



## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Apr-09	283

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Faris	<a href="mailto:lfaris@landwellco.com">lfaris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ravaji Sahu	<a href="mailto:rsahu@earthlink.net">rsahu@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@westonsolutions.com">Richard.Laubinger@westonsolutions.com</a>	720-641-8660

### WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 71		Precip. (inches)
PM	Sunny/Clear	High 93	SW 12 mph	Humidity (%)

Additional Weather Comments

Calm - 12 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
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.	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 Dorosier	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Sang Yeo	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
Mark Eizman, ASW	Inspector	Liner Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey, Phase IIIB	Y

### 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 Carol	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	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	N
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent, Installing Phase IIIB.	Y
Carol McIntire	Entact	12 Laborers/ Seamers	Y
Roger Wagner	Entact	Health & Safety Officer	Y
	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU	Y
Russell Karnes	Entact	Superintendent	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 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 to date, Qty, Date, Time
GCL	CETCO	0	rolls	For CAMU, On site	1612

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Geocomposite	Agro	0	rolls	For CAMU, On site	2373		
Geomembrane	Agro	0	rolls	For CAMU, On site	514		
WORK COMPLETED							
Description of Work Executed Today							
<b>Eastside Mixing and Drying Activity:</b>							
<b>Day Shift:</b>							
- First excavator, continued PUA-3 haul road, removing overburden loading and hauling to beta ditch staging area.							
- Second excavator, continued excavating haul road area south of PUC-3 next to northern berm of PUB-3.							
- Long stick excavator, casting wet material from SC-1 to south slope of SW-4.							
- Tracking/discing through wet material that has been spread on the ponds.							
- SW-12 pond pH: 6.							
- Southern rib scraping, stockpiling and presoaking soils, continued.							
<b>Night Shift:</b>							
- Hauled material from HP-2 and Beta ditch staging area.							
<b>CAMU Activity:</b>							
<b>Day Shift</b>							
- Continued grading, subgrade and slope preparation in Phase IIIB.							
- Preparing phase I tie-in to phase IIIB.							
- NW-1, continued loading out white/gray material hauling to Phase II landfill.							
- SW-1, excavated material beyond Phase IIIB boundary.							
- SW-1, continued backfilling inspected and approved area at the west end to Phase IIIB boundary.							
- Foundation Pile driving Co. loaded out sheet piling, hammer and crane, demobilized.							
- Jensen pulled the forms from manholes 5, 6 and 7.							
- Entact check measurements in Phase I and II LCRS sump and Phase I Vadose zone.							
- GES on site, collected a sample from Phase I the new monitoring well. Phase II LCRS sump.							
- ESI Liner crew began geosynthetics installation in Phase IIIB.							
<b>Night Shift:</b>							
- Continued placing material in Phase II and IIA.							
<b>Embankment</b>							
- Phase I embankment, complete.							
- Phase I estimated cumulative embankment placed:							
- Phase II embankment, complete.							
<b>Sump/Vadose Monitoring</b> Phase I: LCRS Sump: Measurement taken: (2.20). Water Pumped: (N/A).							
Vadose: Measurement taken: (0.64). Water Pumped: (N/A).							
Phase II: LCRS Sump: Measurement taken: (2.70). Water Pumped: (628).							
Vadose: N/A.							
<b>Inspections:</b> CAMU: Weston monitored sump access.							
ESI Liner crew subgrade inspection Geosyntec and Weston.							

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 =		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</b>	<b>cy</b>
<b>Phase II</b>			
Previous Daily Cumulative =		530,544	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, (118) loads @ 18cy/load (6) trucks =		2,124	cy
Daily Night shift placed today: (141) loads @ 18cy/load (16) trucks =		2,538	cy
<b>To Date Phase II estimated cumulative waste placed =</b>		<b>535,206</b>	<b>cy</b>
<b>Phase IIIA</b>			
Previous Daily Cumulative =		90,666	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: (158) loads @ 18cy/load (12) trucks =		2,844	cy
<b>To Date Phase IIIA estimated cumulative waste placed =</b>		<b>93,510</b>	<b>cy</b>

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =		919,916 cy	44.3%

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	0	28,000	28,000
Geomembrane	0	28,000	28,000
Geocomposite	0	0	0
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: NW-1 Slit trench.

Photo 2



CAMU: Phase IIIB, Liner installation.

Photo 3



CAMU: Phase IIIB, Liner installation.

Photo 4



CAMU: Phase IIIB. Liner installation.