

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	04-Dec-08	148

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:lfarris@landwellco.com">lfarris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-5886
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution.com">Richard.Laubinger@westonsolution.com</a>	720-641-8660

### WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Cloudy	PM	Cloudy	Low 41		Precip. (in/Dy)	
				High 60	ESE 7mph	Humidity (%)	

Additional Weather Comments

0 mph, in AM. 7 mph in PM.

### 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	Y	
Robecca Flynn	Engineer	Oversight	N	
Wayne Wofford	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	

### 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 Elzman, 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, Site visit	N	
PBS&J, Survey	Surveyors	Surveying, QA	N	

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N	
Erik Geringer	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	N	

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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	Y	

### ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (2)		CAMU	-	-	-	-
JD D400 Dump Trucks (8)		Eastside		-	-	-
CAT 324D long stick excavator		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside		-	-	-
CAT 345 excavator		Eastside		-	-	-
CAT 330 Excavator		Eastside		-	-	-
Case double pan scrapers.		Eastside		-	-	-
CAT D6 LGP Dozer (2)		Eastside				-
Water Trucks (2)		Eastside				-
637/631 Cat Scrapers (6)		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				-
CAT Water Wagon		CAMU				-
CAT D-6 Dozer		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		Eastside, screening 1" minus				-
						-

### MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		506		
Geocomposite	Agru	0	rolls	For CAMU, On site		599		
Geomembrane	Agru	0	rolls	For CAMU, On site		192		

### WORK COMPLETED

Description of Work Executed Today

#### Eastside Mixing and Drying Activity:

- Day Shift:
- Continued screening moisture conditioned material using powerscreener, (PUB-4).
- Sprinklers watering PUC-3.
- Installed wheel wash bath for trucks by decon pad.
- Performed 3" scraping of an area 50'X50' in 4B.
- Worked on tarps and rails for haul trucks.

- Night Shift:
- Continued hauling 1" minus material to phase II for operations layer.
- Continued hauling material from beta stockpile to Phase I.

#### CAMU Activity:

- Day Shift:
- ESI continued installing geocomposite and woven geotextile in Phase II.
- Continued backfill and compaction of anchor trench in Phase II.
- Continued grading North BMI Landfill.
- Continued grading operations layer in Phase II.
- Night Shift:
- Continued placing 1" minus material in Phase II.
- Continued placing material from beta stockpile in Phase I.

#### Embankment

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

#### Waste Placement

- Phase 1 estimated daily waste placed: 0 loads @ 20cy/load = 0 cy.
- night shift placed: 18 loads @ 20cy/load = 360 cy.
- Phase 1 estimated cumulative waste placed: 210,898 cy. Western Ditch, NE Equilization, Eastside beta stockpile and PUA-4.PUB-3.
- Phase 1 Operations Layer placed. completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 166 loads @ 20cy/load = 3,320 cy. (13 trucks hauling).
- Phase 2 Operations Layer placed. daily 3,320 cy. Cumulative total: 28,020 cy.



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- Phase 2 Operations Layer placed. daily: 3,320 cy. Cumulative total: 28,020 cy.

**Geosynthetics.** Estimated cumulative installed quantity by Phase.

- Phase 1 Geomembrane: 0 sf daily, 307,372 sf cummulative

- Phase 1 Geocomposite: 0 sf daily, 307,372 sf cumulative

-Phase 2 GCL placed: (0) sf daily, 498,468 sf cumulative.

-Phase 2 Geocomposite: (5,592) sf daily, 520,592 sf cummulative

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## HEALTH & SAFETY

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

## Entact H&S Tailgates

Safety Topic: Eastside: Wearing rings very dangerous on construction site.

Safety Topic: CAMU, Day: Wearing rings very dangerous on construction site.

Eastside and CAMU, Night shift: Importance of communication.

**Safety Incidents:** None.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

### Daily CQA Summary..

Monitored waste material placement in Phase II as operations layer, (night shift).

Monitored waste material placement in Phase I (night Shift.

Monitored installation of geosynthetics in Phase II.

Monitored BMI North subgrade preparation.

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

Performed compaction testing of anchor trench around phase II.

Performed inspection of subgrade on BMI North Landfill. Noted areas that needed attention.

## ISSUES AND/OR ITEMS OF DISCUSSION

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*Discussion of Issues / Concerns / Conversations / Topics*

Inspected BMI North subgrade, Noted small areas needing attention. Geosyntec, Weston, Entact.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Date Prepared	Signature
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Signature \_\_\_\_\_

Dick Laubinger, Construction Manager 4-Dec-08

4-Dec-08



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase II looking north.

Photo 2



CAMU: Phase II, placing operations layer.

Photo 3



CAMU: Phase II Southeast corner toe drain installation.

Photo 4



CAMU: Phase II, East slope and floor, geocomposite installed.