



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	15-May-09	306

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@westonsolution.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 74	Precip. (inches)	
PM	Sunny/Clear	High 98	Humidity (%)	
Additional Weather Comments Calm to 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.	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.	N
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, Site Visit.	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, MGA	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	Y
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	52	rolls	For CAMU, On site	1781
Geocomposite	Agru	0	rolls	For CAMU, On site	2442
Geomembrane	Agru	0	rolls	For CAMU, On site	558

WORK COMPLETED

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Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- Continued scraping and loading material on haul road next to PUB-5. Hauling to Beta ditch staging area.
- Continue final scrape of haul rd. PUA-8 and PUA-9. Hauling to Beta ditch staging area.
- Tracking wet material from SW-7, spread out in dry ponds.
- Southern Rib, Scrape and stockpile. Presoak with water truck.
- Western Hook, continued clearing and grubbing tamarisk and brush in ditch area.
- Continued North Beta ditch excavation, loading out and hauling to beta ditch staging area.
- Sampled SW-12, pH: 6.

Night Shift:

- Hauled stockpiled material from the HP-5 and WST Pond stockpiles to Phase IIIA and Phase IIIB.

CAMU Activity:

Day Shift

- Continued excavation of SW-1, slit trench, using concrete breaker on cementitious yellow material and hauled to Phase II.
- Continued excavation of NE-1 and NE-2 and hauled to Phase II. Began backfill in approved areas.
- Excavating SE-1, slit trench and hauling to Phase II landfill.
- ESI liner crew installing geosynthetics on BMI South Landfill.
- Installed drainage aggregate for Phase IIIB LCRS system, continued.
- Continued grading floor in Phase IV.
- Grading 12" operations layer in Phase IIIB.
- Entact measured the water levels in the Phase I, LCRS Sump and Phase I Vadose zone. Also Phase II, LCRS Sump.
- GES collected water samples from monitoring well next to Phase I. Also Phase II LCRS Sump.

Night Shift:

- Continued placing material in Phase IIIA and Phase IIIB.

Embankment

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed:
- Phase II embankment, complete.

Sump/Vadose Monitoring Phase I: LCRS Sump: Measurement taken: (2.20). Water Pumped: (N/A).
Vadose: Measurement taken: (0.64). Water Pumped: (N/A).
Phase II: LCRS Sump: Measurement taken: (.7) Post sample/pump. Water Pumped: (799 gallons).
Vadose: N/A..

Inspections: CAMU: Weston monitored sump access.

Eastside: Perimeter fence inspection, found gate unlocked at power station end of Pabco Rd. Replaced lock.

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 = 624,486 cy
Operations layer placed (completed) for liner certification. = 37,188
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks = cy
Daily Day shift waste placed today: Slit Trenches, (171) loads @ 18cy/load (7) trucks = 3,078 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = cy
To Date Phase II estimated cumulative waste placed = 627,564 cy

Phase IIIA

Previous Daily Cumulative = 134,928 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)
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = cy
Daily Night shift waste placed today: (22) loads @ 18cy/load (3) trucks = 396 cy
To Date Phase IIIA estimated cumulative waste placed = 135,324 cy

Phase IIIB

Previous Daily Cumulative = 8,190 cy
Operations layer placed: (96) loads @ 18cy/load (13) trucks) 1,728 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 = 9,918 cy

	Estimated Waste at Completion (cy)	% Complete
Cummulative Total To Date All Phases =	1,064,006 cy	51.9%

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	20,010	29,990	50,000
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

GCL	100,000	77,000	177,000
Geomembrane	100,000	77,000	177,000
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	2,655,843	4,151,232	64.0%	6,534,075	40.6%

HEALTH & SAFETY

HEALTH & SAFETY	
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
<p>1. Safety Inspections Conducted:</p> <ul style="list-style-type: none"> General safety inspection of the work area. Inspection of electrical equipment and wiring. Inspection of fire extinguishers and fire escape routes. Inspection of first aid kit and safety equipment. 	
<p>2. Health & Safety Actions Taken Today:</p> <ul style="list-style-type: none"> Revised safety protocols for handling hazardous materials. Conducted safety training for new employees. Implemented new safety measures for the construction site. Reviewed and updated the safety manual. 	

Safety Topic:

Eastside Day: Discussed the articulating dump truck body roll over incident.

CAMU Day: Discussed the articulating dump truck body roll over incident

CAMU & Eastside Night Shift: Discussed the importance to keeping radio conversations to official business as to not tie up the channel.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
<p>1. Inspected the foundation and framing of the building, ensuring all structural elements are in place and secure.</p> <p>2. Checked the electrical wiring and plumbing fixtures, ensuring they are installed correctly and meet safety standards.</p> <p>3. Verified the placement and alignment of the roof trusses, ensuring they are properly supported and secured.</p> <p>4. Inspected the exterior siding and insulation, ensuring they are installed correctly and provide adequate protection.</p> <p>5. Checked the interior finishes, including drywall and paint, ensuring they are applied evenly and meet quality standards.</p> <p>6. Verified the placement and alignment of the floor joists, ensuring they are properly supported and secured.</p> <p>7. Inspected the HVAC system, ensuring it is installed correctly and meets safety standards.</p> <p>8. Checked the exterior landscaping, ensuring it is properly maintained and meets aesthetic standards.</p> <p>9. Verified the placement and alignment of the roof shingles, ensuring they are properly installed and secured.</p> <p>10. Inspected the interior lighting fixtures, ensuring they are installed correctly and meet safety standards.</p>	

Daily CQA Summary.

Monitored waste placement of eastside waste materials in Phase IIIA & Phase IIIB Landfill on the night shift.

Monitored the placement of operational fill in Phase IIIB, on the night and day shift

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

Monitored the installation of geosynthetics at the BMI South Landfill.

Inventory incoming geosynthetics, 52 rolls of GCL.

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

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

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

15-May-09

Weather Table

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: NE-1, potholing.

Photo 2



CAMU: Phase IIIB, Operations layer.

Photo 3



CAMU: BMI South Landfill.

Photo 4



CAMU: SW-1, Slit trench.