

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-Oct-09	453

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	702-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy / Partly Sunny		PM	Cloudy		Low	56	Precip. (in/hr)	0
				High	78	SE	15 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	Y
Graciano Malana	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	

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	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	-
J.G.	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	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		

- Day Shift:
 - PUB-8 and HP-3 berms, loading OTR trucks and hauling to CAMU for placement.
 - PUB-9 and PUB-8, continued excavating, loading and hauling material to Beta Ditch stockpile.
 - Continued excavating roads south of PUB-7 and PUE-7, loading and hauling material to Beta Ditch stockpile.
 - Continued excavating along sewer realignment in PUB-9, PUC-8 and PUA-10, mixing and stockpiling material.
 - SW-12, and WST-3, discing and pushing up previously spread dirt over material.
 - Continued installing construction fence in pipe line corridor.
- Weekend/night shifts: loading and hauling OTR aggregate, hauling material to CAMU for placement.

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<div>- Western Hook, continued loading out OTR trucks, hauling material to CAMU for placement.</div> <div>- Night Shift:</div> <div>- Hauled material from SC-1, SW-7 and Beta Ditch stockpiles.</div> <div>CAMU Activity:</div> <div>- Day Shift:</div> <div>- Placed material from Western Hook and Eastside into Phase II and Phase IIIB.</div> <div>- Phase IIIA, continued finish grading on slopes.</div> <div>- Phase II, grading waste.</div> <div>- NW Basin, trash rack installed.</div> <div>- Entact monitored leachate in Phase I and Phase II sumps.</div> <div>- Night Shift:</div> <div>- Placed material from eastside in CAMU, Phase IIIB and 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:</div> <div>Phase 1: LCRS Sump: Measurement taken: (1.5) Water Pumped: (N/A).</div> <div>Vadose: Measurement taken: (0.6) Water Pumped: (N/A).</div> <div>Phase II: LCRS Sump: Measurement taken: (0.9) Water Pumped: (1,220 gal).</div> <div>Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div> <div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div> <div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div> <div>Inspections: CAMU: Phase IIIA Cap subgrade at east end first tier, inspected, minor items identified and repaired. This portion of subgrade was approved.</div> <div>Eastside: Inspected perimeter fence, found one opening, made temporary repair.</div>			

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I	
Previous Daily Cumulative =	315,300 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: (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 =	315,300 cy
Phase II	
Previous Daily Cumulative =	1,029,952 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Western Hook, (61) loads @ 18 cy/load (7) trucks =	1,098 cy
Daily Day shift waste placed today: Eastside Waste, (134) loads @ 18cy/load (9) trucks =	2,412 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase II estimated cumulative waste placed =	1,033,462 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: (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 =	251,250 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed from: Eastside/Western Hook (0) loads @ 18 cy/ld (0) trucks =	0 cy
Daily Night shift waste placed today: (176) loads @ 18cy/load (16) trucks =	3,168 cy
To Date Phase IIIB estimated cumulative waste placed =	254,418 cy
Phase IV	
Previous Daily Cumulative =	127,080 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (203) loads @ 18cy/load (19) trucks =	3,654 cy
To Date Phase IV estimated cumulative waste placed =	130,734 cy
Phase V	
Previous Daily Cumulative =	49,266 cy
Operations layer placed (completed) for liner certification = 40,284	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 =	49,266 cy

		Estimated Waste at	
		Completion	% Complete
		(cy)	
Cumulative Total To Date All Phases =	2,005,354 cy	2,400,000	83.6%

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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DAILY PHOTO LOG

Photo 1



Phase IIIA.

Photo 2



Phase IIIA.

Photo 3



Phase IIIA.

Photo 4



NW Basin, Trash Rack.