



**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-May-09	304

**PROJECT POINTS OF CONTACT**

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:farris@landwellco.com">farris@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 (°)	Wind	Add'l Readings
AM	Sunny/Clear	Low 71	NE 5 mph	Precip. (in.)
	PM	High 96		Humidity (%)

Additional Weather Comments  
Calm to light wind.

**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
Jane 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.	Y
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Dvorster	QA/QC Tech	Oversight	Y
Canon 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	Y
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	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	CSF - 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	-	-	-	-
Gradall		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		
					to date	of	Tasks
GCL	CETCO	52	rolls	For CAMU, On site	1677		
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:**

- Continued scraping and loading material on haul road next to PUB-4, Hauling to Beta ditch staging area.
- Continued final scrape of haul road between PUA-8 & 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 RB.
- Begin Hook cleanup, mobilization of equipment.
- Continued North Beta ditch excavation, loading out and hauling to beta ditch staging area.
- Sampled SW-12, pH: 6.

**Night Shift:**

- Hauled stockpiled material from the Beta Ditch and WST pond stockpiles to Phase II and IIA.

**CAMU Activity:**

**Day Shift**

- 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 installing geosynthetics on BMI South Landfill.
- Backfilled anchor trenches in Phase IIIB, South slope.
- ESI liner crew installed Phase IIIB Sump riser pipe.
- Continued grading floor in Phase IV.
- Entact checked water levels in the Phase I and II LCRS Sumps and Phase I vadose zone.
- GES collected water samples from the well next to Phase I also Phase II LCRS Sump.
- BMI South Landfill continued subgrade preparation on the south side.

**Night Shift**

- Continued placing material in Phase II and Phase IIA.

**Embankment**

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

**Sump/Vadose Monitoring** Phase I: LCRS Sump: Measurement taken: (2.20). Water Pumped: (NA).  
 Vadose: Measurement taken: (0.64). Water Pumped: (NA).  
 Phase II: LCRS Sump: Measurement taken: (.65) Post sample. Water Pumped: (902 gallons).  
 Vadose: N/A..

**Inspections:** CAMU: Weston monitored sump access.  
 Weston and Geosyntec identified some rocks in the operations layer Entact has been spreading out material and removing any rocks found. Weston and Geosyntec continue to monitor.  
 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 =	614,280 cy
	Operations layer placed (completed) for liner certification = 37,188	0 cy
	Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =	0 cy
	Daily Day shift waste placed today: Silt Trenches, (178) loads @ 18cy/load (7) trucks =	3,204 cy
	Daily Night shift placed today: (122) loads @ 18cy/load (11) trucks =	2,196 cy
	<b>To Date Phase II estimated cumulative waste placed =</b>	<b>619,680 cy</b>
<b>Phase IIIA</b>	Previous Daily Cumulative =	129,330 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: (172) loads @ 18cy/load (17) trucks =	3,096 cy
	<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>132,426 cy</b>
<b>Phase IIIB</b>	Previous Daily Cumulative =	8,190 cy
	Operations layer placed: (0) loads @ 18cy/load (0) trucks =	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
	<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>8,190 cy</b>

<b>Cummulative Total To Date All Phases =</b>	<b>1,051,496 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,050,000</b>	<b>% Complete</b>	<b>51.3%</b>
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**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	20,010	29,990	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: Phase IIIB, Operations Layer.

Photo 2



CAMU: Phase IIIB, Operations Layer.

Photo 3



CAMU: Phase IIIB, Woven Geotextile.

Photo 4



Eastside: Southern Rib.