

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Feb-09	220

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Ferris	lferris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

### WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	Low 39	High 59	Precip. (inches)	Humidity (%)
PM	Sunny/Clear		Wind 5mph		

Additional Weather Comments:  
Clear. Winds 0-5 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.	Y
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	Y
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Carmon Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	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
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	N

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schlusser	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	Health & Safety Officer	Y
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Entact	CSP, Safety	Y
El Blackburn	Entact	CSP, Safety	N
	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	Y
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N
	Foundation Pile, Inc.	Demobilized.	N

### ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD 4400 Dump Trucks (9)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Case double pan scrapers.		Eastside, demobilized.	-	-	-	-
CAT D6 LGP Dozer (1)		Eastside	-	-	-	-
Water Trucks (2)		Eastside	-	-	-	-
JD450 Dozer		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
Water Trucks (2)		CAMU	-	-	-	-
CAT D-6 Dozer, (2)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
IR Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		Eastside, screening 1" & 6" minus	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

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[illegible]

<b>MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)</b>	
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Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Trans
GCL	CETCO	0	rolls	For CAMU, On site		909		
Geocomposite	Agru	170	rolls	For CAMU, On site		2153		
Geomembrane	Agru	0	rolls	For CAMU, On site		338		

WORK COMPLETED

Description of Work Executed Today	
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Eastside Mixing and Drying Activity:

## Day Shift: \_\_\_\_\_

- PUB-8 excavating and stockpiling for loadout with long stick excavator.
- PUC-5 excavating/loading and hauling material to beta stockpile.
- PUD- 4, excavator and powerscreener, screening soils to 1' & 6' minus, for operations layer.
- Moisture conditioning beta ditch material in preparation for loadout.
- Installing mechanical tire wash system.

- Night Shift.
- No Activities.

CAMU Activity:

- Day Shift:
- ESI finished installing geocomposite on North BMI Landfill.
- Continued grading N. BMI Landfill.
- Silt trench, NW-1 continued excavation east. (2) excavators, (5) trucks. Placing in Phase II.
- Silt trench, NW-2 stirred the excavation to burn off the phosphorous. Ongoing.
- Continued removing concrete headwall in Phase IIIB. Processor back in service.
- Continued backfilling and grading in Phase IIIB.
- Continued installing 42" RCP storm drain pipe.

- Night Shift:
- No Activities.

## Embankment

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed: 0 cy
- Phase II embankment , complete.

**Other:** Asphalt paving crew on site. Paving eastside decon area.

Inspections:

Slit Trench NW-1, Visual inspection, into more granular material with white and gray discolored soils. Waste is thinning out. (Same).

**Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture)**

## 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) =		
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>

## Phase II

Previous Daily Cumulative =	287,042	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: Phase IV&V scrape, (0) loads @ 20 cy/load (0 trucks) =		cy
Daily Day shift waste placed today: Silt Trenches, (111) loads @ 18cy/load (5) trucks =	1,998	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>289,040</b>	<b>cy</b>

<b>Estimated Waste at Completion (cv)</b>	<b>% Complete</b>
2,200,000	26.4%

## Geosynthetics Placed

Phase I (complete)	Previous Daily Cum (sf)	Placed Today (sf)	Cumulative Placed to Date (sf)
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	0	0
Geomembrane	0	0	0
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





## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB, concrete headwall demolition.

Photo 2



Eastside Decon: Mechanical tire wash and asphalt installation.

Photo 3



Eastside decon: Asphalt installation.

Photo 4



CAMU: 42" RCP storm drain pipe installation.