

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-Mar-09	258

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	farris@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	970-260-5666
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (°)	Wind	Attn: Readings
AM Sunny/Clear	Low 49	High 71 S 3mph	Precip. in (in)
	High 71		Humidity (%)

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.	N
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.	N
Jane 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	N
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	N
Camron Liddell	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 Elzman, ASW	Inspector	Linear Inspector	N
Devin Gordon, McKinley	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakovic	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 Curila	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	40 Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Ferry Harper	Entact	Health & Safety Officer	N
Rick McIntire	Entact	CAMU, Superintendent	N
Dale Walsh	Entact	CSP, Safety	N
Er Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	N
Roger Wagner	Entact	Eastside, Superintendent, Night Shift	N
	ABC Survey	Eastside/CAMU	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, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Cave 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 (3)		CAMU	-	-	-	-
CAT D-8 Dozer, (3)		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
Grapple		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		CAMU, screening 1" & 6" minus	-	-	-	-
(1) Crane		Sheet pile driving, installed, (1) Crane remains.	-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery verification
GCL	CETCO	13	rolls	For CAMU, On site	To Date Qty. Spec. Issue

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Geocomposite	Agro	0 rolls	For CAMU, On site	2373
Geomembrane	Agro	0 rolls	For CAMU, On site	514

WORK COMPLETED	
<u>Eastside Mixing and Drying Activity:</u> <u>Day Shift:</u> - Continued final scrape in PUA-7 and hauled material to SW-2. - Continued hauling and spreading wet material from SW-7 to SW-3. - Stockpiling material in SW-2 & CTR-4. - Farming wet material that has been spread out on dry with the D8 discs. - Moisture conditioning North end of Beta ditch using water truck. <u>Night Shift:</u> - No Activity. <u>CAMU Activity:</u> <u>Day Shift:</u> - Continued excavating silt trenches NW-1 east and SW-2, east. - Continued grading North BMI Landfill. - Upon inspection approval began backfilling Phase IIIB trench remediation east of the concrete headwall. - GIS on site Sampled Phase I and Phase II Sumps. - Phase I LCRS measured. Phase I Vadose measured. Phase II LCRS measured and pumped. - Unloaded liner delivery trucks. - Continued backfilling and compacting NW-1, additional excavation area, south connecting Phase IIIB trench. <u>Night Shift:</u> - No Activity. <u>Embankment</u> - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: 0 cy - Phase II embankment, complete. <u>Sump/Vadose Monitoring:</u> Phase I: LCRC Sump: Measurement taken: 8AM, (1.30), 6PM, (N/A). Water Pumped: N/A. Vadose: Measurement taken: 8AM, (0.70), 6PM, (N/A). Water Pumped: N/A. Phase II: LCRC Sump: Measurement taken: 8AM, (2.80), 1406PM, (2.10), 1645PM, (1.70) Water Pumped: 1,800 gal. Vadose: N/A. <u>Inspections:</u> CAMU: Weston monitored, Sump access, measuring and pumping. Phase IIIB trench remediation east of concrete headwall. Weston inspected minor cleanup work identified 3-27, (completed) 3/28.	

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 =		474,620 cy
Operations layer placed (completed) for liner certification, = 37,188		cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (0) loads @ 18 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Silt Trenches, (40) loads @ 18cy/load (4) trucks =		760 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		cy
To Date Phase II estimated cumulative waste placed =		484,236 cy
Phase IIIA		
Previous Daily Cumulative =		21,492 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		cy
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =		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 =		cy
To Date Phase IIIA estimated cumulative waste placed =		21,492 cy

	Cumulative Total To Date All Phases =	786,928 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	38.9%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative
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

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	2,138,308	4,151,232	51.5%	6,534,075	32.7%

HEALTH & SAFETY

Two good health & safety actions taken today - Safety Performance Committee

Safety Topic

Eastside Day: Discussed housekeeping and dust control.
CAMU Day: Discussed housekeeping and dust control.
CAMU & Eastside Night Shift: No Work.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Examples of Quality Customer Service From Today's Leading Companies Available

Daily CQA Summary

Monitored waste placement into the Phase II Landfill of silt trench materials on the day shift.
Monitored installation of cover soil on BMI North Landfill.
Monitoring backfill operations in NW-1 additional excavation area, South.
Inventory incoming geosynthetics, 13 rolls of GCL.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Revisions of Study: Correcting Omissions/Errors

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared _____

26-Mar-09

Signature _____

Weather Table

Sunny/Clear

9

Sunny / Partly Cloudy

9

Cloudy / Partly Sunny

110

Cloudy

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Overcast

m

Light Rain

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Rain

33

Thunderstorms

3

Snow

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Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: North BMI, North Slope.

Photo 2



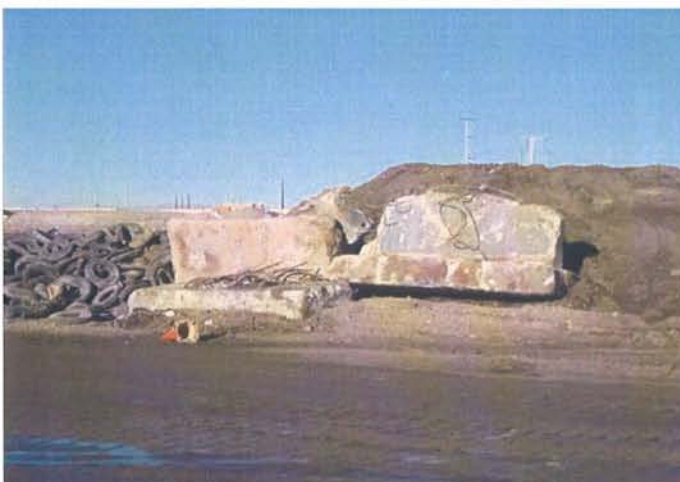
CAMU: NW-1. additional excavation, south tie-in to Phase IIIB excavation.

Photo 3



CAMU: Level B slit trench waste placement in Phase II.

Photo 4



CAMU: Concrete walls from Phase IIIB trench excavation.