

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	02-Mar-09	232

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	Ranaji 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	Actual Readings
AM Sunny / Partly Cloudy PM Cloudy	Low 55 High 74	10MPH 10mph	Precip. (inches) Humidity (%)

National Weather Service

Winds in PM 5 - 10 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.	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.	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
Canon 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 Ertman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McKinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Lutoff, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakvica	Inspector	NDEP, Site tour	Y
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erin Geringer	Entact	Project Manager	N
Jeremy Schisler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Cutler	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	4th Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	Health & Safety Officer	N
Pick McIntire	Entact	CSP, Safety	N
Dale Walsh	Converse	CSP, Safety	N
Ek Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc.	1 Linear Superintendent	N
	Environmental Specialties, Inc.	12 Laborers/ Swimmers	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mobawk 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 (8)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D6R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Caterpillar 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	-	-	-	-
Grassall		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 Powerscreeper		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	51	rolls	For CAMU, On site	1142

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Geocomposite	Agro	0 rolls	For CAMU, On site
Geomembrane	Agro	0 rolls	For CAMU, On site
		2292	
		448	

WORK COMPLETED

Summary of Work Completed Today

Eastside Mixing and Drying Activity:

Day Shift:

- PUD-4, powerscreener screening 1" & 6" minus material. Hauling tailing to SW-2 and beta stockpile for mixing.
- SW-2, excavator mixing waste.
- PUC-4, remedial waste from north berm, top and south slope.
- 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 trenches NW-2 & NW-3. Trash and debris, gravel and paper products watered down and hauled.
- Continued 42" RCP storm drain pipe system installation.
- Phase IIIA, placed operations layer, east and south slope.

Night Shift:

- Continued placing material in Phase II.
- Continued hauling 6" minus operations layer material to Phase IIIA.

Embankment

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

Other: Liner delivery.

Inspections: Silt trenches NW-2, trash, paper and gravel material
NW-3 trash, paper and gravel along with green/yellow hard 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 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 =	336,596	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: Phase IIIB 0 loads @ 18 cy/load (0 trucks) =	0	cy
Daily Day shift waste placed today: Silt Trenches, (169) loads @ 18cy/load (4) trucks =	2,862	cy
Daily Night shift placed today: (36) loads @ 18cy/load (9) trucks =	648	cy
To Date Phase II estimated cumulative waste placed =	340,106	cy

Phase IIIA

Previous Daily Cumulative =	12,870	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: (258) loads @ 18 cy/load (19) trucks =	4,644	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 =	17,514	cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion (cy)	% Complete
648,820 cy	2,050,000	31.6%

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)	Previous	Placed	Cumulative
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA	Previous	Placed	Cumulative
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	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IV	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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6369	BRC Eastside Common Areas Soils Remediation	02-Mar-09	232

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

1,111,468	0	1,111,468
1,111,468	0	1,111,468
1,111,468	0	1,111,468

0	0	0
0	0	0
0	0	0

Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

12,000	0	12,000
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CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

0	0	0
0	0	0
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 <i>Environmental Hygiene & Safety Action Team Friday - 8:45pm to 10:00pm EUCS1362</i> Safety Topic: Earthside Day: Discussed biological hazards. CAMU Day: Discussed biological hazards. CAMU & Earthside Night Shift: Ultimately the person most responsible for your safety is you.	
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Safety Topic:
 Eastside Day: Discussed biological hazards.
 CAMU Day: Discussed biological hazards.
 CAMU & Eastside Night Shift: Ultimately the person most responsible for your safety is you.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
<u>Daily CQA Summary:</u> Monitor waste placement into Phase II Landfill during the day shift. Monitor waste placement into Phase II Landfill during the night shift. Monitor the night haul of operational fill in Phase IIA. Monitor the construction of RCP stormwater piping system installation. Inventory incoming delivery of geosynthetics, S1 roll of GCL. Continue review of and updating of project documents and database to facilitate reporting.	

Daily CQA 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 night haul of operational fill at Phase IIIA.
 Monitor the construction of RCP stormwater piping system installation.
 Inventory incoming delivery of geosynthetic, 51 roll of GCL.
 Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION	
Continued from Issues - Comments, Comments/Staff, Issues Site tour, Brian Rakovica, NDEP and Devin Gordon, MGA.	

Site tour, Brian Rakvica, NDEP and Devin Gordon, MGA.

[illegible][illegible]

Richard Laubinger, Construction Manager

2-Mar-09

Weather Table	
Sunny/Clear	☉
Sunny / Party Cloudy	☂
Cloudy / Partly Sunny	☁
Cloudy	☁
Overcast	☁
Light Rain	☔
Rain	☔
Thunderstorms	⚡
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: Phase IIIA.

Photo 2



CAMU: RCP storm drain pipe installation.

Photo 3



CAMU: Slit trenches, NW-2 & NW-3.

Photo 4



CAMU: Slit trenches, NW-2 & NW-3.