



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	<b>BRC Eastside Common Areas Soils Remediation</b>	08-May-09	<b>299</b>

**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:sahuraj@earthlink.net">sahuraj@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@westonsolutio.com">Richard.Laubinger@westonsolutio.com</a>	720-641-8660

**WEATHER CONDITIONS**

Conditions		Temp (F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 74		Precip. (inches)
PM	Sunny/Clear	High 100	W 5 mph	Humidity (%)

Additional Weather Comments  
Calm.

**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.	N
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	N
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Drosier	QA/QC Tech	Oversight	Y
Camon 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	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, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Brian Rakica	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 Carrol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	48 Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	Health & Safety Officer	Y
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	CSP, Safety	Y
	Environmental Specialties, Inc	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent, Installing Phase IIIB.	Y
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU	N
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib	Y

**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 LGP 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
GCL	CETCO	0	rolls	For CAMU, On site	1612

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Geocomposite	Agro	0	rolls	For CAMU, On site	2442
Geomembrane	Agro	0	rolls	For CAMU, On site	514

**WORK COMPLETED**

*Description of Work Executed Today*

**Eastside Mixing and Drying Activity:**

**Day Shift:**

- Two excavators continue loading out overburden in the haul road and pond PUB-3, hauling to Beta ditch staging area.
- One excavator continued final scrape in PUE haul road.
- One dozer mixing soils in PUF ponds.
- Southern rb continued scrape.
- Tested water in SW-12, pH: 6.

**Night Shift:**

- Hauled material from WST-5 and Beta ditch staging area to Phase IIIA and Phase II.

**CAMU Activity:**

**Day Shift**

- SW-1, slit trench continued above PCB grade. Pyrophoric material encountered, burning off when needed.
- NW-1, NW-2 and NW-3 backfilling and leveling grades. Motorgrader fine grading
- NE-1 and NE-2, Slit trenches continued excavation and hauled to Phase II for placement. Preliminary observations waste is thinning out.
- Dozer working on west drainage ditch.
- Phase IIIB backfilling and compacting anchor trench. Testing performed by Geosyntec.
- ESI Liner Crew installing geocomposite in Phase IIIB continued.
- Entact measured depths of water in Phase I and Phase II LCRS sumps and Phase I vadose zone.
- GES collected water samples from new well next to Phase I and Phase II LCRS.
- Weston collected water from 4" HDPE pipe found running north and south between slit trenches NW-1 and NE-1. Given to GES for sampling.
- Finish grading of NE Equalization basin.
- Jensen concrete contractor finished grouting storm drain manholes and covers. Entact backfilled partially.

**Night Shift**

- Continued placing material in Phase II and IIIA.

**Embankment**

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

**Sump/Vadose Monitoring:**

Phase I: LCRS Sump: Measurement taken: (1.90). Water Pumped: (N/A).  
 Vadose: Measurement taken: (0.64). Water Pumped: (N/A).  
 Phase II: LCRS Sump: Measurement taken: (.5). Post sample/pumping. Water Pumped: (503).  
 Vadose: N/A.

**Inspections:**

CAMU: Weston monitored sump access.  
 Weston night shift pre-trip inspection of trucks two trucks found with buildup to go thru for deep clean.  
 Eastside: Perimeter fence inspection, no findings, all secure. Weston installed (35) new (No Trespassing Signs).

**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
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>291,200 cy</b>

**Phase II**

Previous Daily Cumulative =	597,936 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: Slit Trenches, (126) loads @ 18cy/load (7) trucks =	2,268 cy
Daily Night shift placed today: (53) loads @ 18cy/load (16) trucks =	954 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>601,158 cy</b>

**Phase IIIA**

Previous Daily Cumulative =	125,082 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: (202) loads @ 18cy/load (18) trucks =	3,636 cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>128,718 cy</b>

<b>Cummulative Total To Date All Phases =</b>	<b>1,021,076 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,050,000</b>	<b>% Complete</b>	<b>49.8%</b>
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**Geosynthetics Placed**

Phase	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	242,600	50,000	292,600
Geotextile	0	0	0
<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
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0



# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Storm drain manhole.

Photo 2



CAMU: Phase IIIB, anchor trench.

Photo 3



CAMU: Phase IV, grading.

Photo 4



Eastside: 7A scrape, PUB haul rd.