



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Jul-09	363

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellinc.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution.com	720-641-8660

WEATHER CONDITIONS					
Conditions		Temp (°)	Wind	Add'l Readings	
AM	Sunny/Clear	84	SW 17 mph	Pradip. (in)	0
PM	Sunny / Partly Cloudy	106	SW 17 mph	Humidity (%)	0

Additional Weather Comments

ON-SITE WESTON PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services	Y
Dan Brennecke	Project Manager, CM	Construction Management Services	N
Richard Davis	Project Engineer	Construction Management Services	Y
Chris White	Assist. Const. Mgr	Construction Management Services	Y
Kevin Cooke	Assist. Const. Mgr	Construction Management Services	Y
June Laubinger	Admin Assistant	Construction Management Services	Y

ON-SITE GEOSYNTEC PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
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
Meghan Lithgow	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schraette	QA/QC Tech	Oversight	Y

ON-SITE SUPPORT PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N
Becky Davis, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL			
Name	Company	Trade / Work Performed	Y/N
Erik Gehring	Entact	Project Manager	Y
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	Y
Timothy Stadt, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Western Hook	Y
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	N
John Frazier, Days	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	N
Scott Zattari, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
Environmental Specialties, Inc.		Liner Crew, (1) Supt, 9 Laborers/ Seamers	Y
ABC Survey		Eastside/CAMU,	N

ON-SITE EQUIPMENT			
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 D6R Dozer with disc, (1)		Eastside	- - - -
CAT 345 excavators, (6)		Eastside and CAMU, Western Hook	- - - -
CAT 330 Excavator (1)		CAMU	- - - -
CAT 365 Excavator (1)		CAMU	- - - -
CAT D6 LGP Dozer (1)		Eastside	- - - -
Water Trucks (3)		Eastside	- - - -
Case backhoe		CAMU	- - - -
CAT 16H Grader		CAMU	- - - -
CAT D8 Dozer		Eastside	- - - -
Water Trucks (4)		CAMU	- - - -
CAT D6 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	- - - -
Chieftain 1400 Powerscreener		CAMU	- - - -

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)					
Material	Vendor	Today	UOM	Purpose	Delivery Verification
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

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- SC-1 continued excavating hauling wet material to CTR ponds to dry. Dry material to Beta ditch stockpile.
- PUF-3 pond, excavating and loaded out, hauled to Beta ditch stockpile.
- PUG ponds continued final scrape on road south, hauled to Beta ditch stockpile.
- PUE-6 pond, continued stockpiling material for loadout.
- D8 dozer pushed up dried material in stockpiles for loadout.
- SW-12 pH: 6.

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Night Shift:
 - Hauled material from Beta Ditch stockpile.
 - Hauled material from I' minus stockpile.

CAMU Activity:

Day Shift:
 - Phase IV, continue anchor trench backfill and compaction.
 - Phase IV, continue grading cell floor.
 - ESI liner crew continued installing geosynthetics.
 - Phase V, SE-2, Silt trench continued excavating beyond design limits on south slope, heading west.
 - Powerscreener continued screening I' and G' minus soils.
 - Phase 2 and Phase IIIA, continued placing interim cover.
 - GES collected water samples from Phase II sump and monitoring well next to Phase I sump.
 - Entact measured the water depth in Phase I sump and vadose zone. Also the Phase II sump.

Night Shift:
 - Continued placing material in Phase IIIB.
 - Continued placing operations layer in Phase IV.

Embankment
 - Phase 1 embankment, complete.
 - Phase 1 estimated cumulative embankment placed:
 - Phase 2 embankment, complete.

Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (1.9) Water Pumped: (N/A).
 Vadose: Measurement taken: (0.6) Water Pumped: (N/A).
 Phase II: LCRS Sump: Measurement taken: (1.8) Water Pumped: (699 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)

Inspections: CAMU I- Western monitored sump areas.

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 =	806,878 cy
	Operations layer placed (completed) for liner certification. = 37,188	3,249 cy
	Daily Day shift waste placed today: Western Hook (76) loads @ 18 cy/load (10) trucks =	1,368 cy
	Daily Day shift waste placed today: Silt Trenches, (43) loads @ 18cy/load (2) trucks =	774 cy
	Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
	To Date Phase II estimated cumulative waste placed =	809,020 cy
Phase IIIA	Previous Daily Cumulative =	217,188 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 =	217,188 cy
Phase IIIB	Previous Daily Cumulative =	70,722 cy
	Operations layer placed (completed) for liner certification. = 21,978	3,249 cy
	Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Night shift waste placed today: (180) loads @ 18cy/load (19) trucks =	3,249 cy
	To Date Phase IIIB estimated cumulative waste placed =	73,962 cy
Phase IV	Previous Daily Cumulative =	14,580 cy
	Operations layer placed directly in Phase IV today: (136) loads @ 18 cy/load (9) trucks =	2,448 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 IV estimated cumulative waste placed =	17,028 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 =	1,408,398 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	68.7%
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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	430,000	29,952	459,952
Geotextile	4,000	4,000	8,000
Phase V			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IV, Liner installation.

Photo 2



CAMU: SE-2, Slit trench.

Photo 3



CAMU: SE-2, Slit trench.

Photo 4



Eastside: SC-1 ponds.