

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No. / Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Feb-09	221

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	Reagat Sabu, On Site.	rsabur@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5555
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsoluti	720-641-8560

WEATHER CONDITIONS

Conditions	Temp. (°F)	Wind	Additional Readings
ASR Sunny/Clear	Low 44 High 60	SSW 5mph	Pressure (in.) Humidity (%)
Notes on Weather Comments: Clear. Winds 0-5 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.	Y
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
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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	QA/QC Tech	Oversight	Y
Victor Heredia	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
Mark Eizman, ASW	Inspector	Liner Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Raivica	Inspector	NDEP	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	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	Y
Dale Walsh	Converse	CSP, Safety	N
Ell Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	Y
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N
	Foundation Pile, Inc.	Demobilized.	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D450 Dump Trucks (9)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Case double 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 (2)		CAMU	-	-	-	-
CAT D-6 Dozer, (2)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
IR Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		Eastside, screening 1" & 6" minus	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

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MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Quantity	Value (\$)
GCL	CETCO	0	rolls	For CAMU, On site	909	
Geocomposite	Agru	85	rolls	For CAMU, On site	2238	
Geomembrane	Agru	0	rolls	For CAMU, On site	338	

WORK COMPLETED

Completion of Work Previous Day:

Eastside Mixing and Drying Activity:

Day Shift:

- PUB-3 excavating and stockpiling for loadout with long stick excavator.
- PUD-3 excavating screened spoils, loading (3) trucks and hauling material to beta stockpile.
- PUE-3 excavated to design grades in Southeast corner.
- PUD- 4, excavator and powerscreener, screening soils to 1" & 6" minus, for operations layer.
- Moisture conditioning beta ditch material in preparation for loadout.
- Installing mechanical tire wash system.

Night Shift:

- Excavated and hauled material from the Beta ditch.
- Loaded and hauled material from Parcel 7A ponds.

CAMU Activity:

- Day Shift:
- Phase IIIA continue backfilling and compacting anchor trench.
- Continued grading N. BMI Landfill. Also continued first lift placement of 1" minus on north slope.
- Slit trench, NW-1, continued excavation east. (1) excavator, (4) trucks. Placing in Phase II.
- Slit trench, NW-2, no activity.
- Continued removing concrete headwall in Phase IIIB.
- Continued backfilling and grading in NE Equalization basin.
- Continued installing 42" RCP storm drain pipe.
- Pumped water out of Phase II sump.

Night Shift:

- Placed material in Phase II. Building up ramp for access to Phase III.

Embankment

- Phase I embankment, complete.
- Phase 1 estimated cumulative embankment placed: 0 cy
- Phase II embankment, complete.

Other:

Inspections:

Slit Trench NW-1, Visual inspection, working out of the east ramp into more granular material with white and gray discolored soils. One excavator working.

Eastside 7A Ponds, Ron Sahu, Entact & Weston inspected work performed and looked at flagged areas. Ron determined areas to continue removal.

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 =	289,040 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Phase IV&V scrape, (0) loads @ 20 cy/load (0 trucks) =	cy
Daily Day shift waste placed today: Slit Trenches, (89) loads @ 18cy/load (4) trucks =	1,602 cy
Daily Night shift placed today: (253) loads @ 18cy/load (19) trucks =	4,554 cy
To Date Phase II estimated cumulative waste placed =	295,196 cy

Cummulative Total To Date All Phases =	586,396 cy	Estimated Waste at Completion (cyl)	% Complete
		2,200,000	26.7%

Geosynthetics Placed

	Previous Daily Cum (sf)	Placed Today (sf)	Cummulative Placed to Date (sf)
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	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

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		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 Phases + BMI N&S (sf) =	2,138,308	4,151,232	51.5%	6,534,075	32.7%

Source: <i>Journal of Health & Safety Analysis Target Fire Safety Inspection Checklist</i> Safety Topic: _____ Day: Discussed Fire extinguisher inspections and fire safety. CAMU Day: Discussed Fire extinguisher inspections and fire safety. CAMU & Eastside Night Shift: Discussed eye contact between truckdrivers and decon workers.		Eastside
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Daily CGA Summary

Monitor waste placement into Phase II Landfill during the day shift.

Monitor waste placement into Phase II Landfill during the night shift.

Monitor backfilling/grading in Phase IIIB.

Monitor the installation of cover soil at the North BMI Landfill.

Monitor excavation and placement of stormwater piping at the CAMU.

Monitor and inventory the delivery of geosynthetics.

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

Monitor backfilling and compacting anchor trench at Phase IIIA.

Summary of Progress, Findings, Recommendations Ron Sahu, site visit/inspection of 7A ponds with Entact and Weston to determine progress and inspect flagged areas that may need removal. Ron determined the areas to remove and areas to remain.	
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[illegible]

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: Phase IIIB, Concrete Headwall.

Photo 2



CAMU: Phase IIIB, Concrete Headwall.

Photo 3



CAMU: Slit trench, NW-1.

Photo 4



CAMU: NE Equalization Basin backfill.