



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	27-Oct-09	468

**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
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 Cloudy / Partly Sunny PM Cloudy	Low 47 High 70	N 17mph	Prcep. (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
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
Camron Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	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	Y

**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
Jeremy Schissler	Entact	Acting Project Manager	N
Josh Carroll	Entact	Asst Project Manager, Eastside Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	N
Timothy Stadt, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Western Hook	N
Lance Bruce, Night	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
John Frazier, Night	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Scott Zattari, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Dawn Breedlove	Entact	Health & Safety Technician	Y
Environmental Specialties, Inc.		Liner Crew, (1) Supt, (10) Laborers/ Seamers	Y
ABC Survey		Eastside/CAMU/Western Hook	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, (6)		Eastside, CAMU and Galleria	-	-	-	-
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 D9 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 and Eastside	-	-	-	-
Chieftain 1400 Powerscreener		CAMU	-	-	-	-

**MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)**

Material	Vendor	Today	UOM	Purpose	Delivery Verification
					To date
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:**

- Continued excavating top of berms and slopes in SW ponds.
- Continued excavating and stockpiling material in PUA-10 and PUC-8.
- Continued hauling material to CAMU from HP-3 and HP-5 berms with OTR trucks.
- Continued excavating in CTR-2, hauling material to Beta Ditch stockpile.
- Continued final scrape of WST-5 pond with three excavators, hauling material to Beta Ditch stockpile.
- Continued Galleria scrape, loading and hauling material in OTR trucks to CAMU for placement.

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**Night Shift:**  
 - Hauled material from SW-4, SW-7 and Beta Ditch stockpiles.

**CAMU Activity:**

**Day Shift:**  
 - Placing material from Galleria Scrape and Eastside into Phase I and Phase II.  
 - Grading south and west slope on Phase II.  
 - Grading top of Phase II at south end.  
 - Poured and finished concrete head walls at Phase I, Phase II, Phase IIIB and Phase V sump and vadose zone risers.  
 - ESI continued deploying geosynthetics on Phase IIIA. Began cleanup.

**Night Shift:**  
 - Placed material in Phase I, Phase II, Phase IV and Phase V.

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

**Sump/Vadose Monitoring:**

Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).  
 Vadose: Measurement taken: (N/A) Water Pumped: (N/A).

Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).  
 Vadose: Measurement taken: (N/A) 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: (N/A). Water Pumped: (N/A).

**Inspections:** CAMU: NA.

**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 =	345,018 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (116) loads @ 20 cy/load (16) trucks =	2,088 cy
Daily Night shift placed today: (23) loads @ 18cy/load (2) trucks =	414 cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>347,520 cy</b>
<b>Phase II</b>	
Previous Daily Cumulative =	1,041,094 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Galleria Scrape, (31) loads @ 18 cy/load (3) trucks =	558 cy
Daily Day shift waste placed today: Eastside Waste, (145) loads @ 18cy/load (0) trucks =	2,610 cy
Daily Night shift placed today: (112) loads @ 18cy/load (15) trucks =	2,016 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,046,278 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 =	0 cy
Operations layer placed (completed for liner certification = 21,276)	0 cy
Daily Day shift waste placed today: (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>222,174 cy</b>
<b>Phase IIIB</b>	
Previous Daily Cumulative =	299,400 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed from: Galleria/Eastside (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 IIIB estimated cumulative waste placed =</b>	<b>299,400 cy</b>
<b>Phase IV</b>	
Previous Daily Cumulative =	175,518 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (128) loads @ 18cy/load (19) trucks =	2,304 cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>177,822 cy</b>
<b>Phase V</b>	
Previous Daily Cumulative =	49,356 cy
Operations layer placed (completed) for liner certification = 40,284	0 cy
Daily Day shift waste placed today: From: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (69) loads @ 18cy/load (14) trucks =	1,242 cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>50,598 cy</b>

<b>Cumulative Total To Date All Phases =</b>	<b>2,143,792 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,400,000</b>	<b>% Complete</b>	<b>89.3%</b>
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**Geosynthetics Placed**

	Previous	Placed	Cumulative Placed
<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	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
<b>Phase V</b>			
GCL	558,653	0	558,653
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925



# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB.

Photo 2



CAMU: Phase IIIA.

Photo 3



CAMU: Phase I.

Photo 4



CAMU: Phase IIIA.