performed today.</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 =	814,222	cy
Operations layer placed (completed) for liner certification. = 37,188		cy
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Slit 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 =	814,222	cy
Phase IIIA		
Previous Daily Cumulative =	219,366	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 =	219,366	cy
Phase IIIB		
Previous Daily Cumulative =	103,212	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (335) loads @ 18cy/load (19) trucks =	6,030	cy
To Date Phase IIIB estimated cumulative waste placed =	109,242	cy
Phase IV		
Previous Daily Cumulative =	37,314	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: (0) loads @ 18cy/load (0) trucks =		cy
To Date Phase IV estimated cumulative waste placed =	37,314	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 =		1,471,344 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	71.8%
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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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Debris Storage Area (complete)

CAMU Cover

Geosynthetic System Cumulative Total To Date All CAMU Phases	3,115,785	4,151,232	75.1%	6,534,075	47.7%
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HEALTH & SAFETY	
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
Safety Topic: Eastside Day: Discussed seat belts wear them at all times. CAMU Day: Discussed seat belts wear them at all times. Night shift CAMU & Eastside: Discussed Flaggers to be in position after lunch.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL
 Approved General Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary
 Monitored the waste placement into the CAMU of elastice material on the night shift.
 Monitored construction of north and east sideslopes Phase V.
 Monitored backfilling of slit trenches in Phase V on the day shift.
 Monitored the excavation and construction of stormwater piping.
 Monitored the regrading of waste slopes in Phase IIIA for interim cover.

ISSUES AND/OR ITEMS OF DISCUSSION	
Discussion of Issues / Concerns / Conversations / Topics	
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Richard Laubinger, Construction Manager

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: 42" storm drain pipe, backfilled. From manhole #3 to #2.

Photo 2



CAMU: 42" storm drain pipe, location for manhole #3.

Photo 3



CAMU: Drillers access tronox from haul road.

Photo 4



CAMU: SE-2, backfill and compacting.