

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6399	BRC Eastside Common Areas Soils Remediation	08-Apr-09	269

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	farris@landwellco.com	702.567.0400
BRC PROJECT MANAGER	Ranjit Sabu	sabur@earthlink.net	702.567.0400
CONSTR. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970.250.5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720.641.8660

WEATHER CONDITIONS

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Partly Cloudy	PM	Sunny / Partly Cloudy	Low	52	High	70	Temp. (°C)	Humidity (%)
Notes of Weather Comments: Windy to 17 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	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.	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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell Nelson	QA/QC Tech	Oversight	Y
Roland Derocier	QA/QC Tech	Oversight	Y
Carson Liddell	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 Fauchoux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Elzman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McKinley	Oversight	For NDEP	Y
Dock Kim, AIC	Field Observation	For AIC	Y
Joe Lurlew, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erk Geringer	Entact	Project Manager	N
Jeremy Schlusser	Entact	Acting Project Manager	Y
Josh Carroll	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	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
Card 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 D400E Dump Truck (10)		CAMU	+	+	+	+
JO D400 Dump Trucks (9)		Eastside	+	+	+	+
CAT 324D long stick excavator		Eastside	+	+	+	+
CAT D6R 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	+	+	+	+
TX450 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	+	+	+	+
Grapple		CAMU	+	+	+	+
JLG		CAMU	+	+	+	+
8ft Smooth drum Roller		CAMU, Phase 1	+	+	+	+
16ft Street Sweeper		Eastside and CAMU	+	+	+	+
Bomag Smooth drum Roller		CAMU, Phase 1	+	+	+	+
Chieftain 1400 Powerscreener		CAMU	+	+	+	+
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	+	+	+	+

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	0	rolls	For CAMU, On site	2373
Geomembrane	Agro	0	rolls	For CAMU, On site	514

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity.

Day Shift:

- Continued final scrape in PUB-5, and hauled material to Beta ditch.
- Continued final scrape of haul road between PUA and PUB ponds, and hauled material to Beta ditch. Additional black material found.
- Continued hauling and spreading wet material from SW-7 to PUB-8.
- Pushing up dried material in WST-3 with D6 dozer
- Mixing material in HP-2
- 4B Cleanup began today, site orientation and briefing. (8), outside carrier haul trucks, hauling to CAMU, Phase II.

Night Shift:

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

CAMU Activity:

Day Shift:

- SW-1 Silt trenches, (1) excavator removing waste, hauled to Phase II.
- (1) excavator, scraping 6" of haul rd loading and disposing in Phase II. Additional waste found running west.
- Backfilling and compacting trenches NW-1, NW-2, NW-3. Also leveling between trenches continued.
- Phase 3B, grading floor and north slope. (1) excavator, removing soils from north slope area continued hauling to above trenches for backfill.
- GES on site, sampled Phase II LCRS. Phase I LCRS and Vadose unable to pull sample.
- Phase I LCRS measured. Phase I Vadose measured. Phase II LCRS measured and pumped.
- SW-2, additional material taken of asphaltic material next to sheet piling.

Night Shift:

- Placed material in Phase 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: 8AM. (2.20). Water Pumped: N/A.
Vadose: Measurement taken: 8AM. (0.67). Water Pumped: N/A.
Phase II: LCRS Sump: Measurement taken: 8AM. (2.70). Water Pumped: 650 gallons.
Vadose: N/A.

Inspections:

- CAMU: Weston monitored sump access.
- Eastside: Perimeter fence inspection, no findings, secure.
- During haul rd scrape south of PUB-4, black material found 3 to 4 feet deep spanning between PUB-4 to PUA-3.

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 = 497,340 cy
Operations layer placed (completed) for liner certification. = 37,188 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Scrapes. (64) loads @ 18 cy/load (8) trucks = 1,152 cy
Daily Day shift waste placed today: Silt Trenches, (84) loads @ 18cy/load (4) trucks = 1,512 cy
Daily Night shift placed today: (128) loads @ 18cy/load (8) trucks = 2,304 cy
To Date Phase II estimated cumulative waste placed = 502,308 cy

Phase IIIA

Previous Daily Cumulative = 52,128 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: (124) loads @ 18cy/load (16) trucks = 2,232 cy
To Date Phase IIIA estimated cumulative waste placed = 54,360 cy

Cumulative Total To Date All Phases =	847,868 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	41.4%
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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)

CAMU Cover

Geosynthetic System Cumulative Total To Date All CAMU

HEALTH & SAFETY	
Procedures of Health & Safety: Accident/Traffic/Injury/ Illness/First Aid/Choking Safety Topics: Eastside Day: Discussed equipment traffic and worker traffic. CAMU Day: Discussed equipment traffic and worker traffic. CAMU & Eastside Night Shift: Driver awareness.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
<i>(For Approval of Quality Control Activities, Before Today's Quality Performance Conference)</i> <u>Daily COA Summary</u> Monitored waste placement into the Phase IIIA Landfill of outside material on the night shift. Monitored waste placement into the Phase II landfill of silt trench material on the day shift. Monitored backfill operations in Phases IIIB & IV Inventory incoming geosynthetics, 12 rolls of GCL. Continuous review of and updating of project documents and database to facilitate reporting.	

ISSUES AND OR ITEMS OF DISCUSSION	
Proceedings of the one "Conference" to be held on the 17th June Parcel 4B, cleanup began.	

[illegible]

Richard Laubinger, Construction Manager

Sunny/Clear	
Sunny / Partly Cloudy	
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: Phase 3B

Photo 2



CAMU: Phase 3B.

Photo 3



CAMU: NW-2.

Photo 4



CAMU: NW-1, Slit trench.