



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	08-May-09	299

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Faris	lfaris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	rsahu@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 74		Precip. (inches)
PM Sunny/Clear	High 100	W 5 mph	Humidity (%)

Additional Weather Comments

Calm.

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.	N
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
June 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 Dencsler	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 Carol	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	Health & Safety Officer	Y
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Entact	CSP, Safety	N
Eli Blackburn	Entact	CSP, Safety	Y
	Environmental Specialties, Inc	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent, Installing Phase IIIB.	Y
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU	N
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib	Y

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 LGP 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	-	-	-	-
Gradall		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	0	rolls	For CAMU, On site	1612

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Geocomposite	Agro	0	rolls	For CAMU, On site	2442		
Geomembrane	Agro			For CAMU, On site	514		
WORK COMPLETED							
Description of Work Executed Today							
<u>Eastside Mixing and Drying Activity:</u>							
<u>Day Shift:</u>							
- Two excavators continue loading out overburden in the haul road and pond PUB-3, hauling to Beta ditch staging area.							
- One excavator continued final scrape in PUE haul road.							
- One dozer mixing soils in PUF ponds.							
- Southern rib continued scrape.							
- Tested water in SW-12, pH: 6.							
<u>Night Shift:</u>							
- Hauled material from WST-5 and Beta ditch staging area to Phase IIIA and Phase II.							
<u>CAMU Activity:</u>							
<u>Day Shift</u>							
- SW-1, slit trench continued above PCB grade. Pyrophoric material encountered, burning off when needed.							
- NW-1, NW-2 and NW-3 backfilling and leveling grades. Motorgrader fine grading							
- NE-1 and NE-2, Slit trenches continued excavation and hauled to Phase II for placement. Preliminary observations waste is thinning out.							
- Dozer working on west drainage ditch.							
- Phase IIIB backfilling and compacting anchor trench. Testing performed by Geosyntec.							
- ESI Liner Crew installing geocomposite in Phase IIIB continued.							
- Entact measured depths of water in Phase I and Phase II LCRS sumps and Phase I vadose zone.							
- GES collected water samples from new well next to Phase I and Phase II LCRS.							
- Weston collected water from 4" HDPE pipe found running north and south between slit trenches NW-1 and NE-1. Given to GES for sampling.							
- Finish grading of NE Equalization basin.							
- Jensen concrete contractor finished grouting storm drain manholes and covers. Entact backfilled partially.							
<u>Night Shift:</u>							
- Continued placing material in Phase II and IIIA.							
<u>Embankment</u>							
- Phase I embankment, complete.							
- Phase I estimated cumulative embankment placed:							
- Phase II embankment, complete.							
<u>Sump/Vadose Monitoring</u> Phase 1: LCRS Sump: Measurement taken: (1.90). Water Pumped: (N/A).							
Vadose: Measurement taken: (0.64). Water Pumped: (N/A).							
Phase II: LCRS Sump: Measurement taken: (.5). Post sample/pumping. Water Pumped: (503).							
Vadose: N/A.							
<u>Inspections:</u> CAMU: Weston monitored sump access.							
Weston night shift pre-trip inspection of trucks two trucks found with buildup to go throw for deep clean.							
Eastside: Perimeter fence inspection, no findings, all secure. Weston installed (35) new (No Trespassing Signs).							

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 =		597,936	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, (126) loads @ 18cy/load (7) trucks =		2,268	cy
Daily Night shift placed today: (53) loads @ 18cy/load (16) trucks =		954	cy
To Date Phase II estimated cumulative waste placed =		601,158	cy
Phase IIIA			
Previous Daily Cumulative =		125,082	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: (202) loads @ 18cy/load (18) trucks =		3,636	cy
To Date Phase IIIA estimated cumulative waste placed =		128,718	cy

		Estimated Waste at Completion (cy)	% Complete
Cummulative Total To Date All Phases =		1,021,076 cy	49.8%

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	242,600	50,000	292,600
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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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	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 221

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

		Total Geosynthetics for CAMU Basic Scope (sf)	% 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 no smoking in company vehicles and equipment.
CAMU Day: Discussed no smoking in company vehicles and equipment.
CAMU & Eastside Night Shift: Discussed dust control and watch Friday night traffic on Boulder Hwy.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

May 2024 Summary:

- Monitored waste placement of eastside waste material in Phase II and Phase IIIA landfills on the night shift.
- Monitored waste placement of silt trench waste materials in Phase II on the day shift.
- Monitored backfilling operation in Phase IV.
- Monitored backfill and compaction of anchor trench in Phase IIIB. Performed compaction testing.
- Monitored the installation of geosynthetics in Phase IIIB.
- 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

CAMU: Weston collected standing water in 4" HDPE pipe and transferred to GES for analysis.

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

8-May-09

Signature _____

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: Storm drain manhole.

Photo 2



CAMU: Phase IIIB, anchor trench.

Photo 3



CAMU: Phase IV, grading.

Photo 4



Eastside: 7A scrape, PUB haul rd.