



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	14-Apr-09	275

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On site,	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sabu	saburj@earthlink.net	702-567-0400
CONSIST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5866
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8600

WEATHER CONDITIONS

Conditions	Temp (°)	Wind	Atmos. Readings
Cloudy / Partly Sunny	Low 48 High 81	SSW 25 mph	Pressure (in): Humidity (%):

Additional Weather Comments:

Windy to high winds up to 28 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
Juno 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 Derostler	QA/QC Tech	Oversight	Y
Camron 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 Horlocker, 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	Line Inspector	Y
Devin Gordon, McGraw-Hill	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Line Inspector	N
Steve Morrow, ASW	Inspector	Line Inspector	N
Brian Rakovic	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey, Phase 3B, QA Survey	Y

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik 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 Curila	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	Health & Safety Officer	Y
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Converse	CSP, Safety	Y
EW Blackburn	Entact	CSP, Safety	N
	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	Y
	Foundation Pile, Inc.	Demobilized	N
Russell Kames	Entact	Superintendent	Y

ON-SITE EQUIPMENT

Equipment	Vendor / Tag 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 300 Excavator		CAMU	-
Caterpillar 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	-
Grass		CAMU	-
JLG		CAMU	-
IR Smooth drum Roller		CAMU, Phase 1	-
Tennant Street Sweeper		Eastside and CAMU	-
Bomag Smooth drum Roller		CAMU, Phase 1	-
Chertlain 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					
<i>(Description of Work & Scheduled Today)</i>					
Eastside Mixing and Drying Activity:					
Day Shift:					
- Continued final scrape from the floor in PUC-5, and hauled material to Beta ditch staging area. - Scraping northern berm on PUB-5 and hauled material to Beta ditch staging area. - Continued final scrape of road between PUB and PUC ponds and hauled material to Beta ditch. - Continued excavating North Beta ditch and hauling material to Beta ditch staging area.					
Night Shift:					
Night Shift cancelled due to high winds.					
CAMU Activity:					
Day Shift:					
- Continued subgrade preparation in Phase IIIB. - Continued preparing Phase IIIB sump subgrade. Long stick excavator dug out trench for vadose riser piping. - Phase IIIB, Subgrade inspection which included west slope, sump, portion of floor to the west, and portion of the North slope. Minor repairs. - Phase I LCRS measured. Phase I Vadose measured. Phase II LCRS measured and pumped. - SW-2, Silt trench continued backfilling. - SW-1, Silt trench continued excavation and hauling to Phase II. - Trash pickup in Phase II and IIIA if and when needed. - Began forming Manhole # 4 for concrete.					
Night Shift:					
Night Shift cancelled due to high winds.					
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. 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 excavated and placed in Phase II. Phase IIIB, subgrade inspection by MGA, ASW, Geosyntec and Weston. Included western portion. Minor items noted for repair to the contractor.					
Facilities:					
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	0
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =		0
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =		0
To Date Phase I estimated cumulative waste placed =	291,200	cy
Phase II		
Previous Daily Cumulative =	511,878	cy
Operations layer placed (completed) for liner certification. =	37,188	cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Silt Trenches, (104) loads @ 18cy/load (0) trucks =	1,872	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
To Date Phase II estimated cumulative waste placed =	513,750	cy
Phase IIIA		
Previous Daily Cumulative =	66,744	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: (0) loads @ 18cy/load (0) trucks =		cy
To Date Phase IIIA estimated cumulative waste placed =	66,744	cy

Cumulative Total To Date All Phases =		871,694	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	42.5%
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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)CAMU Cover 681

Geosynthetic System Cumulative Total To Date All CAMU	2,138,308	4,151,232	51.5%	6,534,075	32.7%
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HEALTH & SAFETY	
Participants of North & South Atlantic Trench Facility - 8 Day Program, October 2017 Safety Topic: Eastside Day: Discussed bringing water containers with the warmer temperatures approaching. Entact will supply the water. Westside Day: Discussed bringing water containers with the warmer temperatures approaching. Entact will supply the water. CMU & Eastside Night Shift: Cancelled due to high winds.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
<i>Planned/Actual Quality Control Items: Tunnel Boring Quality Inspection Checklist</i> <u>Daily COA Summary</u> Monitored waste placement from the night shift placing during the day in Phase II. Monitored waste placement of slit trench material during the day shift in Phase II. Monitored subgrade preparations in Phase IIIB. Participated in Phase 3B subgrade inspection. Minor repairs noted to contractor. Monitored excavation and backfilling operations in Phase IV. Continue review of and updating of project documents and database to facilitate reporting.	

ISSUES AND OR ITEMS OF DISCUSSION	
Phase IIIB subgrade inspection western portion. Attendees, Devin Gordon MGA, Mark Eizman, ASW, Dan Street, Geosyntec, Laubinger, Weston. Mixer repairs noted to contractor.	Dick

[illegible]

Richard Laubinger, Construction Manager

Weather Table

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: Manhole # 4, storm drain system.

Photo 3



CAMU: Phase 3B.

Photo 4



CAMU: SW-1, Slit trench.