



**DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	09-Jun-09	330

**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 (°F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 65		Precip. (in.) 0
PM	Sunny / Partly Cloudy	High 82	S 5 mph	Humidity (%) 0

Additional Weather Comments  
Calm - 5 mph.

**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	N
Jim Cox	QA/QC Supervisor	Oversight	Y
Robecca Flynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Drostler	QA/QC Tech	Oversight	Y
Canon Liddell	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 Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jill Dale	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
Dock Kim, ATC	Field Observation	For AIG	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 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
Russell Karnes	Entact	CAMU, Superintendent, Additional tasks, Southern Rib, Hook.	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
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	N
	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		
					# of units	# of Sites	Tasks
GCL	CETCO	0	rolls	For CAMU, On site	1924		
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:**

- SC-1, load and haul wet material to HP-2 and spread out for drying.
- N. Beta ditch, continue excavation and hauling material to HP-3 stockpile.
- PUC-7, excavating and stockpiling with long stick excavator.
- PUH-7, excavator loading out material and hauling to HP-3 stockpile.
- D8 dozer diced and pushed up dried material into stockpiles for loadout.
- Southern Rib, hauling stockpiled material to CAMU for placement.
- Western Hook, scraping sediment and debris from ditches and stockpiling.
- GES/Eagle mobilized drill rig, Frac tank and well drilling equipment. Set into position and began drilling operations.
- Entact assisted in grading area for drilling activities.
- SW-12 pH: 6

**Night Shift:**

- Hauled material from Beta Ditch staging area and HP-3 stockpiles.

**CAMU Activity:**

**Day Shift:**

- SE-1 slit trenches continued excavating loading out and hauling to phase II for placement.
- NE-2, Inspected by MGA and Weston to design limits. Approved for backfill. Waste outside design limits continues east, Entact to remove.
- SW-1, SW-2 continue backfilling and compacting trenches. Continued.
- Phase IV, continued grading.
- Phase V, excavator loaded haul trucks with overburden material along north side for backfill material. Some brick found first foot, placed in Phase II.
- Received and placed southern rib soils in phase II and IIIA.
- Begin covering geosynthetics with new tarps.

**Night Shift:**

- Continued placing material in Phase II and Phase IIIA.

**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).

**Inspections:** CAMU: Weston monitored sump access. (N/A).

**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 =	726,528 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive/Southern Ribs: (80) loads @ 18 cy/load (10) trucks =	1,440 cy
Daily Day shift waste placed today: Silt Trenches, (126) loads @ 18cy/load (5) trucks =	2,268 cy
Daily Night shift placed today: (259) loads @ 18cy/load (20) trucks =	4,662 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>734,898 cy</b>

**Phase IIIA**

Previous Daily Cumulative =	171,684 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: (88) loads @ 18cy/load (14) trucks =	1,584 cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>173,268 cy</b>

**Phase IIIB**

Previous Daily Cumulative =	21,978 cy
Operations layer placed (completed) for liner certification. = 21,978	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 IIIB estimated cumulative waste placed =</b>	<b>21,978 cy</b>

<b>Cummulative Total To Date All Phases =</b>	<b>1,221,344 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,050,000</b>	<b>% Complete</b>	<b>59.6%</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	340,535	0	340,535
Geotextile	50,000	0	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: NE-2, Slit trench.

Photo 2



CAMU: NE-2, Slit trench. Waste beyond design limits. East.

Photo 3



CAMU: SE- 1, Slit trench.

Photo 4



Eastside: GES/Eagle Well installation.