



## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	11-May-09	302

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:lfarris@landwellco.com">lfarris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-5886
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution.com">Richard.Laubinger@westonsolution.com</a>	720-641-8660

### WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 74		Precip. (inches)
	PM	High 99	SW 13 mph	Humidity (%)

Additional Weather Comments

Calm to light wind. Some gusts in the afternoon.

### 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
Wayne Hodgson	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
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derossier	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Meghen Lithgow	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 Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jerry Fauchaux, 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, McGinley	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 Geringer	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	N
Michael Carlson	Entact	Engineer	N
Joe Curilla, Day	Entact	Health & Safety Officer	Y
Timothy Stadt, Day	Entact	Health and Safety Officer	N
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Ed Long, Day	Entact	CAMU, Superintendent	N
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	N
John Frazier, Nights	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	N
Scott Zattau, Day	Entact	Health & Safety Technician	N
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Carol McKenzie, Night/Day	Entact	Health & Safety Officer	N
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib, etc.	N
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	N
	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 D8R Dozer with disc, (1)		Eastside	-	-	-	-
CAT 345 excavators, (8)		Eastside and CAMU, Southern Rib	-	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-	-
Kobelco Excavator, (1)		CAMU	-	-	-	-
CAT D6 LSP Dozer (1)		Eastside	-	-	-	-
Water Trucks (3)		Eastside	-	-	-	-
Case backhoe		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
Water Trucks (4)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradafl		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	1612
Geocomposite	Agru	0	rolls	For CAMU, On site	2442
Geomembrane	Agru	0	rolls	For CAMU, On site	514

### WORK COMPLETED

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Description of Work Executed Today			
<b>Eastside Mixing and Drying Activity:</b>			
<b>Day Shift:</b>			
- Continued scraping and loading material on haul road next to PUB 3 & 4. Hauling to Beta ditch staging area.			
- Continued final scrape of floor and berms in PUA-8 and PUA-9. Hauling to Beta ditch staging area for night haul.			
- Tracking wet material from SW-7, spread out in dry ponds.			
- Scrape and stockpile Southern Rib.			
<b>Night Shift:</b>			
- Hauled 1" minus material from the Beta ditch staging area, stockpile.			
<b>CAMU Activity:</b>			
<b>Day Shift:</b>			
- Continued excavation of SW-1, Silt trench, and hauled to Phase II.			
- Continued excavation of NE-1 and NE-2 and hauled to Phase II.			
- ESI liner crew completed installation of geocomposite in Phase IIIB.			
- NE Equalization basin, working on final grading with D6 dozer.			
- Continued grading of floor and north slope in Phase IV.			
- Continued backfilling areas around stormdrain manholes.			
- Entact checked the water levels in Phase I and II LCRS sump, also Phase I vadose zone.			
- GES collected water samples from new well next to Phase I also Phase II LCRS sump.			
- BMI South Landfill continued subgrade preparation. A QA inspection was conducted and the subgrade was accepted for geosynthetics.			
<b>Night Shift:</b>			
- Continued placing material in Phase II.			
- Continued placement of 1" minus operations layer in Phase IIIB.			
<b>Embankment</b>			
- Phase 1 embankment, complete.			
- Phase 1 estimated cumulative embankment placed:			
- Phase II embankment , complete.			
<b>Sump/Vadose Monitoring</b> Phase 1: LCRS Sump: Measurement taken: (2.10). Water Pumped: (N/A).			
Vadose: Measurement taken. (0.64). Water Pumped: (N/A).			
Phase II: LCRS Sump: Measurement taken: (2.9). Pre-Sample, Water Pumped: (800 gallons).			
Vadose: N/A..			
<b>Inspections:</b> CAMU: Weston monitored sump access.			
BMI South Landfill. A QA inspection of the subgrade was performed of areas prepared and approved for geosynthetics.			
Eastside: Perimeter fence inspection, no findings, all secure.			

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

<b>Phase I</b>	
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
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>291,200 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	605,964 cy
Operations layer placed (completed) for liner certification. = 37,188	
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =	
Daily Day shift waste placed today: Silt Trenches, (123) loads @ 18cy/load (7) trucks =	2,214 cy
Daily Night shift placed today: (47) loads @ 18cy/load (9) trucks =	846 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>609,024 cy</b>
<b>Phase IIIA</b>	
Previous Daily Cumulative =	128,754 cy
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 =	
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>128,754 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	2,718 cy
Operations layer placed: (151) loads @ 18cy/load (10) trucks)	
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (225) loads @ 18cy/load (18) trucks =	4,050 cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>6,768 cy</b>

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =		1,035,746 cy	50.5%

Geosynthetics Placed

	Previous	Placed	Cummulative
<b>Phase I (complete)</b>			
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
<b>Phase II (complete)</b>			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
<b>Phase IIIA</b>			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
<b>Phase IIIB</b>			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	292,600	47,935	340,535
Geotextile	0	0	0
<b>Phase IV</b>			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
<b>Phase V</b>			
GCL	0	0	0



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



Eastside: Southern Rib.

Photo 2



Eastside: Southern Rib.

Photo 3



Eastside: Southern Rib.

Photo 4



Eastside: 7A haul Road scrape.