



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	03-Mar-10	589

PROJECT POINTS OF CONTACT			
Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:farris@landwellinc.com">farris@landwellinc.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONSTR. 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 / Partly Cloudy	PM Sunny / Partly Cloudy	Low 50	High 70	SW 16mph	Precip. (in.) 0
					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
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
Camron Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	QA/QC Tech	Oversight	Y
Victor Heredia	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 Deno, 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
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
Eli Blackburn	Entact	Asst Project Manager	Y
Josh Carroll	Entact	Asst Project Manager, Eastside Manager	Y
Michael Carlton	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	Y
Scott Zattau, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Western Hook	Y
Lance Bruce, Night	Entact	Health & Safety Officer	N
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	N
Dawn Breedlove	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Officer	N
Environmental Specialties, Inc.		Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized.	Y
ABC Survey		Eastside/CAMU	N

ON-SITE EQUIPMENT			
Equipment	Vendor / Tag No.	Work Performed	
CAT D400E Dump Truck (9)		CAMU	-
JD D400 Dump Trucks (8)		Eastside	-
Chieftain 1400 Powerscreener		CAMU	-
Komatsu Loader		CAMU	-
CAT 345 excavators, (3)		Eastside and CAMU	-
CAT 330 Excavator (1)		CAMU	-
Linkbelt 330LX Excavator (1)		CAMU	-
CAT D6 LGP Dozer (1)		Eastside	-
Water Trucks (2)		Eastside	-
Case 580 backhoe		CAMU	-
12,000 gal Water Towers (3)		CAMU and Eastside	-
CAT D5 Dozer		Eastside	-
Water Trucks (3)		CAMU	-
CAT D5 Dozer, (3)		CAMU	-
CAT 14H Grader		CAMU	-
Rock Crusher		CAMU	-
Kawasaki Loader		CAMU	-
Smooth drum Rollers, (3)		CAMU	-
Tenent Street Sweeper		Eastside and 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 Activity:**

**Day Shift:**

- Continued final scrape of east/west Beta Ditch, hauled material to the main haul road stockpile.
- Continued final scrape in the Southern Rib triangle and hauling material to the main haul road stockpile.
- GES, sampling 7B.

**Night Shift:**

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**CAMU Activity:**

**- Day Shift**

- Continued power screening 1" and 6" minus soils.
- ESI liner crew installing geosynthetics on the south slope and top of Phase IV.
- Continued finish grading the perimeter of BMI north and south.
- Continued placing final cover on Phase IIIB and Phase IV, north slope.
- Phase IV, grading the top of waste on the east end.
- Phase V, grading the top of waste at west side.
- Entact monitoring sumps.

**- Night Shift**

- BMI North, performing final grading.

**Embankment**

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

**Sump/Vadose Monitoring:**

Phase I:	LCRS Sump: Measurement taken: (1.583)	Water Pumped: (N/A).
	Vadose: Measurement taken: (0.583)	Water Pumped: (N/A).
Phase II:	LCRS Sump: Measurement taken: (2.767)	Water Pumped: (N/A).
	Vadose: Measurement taken: (NA)	Water pumped: (N/A).
Phase IIIB:	LCRS Sump: Measurement taken: (N/A)	Water Pumped: (N/A).
	Vadose: Measurement taken: (N/A)	Water Pumped: (N/A).
Phase V:	LCRS Sump: Measurement taken: (2.192)	Water pumped: (N/A).
	Vadose: Measurement taken: (N/A)	Water Pumped: (N/A).

**Inspections:** CAMU: N/A.

Firestrike: Inspected perimeter fence line: 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 =	372,886 cy
	Operations layer placed (completed) for liner certification. = 21,662	0 cy
	Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase I estimated cumulative waste placed =</b>	<b>372,886 cy</b>
<b>Phase II</b>	Previous Daily Cumulative =	1,072,405 cy
	Operations layer placed (completed) for liner certification. = 37,188	cy
	Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =	cy
	Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =	cy
	<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,072,405 cy</b>
<b>Phase IIIA</b>	Previous Daily Cumulative =	222,174 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: (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174 cy</b>
<b>Phase IIIB</b>	Previous Daily Cumulative =	439,547 cy
	Operations layer placed (completed) for liner certification. = 21,978	cy
	Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>439,547 cy</b>
<b>Phase IV</b>	Previous Daily Cumulative =	483,323 cy
	Operations layer placed (completed) for liner certification = 37,314	cy
	Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>483,323 cy</b>
<b>Phase V</b>	Previous Daily Cumulative =	558,064 cy
	Operations layer placed (completed) for liner certification = 40,284	cy
	Daily Day shift waste placed from: Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
	Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
	<b>To Date Phase V estimated cumulative waste placed =</b>	<b>558,064 cy</b>
	11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750 cy
	12/31/09 Volume Adjustment to Correlate with CAMU Placement Survey	56,834 cy
	2/1/2010 Volume Adjustment to Correlate with CAMU Placement Survey	20,591 cy

<b>Cumulative Total To Date All Phases =</b>	<b>3,349,574 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,900,000</b>	<b>% Complete</b>	<b>115.5%</b>
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**Geosynthetics Placed**

Phase I (complete)	Previous	Placed	Cumulative Placed
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	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390



# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase V, east end.

Photo 2



CAMU: Phase IV, North slope.

Photo 3



CAMU: Phase IV, North slope.

Photo 4



CAMU: Phase IV, monitoring soil placement on liner.