



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-May-09	313

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 75		Precip. (inches)	0
PM	Sunny/Clear	High 93	W 6	Humidity (%)	20

Additional Weather Comments

ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	N
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.	N
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
June Laubinger	Admin Assistant	Construction Management Services.	N

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	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	N
Stuart Irwin	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,	N
Devin Gordon, MGA	Oversight	For NDEP	N
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	Y
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	39	rolls	For CAMU, On site	1833	
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			
<u>Eastside Mixing and Drying Activity:</u>			
<u>Day Shift:</u>			
- Continued hauling material from the southern ribs area to the CAMU.			
- Continued hauling wet material from SC-1 to HP-2 and spreading material to dry.			
- Tracked and disced wet material from SW-7, spread out in dry ponds.			
- 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.			
- Completed installation of Parcel 7A boundary fence.			
- Sampled SW-12, pH: 6.			
<u>Night Shift:</u>			
- Hauled material from the Beta Ditch Stockpile.			
<u>CAMU Activity:</u>			
<u>Day Shift</u>			
- Continued excavation of SW-1 and SE-1, slit trench, using concrete breaker on yellow material and hauled to Phase II.			
- Continued backfill in approved areas in Phase 4.			
- Continued screening 1" minus and 6" minus in north berm stockpile along the clean haul road.			
- Continued grading floor in Phase IV.			
- Continued grading in Phase IIIB			
- Placed material from southern ribs in Phase II.			
<u>Night Shift</u>			
- Continued placing 1" minus and 6" minus operations material in Phase IIIB.			
- Continued placing Beta Ditch material in Phase II and Phase IIIA.			
Embankment			
- Phase 1 embankment, complete.			
- Phase 1 estimated cumulative embankment placed:			
- Phase II embankment , complete.			
Sump/Vadose Monitoring Phase 1: LCRS Sump: Measurement taken: (2.4ft) Water Pumped: (NA)			
Vadose: Measurement taken: (0.64ft.) Water Pumped: (N/A)			
Phase II: LCRS Sump: Measurement taken: (2.5ft) Water Pumped: (NA).			
Vadose: Measurement taken: (Dry) Water pumped: (NA)			
<u>Inspections:</u> CAMU: Weston monitored sump access.			
Eastside: Perimeter fence inspection, 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 =		640,308	cy
Operations layer placed (completed) for liner certification. = 37,188			
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive/Southern Ribs: (90) loads @ 18			
cy/load (0) trucks =		1,620	cy
Daily Day shift waste placed today: Silt Trenches, (121) loads @ 18cy/load (5) trucks =		2,178	cy
Daily Night shift placed today: (69) loads @ 18cy/load (9) trucks =		1,242	cy
To Date Phase II estimated cumulative waste placed =		645,348	cy
Phase IIIA			
Previous Daily Cumulative =		136,926	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =			
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: (203) loads @ 18cy/load (16) trucks =		3,654	cy
To Date Phase IIIA estimated cumulative waste placed =		140,580	cy
Phase IIIB			
Previous Daily Cumulative =		21,888	cy
Operations layer placed: (5) loads @ 18cy/load (5) trucks)		90	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 =		21,978	cy

		Estimated Waste at Completion (cy)	% Complete
Cummulative Total To Date All Phases =		1,099,106 cy	53.6%

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	340,535	0	340,535
Geotextile	50,000	0	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	177,000	0	177,000
Geomembrane	177,000	0	177,000
Geocomposite	177,000	0	177,000

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	<u>0</u>

		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

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

Safety Topic:

Eastside Day: Discussed complacency on the work site.

CAMU Day: Discussed complacency on the work site.

Night shift CAMU & Eastside: Discussed nightly vehicle inspections.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

CONSTRUCTION QUALITY / ASSURANCE & QUALITY CONTROL	
Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
<p>1. Inspected the foundation and wall construction for proper alignment and reinforcement.</p> <p>2. Verified the placement and compaction of concrete for the foundation and walls.</p> <p>3. Checked the installation of formwork and bracing for the foundation and walls.</p> <p>4. Monitored the curing process of the concrete foundation and walls.</p> <p>5. Inspected the roof structure for proper framing and bracing.</p> <p>6. Verified the placement and compaction of concrete for the roof slab.</p> <p>7. Checked the installation of formwork and bracing for the roof slab.</p> <p>8. Monitored the curing process of the concrete roof slab.</p> <p>9. Inspected the interior walls and ceiling for proper alignment and reinforcement.</p> <p>10. Verified the placement and compaction of concrete for the interior walls and ceiling.</p> <p>11. Checked the installation of formwork and bracing for the interior walls and ceiling.</p> <p>12. Monitored the curing process of the concrete interior walls and ceiling.</p> <p>13. Inspected the floor construction for proper alignment and reinforcement.</p> <p>14. Verified the placement and compaction of concrete for the floor slab.</p> <p>15. Checked the installation of formwork and bracing for the floor slab.</p> <p>16. Monitored the curing process of the concrete floor slab.</p> <p>17. Inspected the exterior walls and roof for proper alignment and reinforcement.</p> <p>18. Verified the placement and compaction of concrete for the exterior walls and roof.</p> <p>19. Checked the installation of formwork and bracing for the exterior walls and roof.</p> <p>20. Monitored the curing process of the concrete exterior walls and roof.</p>	

Daily CQA Summary.

Monitored backfill activities in Phase IV.

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

Inventoried the GCL delivered to the CAMU.

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 _____

Chris White, Assistant Construction Manager

23-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: Southern Ribs haul vehicle in Phae IIIA.

Photo 2



CAMU: Southern Rib haul vehicle on decon pad.

Photo 3



Eastside: Southern Rib load-out

Photo 4



Eastside: North Beta ditch