



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Apr-09	274

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BIG PROJECT MANAGER	Lee Harris	lharris@landwellco.com	702-567-0400
BIG PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONTRACT PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8550

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Additional Readings
AM	Cloudy / Partly Sunny	PM	Cloudy / Partly Sunny	Low 62 High 85
Northern / Westerly / Clear		Precip. (in.)		Humidity (%)
Calm to 7 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.	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
Jane 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	N
Roland Derosier	QA/QC Tech	Oversight	Y
Carmon 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	Liner Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dick Kim, AIG	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 Schiesler	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
El Blackburn	Entact	Asst Project Manager	Y
Environmental Specialties, Inc	Environmental Specialties, Inc	1 Liner Superintendent	N
Carol McIntire	Entact	12 Laborers/ Seamers	N
Roger Wagner	Entact	Health & Safety Officer	Y
ABC Survey	ABC Survey	Eastside, Superintendent, Night Shift.	Y
Foundation Pile, Inc.	Foundation Pile, Inc.	Eastside/CAMU	Y
Russell Karnes	Entact	Demobilized.	N
		Superintendent	Y

ON-SITE EQUIPMENT

Equipment	Vendor / Trg No.	Work Performed	Y/N
CAT D400E Dump Truck (10)		CAMU	-
JD D400 Dump Trucks (9)		Eastside	-
CAT 324D long stick excavator		Eastside	-
CAT D6R 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 (3)		CAMU	-
CAT D-6 Dozer, (3)		CAMU	-
CAT 14H Grader		CAMU	-
Gradiat		CAMU	-
JLG		CAMU	-
IR Smooth drum Roller		CAMU, Phase 1	-
Tenent Street Sweeper		CAMU and CAMU	-
Bomag Smooth drum Roller		CAMU, Phase 1	-
Chieftain 1400 Powerscreener		CAMU	-
(1) Crane		Shoot 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	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 PUC-5, and hauled material to Beta ditch.
- Continued final scrape of road between PUB and PUC ponds and northern berm, hauled material to Beta ditch.
- Continued excavating North Beta ditch and hauling material to Beta ditch up front.

Night Shift:

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

CAMU Activity:

Day Shift:

- Continued subgrade preparation in Phase IIIB.
- Preparing Phase IIIB sump subgrade.
- Dr dozer spread waste in Phase II from last night's haul.
- GES sampled well at Phase I, LCRS and Vadose does not have enough water to sample. Phase II sampled LCRS.
- Phase I LCRS measured. Phase I Vadose measured. Phase II LCRS measured and pumped.
- SW-2, Silt trench continued backfilling.
- Trash pickup in Phase II and IIIA if and when needed.

Night Shift:

- Placed material in Phase II and 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 (2.40). Water Pumped: N/A.
Vadose: Measurement taken: 8AM (0.67). Water Pumped: N/A.
Phase II: LCRS Sump: Measurement taken: 8AM (2.50). Water Pumped: 499 gallons.
Vadose: N/A.

Inspections: CAMU: Weston monitored sump access.
Phase IIIB, South, asphaltic material encountered worked around path forward, TBD.

Eastside: Perimeter fence, no findings, secure.

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 = 510,672 cy
Operations layer placed (completed) for liner certification = 37,188 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (74) loads @ 18 cy/load (10) trucks = cy
Daily Day shift waste placed today: Silt Trenches, (0) loads @ 18cy/load (0) trucks = cy
Daily Night shift placed today: (67) loads @ 18cy/load (10) trucks = 1,206 cy
To Date Phase II estimated cumulative waste placed = 511,878 cy

Phase IIIA

Previous Daily Cumulative = 63,918 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = cy
Operations layer placed (completed) for liner certification = 21,276 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = cy
Daily Night shift waste placed today: (157) loads @ 18cy/load (17) trucks = 2,826 cy
To Date Phase IIIA estimated cumulative waste placed = 66,744 cy

Cumulative Total To Date All Phases = 869,822 cy

Estimated Waste at Completion (cy) 2,050,000
% Complete 42.4%

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)	Previous	Placed	Cumulative
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA	Previous	Placed	Cumulative
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	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IV	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V	Previous	Placed	Cumulative
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
GCI

Geosynthetic System Cumulative Total To Date All CAMU	2,138,308
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HEALTH & SAFETY	
<i>Principles of Health & Safety, Active Turbine Today / Safety importance Continued</i> Safety Topic: Eastside Day: Discussed wearing the proper PPE when operating equipment with open cabs. CAMU Day: Discussed wearing the proper PPE when operating equipment with open cabs. CAMU & Eastside Night Shift: Discussed Proactive vs Reactive.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL <i>Continuation of Quality Control Activities, Recent Today Quality Inspections Conducted</i> <u>Daily COA Summary</u> Monitored waste placement into the Phase II and IIIA landfill of outside material on the night shift. Monitored waste placement from the night shift during the day in Phase II. Monitored subgrade preparations in Phase IIIB. Monitored excavation and backfilling operations in Phase IV. Continue review of and updating of project documents and database to facilitate reporting.	
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ISSUES AND/OR ITEMS OF DISCUSSION
<i>Proceedings of Seminar : Geophysics - circumstances of Tropic</i> Phase IIIB, Asphaltic material discussed.

[illegible]

Richard Laubinger, Construction Manager

Weather Table

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DAILY PHOTO LOG

Photo 1



CAMU: Phase 3B.

Photo 2



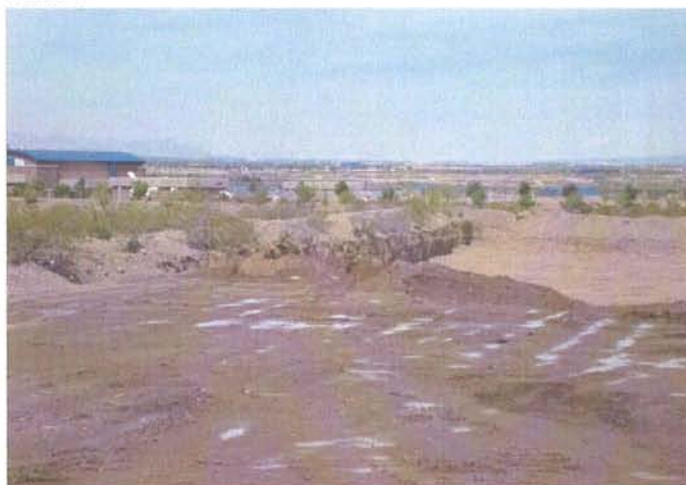
CAMU: Phase 3B.

Photo 3



CAMU: SW-2, Slit trench, backfill.

Photo 4



Eastside: North Beta Ditch remediation.