



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-May-09	303

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
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 72		Precip. (inches)
PM	Sunny/Clear	High 99	SW 13 mph	Humidity (%)

Additional Weather Comments

Calm to light wind.

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	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
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
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derossier	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Meghen Lithgow	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 Fauchaux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	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	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	Y
Timothy Stadt, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Ed Long, Day	Entact	CAMU, Superintendent	Y
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	N
John Frazier, Nights	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	N
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Carol McKenzie, Night/Day	Entact	Health & Safety Officer	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib, etc.	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	Y
	ABC Survey	Eastside/CAMU	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (10)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc, (1)		Eastside	-	-	-	-
CAT 345 excavators, (8)		Eastside and CAMU, Southern Rib	-	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-	-
Kobelco Excavator, (1)		CAMU	-	-	-	-
CAT D6 LSP Dozer (1)		Eastside	-	-	-	-
Water Trucks (3)		Eastside	-	-	-	-
Case backhoe		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
Water Trucks (4)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
GradaIt		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU	-	-	-	-
			-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification
GCL	CETCO	13	rolls	For CAMU, On site	1625
Geocomposite	Agru	0	rolls	For CAMU, On site	2442
Geomembrane	Agru	44	rolls	For CAMU, On site	558

WORK COMPLETED

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Description of Work Executed Today			
<u>Eastside Mixing and Drying Activity:</u>			
<u>Day Shift:</u>			
- Continued scraping and loading material on haul road next to PUB-4. Hauling to Beta ditch staging area.			
- Continued final scrape of floor in PUA-9. Hauling to Beta ditch staging area for night haul.			
- Tracking wet material from SW-7, spread out in dry ponds.			
- Scrape and stockpile Southern Rb.			
- North Beta ditch excavation resumed, loading out and hauling to beta ditch staging area.			
- Sampled SW-12, pH: 6.			
<u>Night Shift:</u>			
- Hauled 1" minus material from the Beta ditch staging area, stockpile.			
<u>CAMU Activity:</u>			
<u>Day Shift</u>			
- Continued excavation of SW-1, Silt trench, and hauled to Phase II.			
- Completed excavation of PCB material from SW-1, Silt trench. Staged and covered material a sample was taken.			
- Continued excavation of NE-1 and NE-2 and hauled to Phase II.			
- ESI liner crew continued installation of geotextile on slopes in Phase IIIB.			
- Backfilled anchor trenches in Phase IIIB.			
- NE Equalization basin, working on final grading with D6 dozer.			
- Continued grading of floor and north slope in Phase IV.			
- Continued backfilling areas around stormdrain manhole # 5.			
- BMI South Landfill continued subgrade preparation on the south side.			
<u>Night Shift</u>			
- Continued placing material in Phase II.			
- Continued placement of 1" minus operations layer in Phase IIIB.			
<u>Embankment</u>			
- Phase I embankment, complete.			
- Phase 1 estimated cumulative embankment placed:			
- Phase II embankment , complete.			
<u>Sump/Vadose Monitoring</u> Phase I: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A). Vadose: Measurement taken: (N/A). Water Pumped: (N/A).			
Phase II: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A). Vadose: N/A..			
<u>Inspections:</u> CAMU: Weston monitored sump access.			
Weston and Geosyntec with Entact are monitoring Phase IIIB operations layer placement as it is placed..			
Eastside: Perimeter fence inspection, no findings, all 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	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 =		609,024	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, (169) loads @ 18cy/load (7) trucks =		3,042	cy
Daily Night shift placed today: (123) loads @ 18cy/load (14) trucks =		2,214	cy
To Date Phase II estimated cumulative waste placed =		614,280	cy
Phase IIIA			
Previous Daily Cumulative =		128,754	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: (32) loads @ 18cy/load (8) trucks =		576	cy
To Date Phase IIIA estimated cumulative waste placed =		129,330	cy
Phase IIIB			
Previous Daily Cumulative =		6,768	cy
Operations layer placed: (79) loads @ 18cy/load (15) trucks)		1,422	cy
Daily Day shift waste placed today: From ?? (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 =		8,190	cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =		1,043,000 cy	50.9%

Geosynthetics Placed

	Previous	Placed	Cummulative
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	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	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	292,600	47,935	340,535
Geotextile	0	20,010	20,010
Phase IV			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V			
GCL	0	0	0

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Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

BMI North

GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468

BMI South
CCI

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
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CAMU Cover

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

		Total Geosynthetics for CAMU Basic Scope (\$)	% 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	2,478,843	4,151,232	59.7%	6,534,075	37.9%

HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted

Safety Topic:

Eastside Day: Discussed biological hazards on site.

CAMU Day: Discussed biological hazards on site.

CAMU & Eastside Night Shift: Discussed expecting the unexpected.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	1. Inspected 100% of the work performed by the crew on the day of the inspection. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the plans and specifications.

Daily CQA Summary.

Monitored waste placement of eastside waste materials in Phase II on the night shift.

Monitored the placement of operations layer 1" minus placed in Phase IIIB, on the night shift.

Monitored waste placement of slit trench materials in Phase II during the day shift.

Monitored backfilling of stormwater manholes.

Monitored the installation of geotextile on slopes at Phase IIIB.

Inventory incoming geosynthetics, 44 rolls of geomembrane and 13 rolls of GCL.

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

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Phase IIIB operations layer haul was shut down approximately 3AM, due to a concern of rocks in the 1" minus. This was identified by Weston and Geosyntec spotters and will be rectified.

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

12-May-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: NE Equalization, Headwall.

Photo 2



CAMU: NE Equalization basin.

Photo 3



CAMU: Phase IIIB, Operations layer.

Photo 4



CAMU: Phase IIIB.