

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	03-Feb-09	205

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	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsoluti	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°)	Wind	Add / Readings
AM	Sunny/Clear	Low 43	High 69	Wind 5 mph
				Pressure (inHg)
				Humidity (%)

Additional Weather Comments:

Calm - 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	N
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Wayne Wolford	QA/QC Tech	Oversight	N
Roland Derosier	QA/QC Tech	Oversight	Y
Camron 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 Harlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N
Becky Diano, 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		N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schlissler	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
		48 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
Lance Bruce	Entact	Health & Safety Officer	Y
Terry Hager	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	Y
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	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.	(8) Sheet Piling Crew	Y

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, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Case double pan scrapers.		Eastside, demolished.	-	-	-	-
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		CAMU, screening 1" & 6" minus	-	-	-	-
(2) Cranes		Sheet pile driving.	-	-	-	-

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MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Inventory Verification
GCL	CETCO	9	rolls	For CAMU, On site	909
Geocomposite	Agru	108	rolls	For CAMU, On site	1101
Geomembrane	Agru	0	rolls	For CAMU, On site	258

WORK COMPLETED

Where appropriate, please describe today's work.

Eastside Mixing and Drying Activity:

Day Shift:

- SW-2 continued mixing and drying.
- Continued pumping water from SW-7 to SW-12.
- Stockpiling material from PUA-5 for loadout with Long stick excavator.
- Excavating PUB-5 below the design excavation depth and hauling material to the Beta Ditch and SW-2.
- Working on holding tank for tire wash.

Night Shift:

- Hauled operations layer material from WST 1,6 & 8 stockpiles.
- Continued excavating and hauling material from the Beta ditch at East end.

CAMU Activity:

Day Shift:

- Continued screening cover soils for N. BMI Landfill from berm stockpile along entrance road.
- ESI continued placing geocomposite on N. BMI Landfill.
- NW Basin/Phase IIIB excavation continued/hauling and placed in Phase II, continued uncovering concrete structure.
- Hauled 1' and 6' minus cover soils on N. BMI Landfill.
- NW-1, slit trench continued excavation/haul and placement in Phase II. Numerous cylinders encountered in trench. (See issues below).
- Continued installing sheet piling.

Night Shift:

- Continued placing material in Phase II.

Embankment

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

Other: Foundation Pile, Inc., continued installing sheet piling.

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

Phase I

Previous Daily Cumulative =	269,538 cy
Operations layer placed (completed) for liner certification. = 21,662	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 =	220,458 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Phase IV,V scape,Slit Trench excavation & Phase IIIB trench excavation. (96) loads @ 20 cy/load (5 trucks) =	1,920 cy
Daily Night shift placed today: 241 loads @ 18cy/load (16 trucks) =	4,338 cy
To Date Phase II estimated cumulative waste placed =	226,716 cy

Cumulative Total To Date All Phases = 517,916 cy

Estimated Waste at Completion (cy)	% Complete
2,200,000	23.5%

Geosynthetics Placed

	Previous Daily Cum (sf)	Placed Today (sf)	Cumulative 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	160,000	61000	221,000
Geomembrane	160,000	61000	221,000
Geocomposite	0	0	0
Geotextile	0	0	0
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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BMI North			
GCL	1,033,388	0	1,033,388
Geomembrane	1,033,388	0	1,033,388
Geocomposite	735,000	40,000	775,000

BMI South			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000

CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

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
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Geosynthetic System Cumulative Total To Date All CAMU Phases + BMI N&S (af) =	2,060,228	4,151,232	49.6%	6,534,075	31.5%
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HEALTH & SAFETY

Department of Health & Safety Actions Taken Today - Safety Inspections Conducted

Safety Topic: _____ Eastside

Day: Seatbelts.	CAMU Day:
1. _____	1. _____
2. _____	2. _____
3. _____	3. _____
4. _____	4. _____
5. _____	5. _____
6. _____	6. _____
7. _____	7. _____
8. _____	8. _____
9. _____	9. _____
10. _____	10. _____
11. _____	11. _____
12. _____	12. _____
13. _____	13. _____
14. _____	14. _____
15. _____	15. _____
16. _____	16. _____
17. _____	17. _____
18. _____	18. _____
19. _____	19. _____
20. _____	20. _____
21. _____	21. _____
22. _____	22. _____
23. _____	23. _____
24. _____	24. _____
25. _____	25. _____
26. _____	26. _____
27. _____	27. _____
28. _____	28. _____
29. _____	29. _____
30. _____	30. _____
31. _____	31. _____

Random Drug Tests: _____ CAMU Night Shift: _____

Eastside
CAMU Day:
CAMU Night Shift:

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Clinical Actions Taken Today (Daily Improvement Continued)

Daily COA Summary

Monitored waste placement in Phase II during night shift.

Monitored waste placement into the Phase II landfill during day shift.

Monitor excavation of NW/Phase III B trench and haul to Phase II.

Monitor screening operations at the perimeter stockpile 1' & 6' minus cover soils.

Monitor the installation of cover soil at the North BMI Landfill.

Monitor repairs and non-destructive testing of geosynthetics in Phase IIIA.

Continue review of and updating of project documents and database to facilitate reporting.

Monitor eastside remedial excavation of waste impacted soils.

Inventory incoming geosynthetics 9 rolls of GCL & 108 rolls of geocomposite.

ISSUES AND/OR ITEMS OF DISCUSSION

Department of English / English / Comparative Literature / French

Silt trench NW-1. Several cylinders encountered in trench during excavation. Markings are not visible at this time.

SITE VISITORS

[illegible]

Report Prepared By: Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 3-Feb-09

Date Prepared	Signature
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3-Feb-09

Signature _____

Weather Table

Sunny/Clear 60

Sunny / Party Cloudly ☺

Cloudy / Partly Sunny

Cloudy ☁

Overcast m

Light Rain 76

Rain

Thunderstorms ¥

Snow &

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IIA.

Photo 2



CAMU: Sheet Piling installation.

Photo 3



CAMU: Phase IIIB. Concrete structure.

Photo 4



CAMU: Slit trench, NW-1.