

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No. Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Feb-09	223

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Harris	lharris@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	970-260-5866
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsoluti.com	720-641-8660

WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny / Partly Cloudy		PM	Cloudy / Partly Sunny		Low 43	Precip. (inches)
				High 66	N 5mph	Humidity (%)	
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.	N
Richard Davis	Project Engineer	Construction Management Services.	N
Chris White	Assist. Const. Mgr	Construction Management Services.	N
Wayne Hodgson	Assist. Const. Mgr	Construction Management Services.	N
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	N
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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	N
Roland Derosier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	N
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	N
Devin Gordon, McGinley	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	N
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 Schiesser	Entact	Acting Project Manager	Y
Josh Carrol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	N
Joe Curilla	Entact	Health & Safety Officer	N
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	N
Rick McIntire	Entact	CAMU, Superintendent	N
Dale Walsh	Converse	CSP, Safety	Y
Eli Blackburn	Entact	CSP, Safety	N
		Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
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 D400 Dump Trucks (9)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (6)		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	-	-	-	-
Christlain 1400 Powerscreener		Eastside, screening 1" & 6" minus	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

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Material	Vendor	Today	UOM	Purpose	Delivery Verification
GCL	CETCO	0	rolls	For CAMU, On site	909
Geocomposite	Agru	0	rolls	For CAMU, On site	2292
Geomembrane	Agru	0	rolls	For CAMU, On site	338

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drving Activity:

Day Shift:

- PUD-3 excavating to design grades loading out (3) trucks hauling to Beta stockpile.
- PUB-8 excavating with long stick to design grade and stockpiling side of pond for loadout.
- PUD- 4. excavator and powerscreener, screening soils to 1" & 6" minus, for operations layer.
- Moisture conditioning beta ditch material in preparation for loadout.
- Worked on electrical wiring to mechanical tire wash system.

- Night Shift:
- No Activity.

CAMU Activity:

- Day Shift:
- Phase IIIA continue backfilling and compacting anchor trench.
- Continued grading N. BMI Landfill.
- N. BMI Landfill covered remaining exposed portion of North slope with visqueen plastic.
- Silt trench, NW-1, began additional excavation beyond neat line to the north west. (1) excavator, (2) trucks. Placing in Phase II.
- Silt trench, SW-2, began overburden and trench excavation, (1) excavator, (2) trucks flammable material encountered, burned off most of the day.
- Excavator moved to silt trench NW-2 from SW-2 and continued loading out trucks.
- Phase IIIB concrete headwall sections being processed inside Phase II along with oversized material.
- Continued backfilling and grading in NE Equalization basin.
- Continued installing 42" RCP storm drain pipe.
- Pumped water out of Phase II sump.

- Night Shift:
- No Activity. Fire Watch overnight.

Embankment

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

Other:

Inspections:

Silt Trench NW-1, Began additional excavation beyond neatline at West end. White lime chalk material with rubble heading North.

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
To Date Phase I estimated cumulative waste placed =	291,200 cy

Phase II

Previous Daily Cumulative =	301,280 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Phase IIIB trench excavation debris, () loads @ 20 cy/load (trucks) =	cy
Daily Day shift waste placed today: Silt Trenches, (0) loads @ 18cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase II estimated cumulative waste placed =	301,280 cy

Cummulative Total To Date All Phases = 592,480 cy

Estimated Waste at Completion (cy)	% Complete
2,200,000	26.9%

Geosynthetics Placed

	Previous Daily Cum (sf)	Placed Today (sf)	Cummulative Placed to Date (sf)
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	0	0	0
Geomembrane	0	0	0
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

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: NW-1, looking west. Chasing waste outside design neat line.

Photo 2



CAMU: Slit trench, SW-2.

Photo 3



CAMU: 42" RCP storm drain pipe installation.

Photo 4



CAMU: Phase IIIB Concrete headwall.