

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	14-Jan-09	185

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	Ranajit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution.com	720-641-8660

WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low 45		Precip. (inches)	
				High 64	0mph	Humidity (%)	
Additional Weather 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.	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
Robecca Flynn	Engineer	Oversight	N
Wayne Wofford	QA/QC Tech	Oversight	N
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 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	Y
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Surveying, QA	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Gerlinger	Entact	Project Manager	Y
Josh Carrol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
	Entact	26 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	Y
Dale Walsh	Converse	CSP, Safety	Y

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Eli Blackburn	Entact	Asst Project Manager	Y	
	Environmental Specialties, Inc	1 Liner Superintendent	Y	
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y	
	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU, Mohawk Drive.	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		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavator, (3)		Eastside	-	-	-	-
CAT 330 Excavator		Eastside	-	-	-	-
Case double pan scrapers.		Eastside, demobilized.	-	-	-	-
CAT D6 LGP Dozer (1)		Eastside				-
Water Trucks (2)		Eastside				-
637/631 Cat Scrapers (2)		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				-
CAT 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				-
Chieftain 1400 Powerscreener		CAMU, screening 1" & 6" minus				-
						-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
GCL	CETCO	0	rolls	For CAMU, On site	to date	Qty	Spec	Tags
Geocomposite	Agru	54	rolls	For CAMU, On site		830		
Geomembrane	Agru	0	rolls	For CAMU, On site		832		
						258		

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- Continued pushing up/stockpiling/drying material in SW Ponds.
- Continued pumping water from SW-7 to SW-12.
- Excavating in PUB-5 below the design grade. Inspected by Weston, inspector observed additional contamination. Entact directed to continue removing up to 18" of material.
- Hauled dry material from PUB-5 to SW ponds for mixing.

Night Shift:

- Continue hauling material from HP-3/HP-2 and PUC-4.
- Hauled operations layer material from WST-6/8.

CAMU Activity:

- Day Shift:
- ESI continued placing geosynthetics on N. BMI Landfill.
- Continued excavating contaminated soil from NW basin/Phase IIIB and placing in Phase I.
- Continued screening cover soils for N. BMI Landfill from 200,000 cy stockpile.
- Continued hauling/placing 1" and 6" minus cover soils on N. BMI Landfill.
- Continued grading in Phase IIIA.
- Continued scrape of Phase IIIB, IV, and V. and haul material to Phase II.

Night Shift:

- Continue placing material in Phase II.

Embankment

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

Waste Placement

- Phase 1 estimated daily waste placed, (Phase IIIB Trench): 100 loads @ 20 cy/load = 2,000 cy. (2 trucks).
- night shift placed: (0) loads @ 18cy/load = 0 cy.
- Phase 1 estimated cumulative waste placed: 292,160 cy.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 294 loads @ 18cy/load = 5,292 cy. (19 trucks).
- Phase 2 estimated day shift placed: 26 loads @ 20 cy/load = 520 cy (Phase IV & V Scrape). (2 trucks).
- Phase 2 Operations Layer placed, daily 0 cy. Cumulative total: 27,182 cy.

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- Phase 2 Operations Layer placed, daily: 0 cy. Cumulative total: 37,188 cy.
- Phase 2 estimated cumulative waste placed: 80,966 cy.

Geosynthetics. Estimated cumulative installed quantity by Phase.

- Phase 1 GCL placed: 0 sf daily, 307,372 sf cumulative.
- Phase 1 Geomembrane: 0 sf daily, 307,372 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 3,372 sf cumulative.
- Phase 1 Geotextile: (0) sf daily, 69,340 sf cumulative.
- Phase 2 GCL placed: (0) sf daily, 498,468 sf cumulative.
- Phase 2 Geomembrane: (0) sf daily, 498,468 sf cumulative.
- Phase 2 Geocomposite: (0) sf daily, 520,592 sf cumulative.

Fill North Landfill GCL placed: 69,000 sf daily, 690,000 sf cumulative

HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted

Entact H&S Tailgates

Safety Topic: Eastside, Day: Discussed being aware of your surroundings and look out for one another.

Safety Topic: CAMU, Day: Discussed being aware of your surroundings and look out for one another.

Eastside and CAMU, Night: Discussed truckdriver communication with flaggers.

Safety Incidents: None.

Dust Incidents: None.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	1. Inspected 10 units of Product A for defects. Found 2 units with minor surface scratches. No action required.
2	2. Inspected 15 units of Product B for assembly errors. Found 3 units with missing screws. Re-worked 3 units.
3	3. Inspected 20 units of Product C for packaging damage. Found 5 units with damaged boxes. Re-packaged 5 units.
4	4. Inspected 25 units of Product D for labeling errors. Found 1 unit with incorrect label. Re-labeled 1 unit.
5	5. Inspected 30 units of Product E for material quality. Found 1 unit with defective material. Rejected 1 unit.
6	6. Inspected 35 units of Product F for finish quality. Found 2 units with uneven finish. Re-worked 2 units.
7	7. Inspected 40 units of Product G for color consistency. Found 1 unit with color mismatch. Re-painted 1 unit.
8	8. Inspected 45 units of Product H for structural integrity. Found 1 unit with loose joint. Tightened joint.
9	9. Inspected 50 units of Product I for electrical functionality. Found 1 unit with non-functional button. Replaced button.
10	10. Inspected 55 units of Product J for overall quality. Found 1 unit with multiple defects. Rejected 1 unit.

Daily CQA Summary.

Monitored waste relocation from Phase IIIB to Phase I on the day shift.

Monitor surficial scrape at Phase IV and V and relocation of materials to Phase II.
Monitor the installation of geomembranes at the N. BML Landfill

Monitor screening operations at the 200,000 cy stockpile.

Monitor the installation of cover soil at the N. BMI Landfill.
Monitor subgrade preparation at Phase IIIA.

Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

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Discussion of Issues / Concerns / Conversations / Topics

[illegible][illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 14-Jan-09

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



Eastside: PUC-4 contamination in sidewall North.

Photo 2



CAMU: North BMI Landfill liner installation.

Photo 3



CAMU: North BMI Landfill liner installation.

Photo 4



CAMU: North BMI Landfill, Entact, Geosyntec, and Weston monitoring the placement of 1" minus 12" layer on liner.