



**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>	04-May-09	295

**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	Raviq Sabu	<a href="mailto:rsabu@earthlink.net">rsabu@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	Cloudy	Low 69		Precip. (in.)
PM	Cloudy / Partly Sunny	High 92	W 9 mph	Humidity (%)

*Additional Weather Comments*  
Calm to Light wind.

**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.	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
Robecca Flynn	Engineer	Oversight	Y
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 Fauchoux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

**OVERSITE PERSONNEL**

Name	Position	Trade / Work Performed	Y/N
Mark Eizman, ASW	Inspector	Liner Inspector.	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Robert Meyer, ASW	Inspector	Liner Inspector	Y
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	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	11 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	49	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 loading out overburden in pond PUB-3 hauling to Beta ditch staging area.
- One excavator scraping haul road next PUD-5.
- One long arm excavator and dozer mixing soils in PUF-7.
- 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**

- Continued two excavators loading out SW-1 slit trench and hauled to Phase II for placement.
- NW-3, Slit trench, completed. Inspected and approved for backfill.
- NW-1 and NW-2 backfilling and leveling grades in between.
- BMI South motorgrader continued grading subgrade.
- Entact measured water levels in Phase I and II LCRS sumps. Also Phase I vadose zone.
- GES collected samples in Phase I and II LCRS sumps. Phase I vadose zone did not have enough water to sample.
- Phase IIIA, grading the slopes in preparation for interim cover.
- ESI Liner Crew performed QC checks, testing and repairs on Phase IIIB geomembrane.

**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: (2.5). Water Pumped: (599).  
 Vadose: Measurement taken: (0.64). Water Pumped: (N/A).  
 Phase II: LCRS Sump: Measurement taken: (2.5). Water Pumped: (801).  
 Vadose: N/A.

**Inspections:**

CAMU: Weston monitored sump access.  
 NW-3, Slit trench, inspected by MGA and Weston. No findings. Approved for backfill.  
 Eastside: Perimeter fence inspection, no findings, all secure.

**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 =	576,282 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Slit Trenches, (169) loads @ 18cy/load (6) trucks =	3,042 cy
Daily Night shift placed today: (154) loads @ 18cy/load (17) trucks =	2,772 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>582,096 cy</b>

**Phase IIIA**

Previous Daily Cumulative =	114,696 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: (101) loads @ 18cy/load (17) trucks =	1,818 cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>116,514 cy</b>

<b>Cumulative Total To Date All Phases =</b>	<b>989,810 cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>2,050,000</b>	<b>% Complete</b>	<b>48.3%</b>
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**Geosynthetics Placed**

Phase	Material	Previous	Placed	Cummulative
Phase I (complete)	GCL	307,372	0	307,372
	Geomembrane	307,372	0	307,372
	Geocomposite	307,372	0	307,372
	Geotextile	69,340	0	69,340
Phase II (complete)	GCL	498,468	0	498,468
	Geomembrane	498,468	0	498,468
	Geocomposite	520,592	0	520,592
	Geotextile	0	0	0
Phase IIIA	GCL	221,000	0	221,000
	Geomembrane	221,000	0	221,000
	Geocomposite	221,000	0	221,000
	Geotextile	20,000	0	20,000
Phase IIIB	GCL	340,535	0	340,535
	Geomembrane	340,535	0	340,535
	Geocomposite	0	0	0
	Geotextile	0	0	0
Phase IV	GCL	0	0	0
	Geomembrane	0	0	0
	Geocomposite	0	0	0
	Geotextile	0	0	0
Phase V	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: NW-3, Slit trench.

Photo 2



CAMU: NW-3, Slit trench.

Photo 3



CAMU: SW-1, Slit Trench

Photo 4



Eastside: HP-5.