

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Mar-09	235

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@brcwa.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Saha	rsaha@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	720-541-8660

WEATHER CONDITIONS

Conditions	Temp (°)	Wind	Atmos. Readings
AM Sunny/Clear	Low 47 High 66	SW 6mph	Pres. (in.) Humidity (%)
Notes: (All) Dome - Clear/Sunny 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	Asst. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Asst. Const. Mgr	Construction Management Services.	Y
Kevin Cooke	Asst. 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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Carmon 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 Fauchoux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Eizman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Hakvica	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 Carroll	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	N
Dale Walsh	Converse	CSP, Safety	N
El Blackburn	Entact	CSP, Safety	Y
	Environmental Specialists, Inc	Asst Project Manager	N
	Environmental Specialists, Inc	1 Liner Superintendent	N
	Environmental Specialists, Inc	12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	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 D400 Dump Trucks (9)		Eastside	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-
CAT D6R Dozer with disc		Eastside	-	-	-
CAT 345 excavators, (8)		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	-	-	-
Gradiall		CAMU	-	-	-
JLG		CAMU	-	-	-
IR Smooth drum Roller		CAMU, Phase 1	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-
Bonag Smooth drum Roller		CAMU, Phase 1	-	-	-
Christain 1400 Powerscreener		Eastside, screening 1" & 6" minus	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-

MATERIAL HANDLING - (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Inventory Verification
GCL	CETCO	36	rolls	For CAMU, On site	1288

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Geocomposite	Agro	0	rolls	For CAMU, On site	2292
Geomembrane	Agro	0	rolls	For CAMU, On site	448
WORK COMPLETED					
Description of Work Executed Today					
Eastside Mixing and Drying Activity:					
Day Shift:					
Beta ditch continued screening 1" & 6" minus material.					
SW-7, excavator loading out wet material (2) haul trucks hauling to PUE-S pond for drying.					
HP-2, stockpile/mixing.					
SW-2, continued mixing.					
Continued haul truck modifications.					
Night Shift:					
Continued hauling material from the Beta ditch.					
Continued hauling material from Parcel 7A ponds.					
CAMU Activity:					
Day Shift:					
Continued excavating silt trench NW-1, loading out gravel, white and gray material.					
Silt trench NW-3, concrete breaker continued to size yellow/green material and loaded out for placement in Phase II.					
Continued backfilling and installing 42" RCP storm drain pipe system.					
Phase IIIA, final grading and surveying of operations layer.					
Began excavating and loading waste at Findley property line, west of NW basin.					
Night Shift:					
Continued placing material in Phase II.					
Embankment					
Phase I embankment, complete.					
Phase I estimated cumulative embankment placed: 0 cy					
Phase II embankment, complete.					
Other: CAMU, Liner deliveries.					
Inspections: Silt trenches NW-1, white/gray material with gravel.					
NW-3, gravel, green/yellow material					

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 escape & 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 =	349,574 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: NW Basin to Findley property (43) loads @ 18 cy/load (2) trucks =	774 cy
Daily Day shift waste placed today: Silt Trenches, (76) loads @ 18cy/load (4) trucks =	1,368 cy
Daily Night shift placed today: (267) loads @ 18cy/load (19) trucks =	4,806 cy
To Date Phase II estimated cumulative waste placed =	356,522 cy
Phase IIIA	
Previous Daily Cumulative =	21,492 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IIIA estimated cumulative waste placed =	21,492 cy

Cummulative Total To Date All Phases =	669,214 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	32.6%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cummulative
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
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
BSI

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	2,138,398	4,151,232	51.5%	8,534,075	32.7%

HEALTH & SAFETY

Diagnosis of Hg²⁺ & Solvyl Action: Paper Test: - Solvyl impurities Contained

Safety Topic

Eastside Day: Discussed being aware of your surroundings, site traffic, etc.
CAMU Day: Discussed being aware of your surroundings, site traffic, etc.
CAMU & Eastside Night Shift: Reviewed job hazard analysis.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Criteria Across Tables: Table 1: Quality Performance Criteria

Daily COA Summary

- Monitor waste placement into Phase II Landfill during the day shift.
- Monitor waste placement into Phase II Landfill during the night shift.
- Monitor the grading of operational fill in Phase IIIA.
- Monitor the installation of RCP stormwater piping system.
- Inventory incoming delivery of geosynthetics, 36 rolls of GCL.
- Continue ongoing eastside waste sampling and lab testing.
- Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Illustrated by: Mary, 11 years, Pennsylvania, female

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

5-Mar-09

Signature _____

Weather Table

Sunny/Clear



Sunny / Party Cloudly



Cloudy / Partly Sunny



Cloudy



Overcast



Light Rain



Bain



Thunderstorms



Spew



Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Slit trenches.

Photo 2



CAMU: Slit trench, NW-3, Concrete breaker.

Photo 3



CAMU: Yellow/green material sized and placed in Phase II.

Photo 4



CAMU: NW Basin waste cleanup.