

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Apr-09	266

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONSTR. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-6660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Adat Readings
AM	Sunny/Clear	PM	Sunny/Clear	Level 52 High 70 N 5 mph Precip. (in/hr) _____ Humidity (%) _____
Actual Weather Comments: Calm to 5 mph. Day and Night work.				

ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	N
Dan Brennecke	Project Manager, CM	Construction Management Services.	N
Richard Davis	Project Engineer	Construction Management Services.	N
Chris White	Asst. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Asst. Const. Mgr	Construction Management Services.	Y
Kevin Cooke	Asst. 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	N
Sam Campbell Nelson	QA/QC Tech	Oversight	N
Roland Decolier	QA/QC Tech	Oversight	Y
Carson Liddell	QA/QC Tech	Oversight	N
Victor Heredia	QA/QC Tech	Oversight	N

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	N
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, McKinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Hakvica	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 Carroll	Entact	Asst Project Manager	N
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	N
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
El Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift	Y
	ABC Survey	Eastside/CAMU	N
	Foundation Pile, Inc.	Demobilized	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D90E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (8)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Casa 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 (3)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
JR Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Challinor 1400 Powerscreener		CAMU	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1)Crane remains.	-	-	-	-

MATERIAL HANDLING - (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Inventory Verification
GCL	CETCO	0	rolls	For CAMU, On site	1574

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Geocomposite	Agri	0	rolls	For CAMU, On site	2373	
Geomembrane	Agri	0	rolls	For CAMU, On site	514	

WORK COMPLETED

Description of Work Completed Today:

Eastside Mixing and Drying Activity:

Day Shift:

- Started scrape on Parcel 4B outside job boundary.

Night Shift:

- Hauled material from Beta ditch, SW-4 and SW-2 to Phase IIIA.

CAMU Activity:

Day Shift:

- Phase I LCFS measured. Phase I Vadose measured. Phase II LCFS measured.
- Continued installing new haul rd.

Night Shift:

- Placed material in Phase II and Phase IIIA.

Embankment

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

Sump/Vadose Monitoring: Phase I: LCFS Sump: Measurement taken: 8AM. (2.10). Water Pumped: N/A.
Vadose: Measurement taken: 8AM. (0.67). Water Pumped: N/A
Phase II: LCFS Sump: Measurement taken: 8AM. (2.80). Water Pumped: N/A.
Vadose: N/A.

Inspections: CAMU: Weston monitored sump access.

Eastside: 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 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 = 493,002 cy
Operations layer placed (completed) for liner certification. = 37,188 cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (0) loads @ 18 cy/load (0) trucks = 0 cy
Daily Day shift waste placed today: Silt Trenches, (0) loads @ 18cy/load (0) trucks = 0 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = 0 cy
To Date Phase II estimated cumulative waste placed = 493,002 cy

Phase IIIA

Previous Daily Cumulative = 40,860 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 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks = 0 cy
Daily Night shift waste placed today: (272) loads @ 18cy/load (18) trucks = 4,896 cy
To Date Phase IIIA estimated cumulative waste placed = 45,756 cy

Cumulative Total To Date All Phases =	829,958 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	40.5%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative
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
Geotextile	0	0	0

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Debris Storage Area (complete)

		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU	2,138,308	4,151,232	51.5%	8,534,075	32.7%

HEALTH & SAFETY	
<i>History of Injuries & Safety Action Taken Today - Safety Inspector Conducted</i> <u>Safety Topic:</u> Eastside Day: Discussed remote communication. CAMU Day: Discussed remote communication. CAMU & Eastside Night Shift: Discussed the new haul road alignment and procedures.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL <i>(Procedures of Quality Control Activities, Failure Modes & Quality Inspection & Control)</i>	
<u>Daily COA Summary</u> Monitored waste placement into the Phase IIIA Landfill of estate material on the night shift. Continuous review of and updating of project documents and database to facilitate reporting.	

ISSUES AND/OR ITEMS OF DISCUSSION	
Discussion of course: <i>Chromium - Cr</i> and <i>Chromium - Cr</i> Topic Phase I LCRS, Vadose and Phase II LCRS Measured.	

[illegible]

Report Prepared By: Title	Date Prepared	Signature
Richard Laubinger, Construction Manager	5-Apr-09	

5-Apr-09

Weather Table	
Sunny/Clear	
Sunny / Party Cloudly	
Cloudy / Partly Sunny	
Cloudy	
Overcast	
Light Rain	
Rain	
Thunderstorms	
Snow	

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



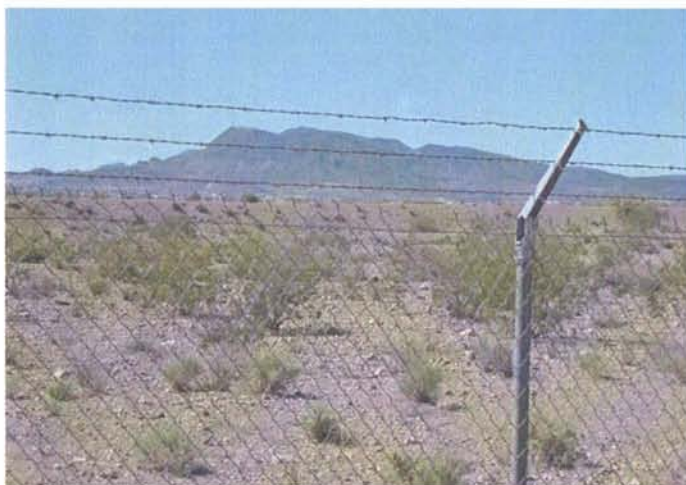
CAMU: New haul road.

Photo 2



CAMU: Liner storage.

Photo 3



Eastside: Temporary repair, on fence break.

Photo 4



CAMU: New haul rd.