



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Nov-09	493

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/Clear	Low 41		Pradip. (in.)	0
	PM	High 66	E 6mph	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	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	N

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
Camon 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	N

OVERSITE PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector	N
Devin Gordon, MGA	Oversight	For NDEP	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 Gehring	Entact	Project Manager	Y
Jeremy Schissler	Entact	Acting Project Manager	N
Josh Carroll	Entact	Asst Project Manager, Eastside Manager	N
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	Y
Timothy Stadt, Day	Entact	Health and Safety Officer	N
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Western Hook	Y
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 Zattau, 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, Demobilized.	N
	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
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 and stockpiling material in PUB-9, PUC-8 and HP ponds.
- Continued final scrape of SW, OTR and WST ponds, along with haul rds. Hauling material to Beta Ditch stockpile.
- Hauling material to CAMU in OTR trucks for placement from the SW berms.
- Galleria scrape, continued scraping in Parcel 10 and hauled material to CAMU in OTR trucks.

• Night Shift:

**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Nov-09	493

**- Night Shift:**  
 - Hauled material from PUB-9, PUC-8 stockpiles and Beta Ditch stockpiles.

**CAMU Activity:**

**- Day Shift**  
 - Placed material from Galleria and Eastside into Phase V.  
 - Continued grading waste in Phase I, Phase II, Phase III and Phase IV.  
 - Phase II, continued placing final cover soil on south slope and on top of Phase II.  
 - Continued powerscreening the 200,000 cy stockpile.

**- Night Shift:**  
 - Placed material in Phase III and Phase IV.

**Embankment**  
 - Phase I embankment, complete.  
 - Phase I 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 III: 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).  
 Vadose: Measurement taken: (N/A) Water Pumped: (N/A).

**Inspections:** CAMU: NA  
 Eastside: Fence perimeter inspected, 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 =	362,540 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: (179) loads @ 21cy/load (19) trucks =	3,759 cy
	<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>366,299 cy</b>
<b>Phase IV</b>	Previous Daily Cumulative =	243,270 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: (199) loads @ 21cy/load (18) trucks =	4,179 cy
	<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>247,449 cy</b>
<b>Phase V</b>	Previous Daily Cumulative =	121,128 cy
	Operations layer placed (completed) for liner certification = 40,284	cy
	Daily Day shift waste placed from: Galleria/Eastside (306) loads @ 17 cy/load (20) trucks =	5,202 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>126,330 cy</b>
<b>10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey</b>		<b>261,799 cy</b>

<b>Cumulative Total To Date All Phases =</b>	<b>2,669,342 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,700,000</b>	<b>% Complete</b>	<b>98.9%</b>
----------------------------------------------	---------------------	-------------------------------------------	------------------	-------------------	--------------

**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
<b>Phase V</b>			
GCL	558,653	0	558,653



# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389 0	BRC Eastside Common Areas Soils Remediation 0	21-Nov-09	493

### DAILY PHOTO LOG

Photo 1



Eastside: HP ponds.

Photo 2



Eastside: SW Berm.

Photo 3



Eastside: PUB-9, mixing.

Photo 4



Eastside: WST.