

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No. Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	10-Feb-09	212

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONSULT. 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	Attn Readings
AM	Light Rain	Low 34	Low 10mph	Pressure 30.00
	PM	High 63	High 10mph	Humidity 90
Sunny, light wind to 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	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
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
Camon 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, McKinley	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 Reiva	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 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
Entact	Entact	46 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
Lance Bruce	Entact	Health & Safety Officer	Y
Terry Harper	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	N
Dale Walsh	Converse	CSP, Safety	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Environmental Specialties, Inc	Environmental Specialties, Inc	1 Liner Superintendent	Y
Environmental Specialties, Inc	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
ABC Survey	ABC Survey	Eastside/CAMU, Mohawk Drive	N
Foundation Pile, Inc.	Foundation Pile, Inc.	(8) Sheet Piling Crew working (4) lens.	Y

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 D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Case double pan scrapers.		Eastside, demolished.	-	-	-	-
CAT D6 LOP 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	-	-	-	-
Chaffin 1400 Powerscreener		CAMU, screening 1" & 6' minus	-	-	-	-
(2) Cranes		Sheet pile driving	-	-	-	-

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MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					No. of lots	Qty	Recep.	Trans.
GCL	CETCO	0	rolls	For CAMU, On site		909		
Geocomposite	Agri	81	rolls	For CAMU, On site		1686		
Geomembrane	Agri	0	rolls	For CAMU, On site		338		

WORK COMPLETED

Reproduction of New England today

Eastside Mixing and Drying Activity:

Day Shift:

- Excavating Pond PUC-4, loading and hauling to beta ditch stockpile and SW-2 pond.
- Excavating Pond PUA-7, stockpiling for load out.
- Continue pumping water from SW-7 to SW-12.
- Power screening for operations layer soils in PUD-3.
- Installing mechanical tire wash system, fabricating side boards and tarps for haul trucks.

- Night Shift:

- Hauled material from PUA-5/6.
- Excavated and hauled material from the Beta ditch.

CAMU Activity:

- Day Shift:
 - Hauled and placed 1" and 6" minus cover soils on N. BMI Landfill.
 - Silt trench NW-1 continued excavation. East.
 - Silt trench NW-2 excavated for a short period of time in order to allow flammable soils to burn out.
- Continued Phase V Scraps.
- NW Basin/Phase IIIB continued backfilling and compacting trench.
- Complete sheet piling installation.
- Continued power pole removal.
- Re-start excavating NE Equalization Basin in area power pole was removed.

- Night Shift:

- Continued placing material in Phase II.

Embankment

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

Other: Foundation Pile, Inc., Completed sheet piling installation.

Inspections:

Slit Trench NW-1, excavation, observations: white material, small rubble continues, encountering clean soils above design grade on floor. Inspected and advised contractor to discontinue removing clean and move over to waste. Inspected by Devin Gordon, McGinley, Dick Laubinger, Weston.

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 scrape & Phase III B 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 =	247,272	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: NE Equalization Basin, Phase IV&V scrape, (46) loads @ 20 c/yload (2 trucks) =	920	cy
Daily Day shift waste placed today: Slit Trenches, (71) loads @ 18cy/load (3) trucks =	1,278	cy
Daily Night shift placed today: (205) loads @ 18cy/load (7) trucks =	3,690	cy
To Date Phase II estimated cumulative waste placed =	253,160	cy

		Estimated Waste at Completion (cy)	% Complete
Cummulative Total To Date All Phases =	544,360 cy	2,200,000	24.7%

Geosynthetics Placed

Phase I (complete)	Previous Daily Cum (sf)	Placed Today (sf)	Cumulative Placed to Date (sf)
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	0	50,000	50,000
Geotextile	0	0	0
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	1,033,388	0	1,033,388
Geomembrane	1,033,388	0	1,033,388
Geocomposite	1,033,388	0	1,033,388
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 (\$f)	% 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 (\$f) =	2,060,228	4,151,232	49.6%	6,534,075	31.5%

HEALTH & SAFETY

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Safety Topic: Eastside

Day: Discussed Dust control

CAMU Day: Discussed Dust control.

CAMU & Eastside Night Shift: Discussed fueling of pressure washers on decon pad to be done by safety or management personnel.

Eastside

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Agreement of Quality Control Teams Taken Forty-Daily (percentage of Correct)

Daily CQA Summary

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

Monitor the 6' Phase V scrape during the day shift.

Monitor the installation of cover soil at the North RMI Landfill

Monitor backfill operations in NW Basin/Phase IIIB trench.

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

ISSUES AND/OR ITEMS OF DISCUSSION

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SITE VISITORS

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Report Prepared By: Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 10-Feb-09

Date Prepared	Signature
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10-Feb-09

Signature _____

Weather Table

Sunny/Clear 99

59

Sunny / Partly Cloudy 

9

Cloudy / Partly Sunny

mp

Cloudy ☁

 Ω

Overcast m

 $\mathfrak{m}$

Light Rain 76

76

Rain	
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333

Thunderstorms ☸

⋈

Snow *h*

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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: Slit trench, NW-1.

Photo 2



CAMU: Slit trench, NW-1.

Photo 3



CAMU: NW Basin/Phase IIIB, backfill.

Photo 4



CAMU: NW Basin/Phase IIIB, backfill.