



## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-May-09	309

### 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	PM	Cloudy / Partly Sunny	Low	75			Precip. (in/Dy.)	
				High	102	SSW	15	Humidity (%)	

Additional Weather Comments

Wind was calm in the morning increased to 30 mph 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, Site Visit.	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
Stuart Irwin	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, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
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	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
Ed Long, Day	Entact	CAMU, Superintendent	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, Nights	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Carol McKenzie, Night/Day	Entact	Health & Safety Officer	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib, etc.	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 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	1781	
Geocomposite	Agru	0	rolls	For CAMU, On site	2442	
Geomembrane	Agru	0	rolls	For CAMU, On site	558	

### WORK COMPLETED

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Description of Work Executed Today

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- Completed final scrape on PUB road in Parcel 7A.
- Tracked and disced wet material from SW-7, spread out in dry ponds.
- Southern Rib. Scrape and stockpile. Preshoak with water truck.
- Western Hook, continued clearing and grubbing tamarisk and brush in ditch area.
- Continued North Beta ditch excavation, loading out and hauling to beta ditch staging area.
- Sampled SW-12, pH: 6.

**Night Shift:**

- No Activity.

**CAMU Activity:**

**Day Shift**

- Continued excavation of SW-1, SW-2 and SE-1, silt trench, using concrete breaker on yellow material and hauled to Phase II.
- Continued backfill in approved areas in Phase 4.
- Excavating SE-1, silt trench and hauling to Phase II landfill.
- ESI liner crew performed OC testing and repairs on BMI South Landfill.
- Continued grading the north slope in Phase IIIA
- Continued grading floor in Phase IV.
- Grading 24" operations layer in Phase IIIB.

**Night Shift**

- No Activity.

**Embankment**

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed:
- Phase II embankment , complete.

**Sump/Vadose Monitoring** Phase I: LCRS Sump: Measurement taken: (2.3ft) Water Pumped: (N/A)  
Vadose: Measurement taken: (0.64ft.) Water Pumped: (N/A)  
  
Phase II: LCRS Sump: Measurement taken: (0.7ft.) Water Pumped: (601 gal.).  
Vadose: Measurement taken: (Dry) Water pumped: (NA)

**Inspections:** CAMU: Weston monitored sump access.  
NPED oversight and Weston Inspected and cleared areas in silt treches SW-1 and SE-1.

Eastside: Perimeter fence inspection, All secure.

**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 = 630,282 cy  
Operations layer placed (completed) for liner certification. = 37,188 cy  
  
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks = cy  
Daily Day shift waste placed today: Silt Trenches, (151) loads @ 18cy/load (5) trucks = 1,530 cy  
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = cy  
**To Date Phase II estimated cumulative waste placed = 631,812 cy**

**Phase IIIA**

Previous Daily Cumulative = 135,324 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 = 135,324 cy**

**Phase IIIB**

Previous Daily Cumulative = 9,918 cy  
  
Operations layer placed: (0) loads @ 18cy/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 IIIA estimated cumulative waste placed = 9,918 cy**

	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
<b>Cummulative Total To Date All Phases =</b>	<b>1,068,254 cy</b>	<b>52.1%</b>

**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	340,535	0	340,535
Geotextile	50,000	0	50,000
<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



CAMU: Slit Trench SW-1 initial inspection.

Photo 2



CAMU Inspection of trench NE-1, pothole is to design elevation.

Photo 3



Eastside: The excavation in PUB 9.

Photo 4



Eastside: The haul road in PUB 6