

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	20-Feb-09	222

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Harris, On Site	lharris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahurj@earthlink.net	702-567-0400
CONSULT. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5866
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolult.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Adstl Readings
AM	Sunny / Partly Cloudy	PM	Cloudy / Partly Sunny	
		Low 41	High 64	Humidity %
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.	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.	N
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 Faucheux, 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	N
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	Y
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schlissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	N
Timothy Stadt	Entact	Health and Safety Technician	Y
	Entact	48 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
Lance Bruce	Entact	Health & Safety Officer	Y
Terry Harper	Entact	CAMU, Superintendent	Y
Plick McIntire	Entact	CSP, Safety	Y
Dale Walsh	Converse	CSP, Safety	N
El Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
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 D9R 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	-	-	-	-
Tamert 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	Moisture Verification
GCL	CETCO	0	rolls	For CAMU, On site	909
Geocomposite	Agru	54	rolls	For CAMU, On site	2292
Geomembrane	Agru	0	rolls	For CAMU, On site	338

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- PUD-3 excavating to design grade loading out (3) trucks hauling to Beta ditch stockpile and SW-2, with 345 excavator.
- PUB-8 excavating with long stick to design grade and stockpiling side of pond for loadout.
- 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.
- Final startup and demonstration of 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.
- N. BMI Landfill covered remaining exposed portion of North slope with visqueen plastic.
- Silt trench, NW-1, continued excavation east. (1) excavator, (4) trucks. Placing in Phase II.
- Silt trench, NW-1, northwest end removed 51 cylinders, (31) intact relocated to SE-2 on plastic wrapped and buried approximately 4 feet below grade. (18) cylinders open with holes, lears and rusted out, transported inside phase II and properly sized with processor.
- Phase IIIB concrete headwall completed. Sections transported into Phase II and are being processed.
- 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 IIIA.

Embankment

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

Other:

Inspections:

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

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 =	295,196 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Phase IIIB trench excavation debris by wall, (27) loads @ 20 cy/load (2 trucks) =	540 cy
Daily Day shift waste placed today: Silt Trenches, (43) loads @ 18cy/load (4) trucks =	774 cy
Daily Night shift placed today: (265) loads @ 18cy/load (18) trucks =	4,770 cy
To Date Phase II estimated cumulative waste placed =	301,280 cy

Cummulative Total To Date All Phases = 592,480 cy

Estimated Waste at Completion (cy)	% Complete
2,200,000	26.9%

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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Geotextile	0	0	0
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
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
4,151,232	51.5%	6,534,075	32.7%

HEALTH & SAFETY

Case proven Hazard & Safety Action Taken From: Safety Inspection Conducted

Safety Topic: _____ Eastside

Day: Discussed safe way to approach heavy equipment in operation.

CAMU Day: Discussed safe way to approach heavy equipment in operation.

CAMU & Eastside Night Shift: Discussed chances of an accident/incident increase later in the shift.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Approximate Quality Control Aspects Taken Today - Quality Items were Controlled

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 backfill/grading in NE Equalization basin.

Monitor the installation of cover soil at the North BML Landfill. Along with visqueen cover on north slope.

Monitor excavation and placement of stormwater piping at the CAMU.

Monitor and inventory the delivery of geosynthetics

Continue review of and updation of project documents and database to facilitate reporting

Monitor backfilling and compacting anchor trench at Phase IIIA.

ISSUES AND/OR ITEMS OF DISCUSSION

Downloaded from <http://ajphaphapublications.sagepub.com> at National Archive Publishing Co on June 11, 2015

Mechanical tire wash demonstration held along with Plan of the Day Meeting. Attendees: Brian Bakovic, NDER, Devin Gordon, Jennifer

Mechanical tire wash demonstration held along with Plan of the Day meeting. Attendees: Brian Rakvic, NDEP, Devin Gordon, Jennifer Glead, MGA, Lee Ferris, RBC, Richard Davis, Dick Leubinger, Weston, Jeremy Schiassler, EN Blackburn, Ed Long, Rick McIntire, Entact

Good, MGA, Lee Farris, BRC, Richard Davis, Dick Laubinger, Weston, Jeremy Schissler, Eli Blackburn, Ed Long, Rick McIntire, Entact. Electrical system was not operational, however a demonstration was performed via the water truck connecting the pressure for the system.

SITE VISITORS

[illegible]

Report Prepared By	Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 20-Feb-09

20-Feb-09

Weather Table

Sunny/Clear 69

Sunny / Party Cloudly ☺

Cloudy / Partly Sunny Cloudy

Overcast m

Light Rain 76

Rain

Thunderstorms ¥

Snow *et al.*

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: NW-1, looking west.

Photo 2



Eastside: Mechanical tire wash manifold and recycling tank.

Photo 3



Eastside: Mechanical tire wash, top sprayer.

Photo 4



Eastside: Professional driver lining up to tire washer.