

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Nov-08	136

### 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 47		Precip. (in/hr)	
				High 76	5mph	Humidity (%)	

*Additional Weather Comments*  
0 mph, in AM. Light wind 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.	Y
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	Y
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Robecca Flynn	Engineer	Oversight	N
Wayne Wofford	QA/QC Tech	Oversight	Y
Brent Barbacane	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	QA/QC Tech	Oversight	Y
Roland Derosier	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 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	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	N
Dale Walsh	Converse	CSP, Safety	N

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	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				-
						-
						-
						-
						-

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

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tags
GCL	CETCO	39	rolls	For CAMU, On site		447		
Geocomposite	Agru	54	rolls	For CAMU, On site		356		
Geomembrane	Agru	0	rolls	For CAMU, On site		170		

### WORK COMPLETED

*Description of Work Executed Today:*

#### Eastside Mixing and Drying Activity:

- Day Shift:
  - Continue powerscreening, moisture conditioned soils in PUB-3.
  - Operated sprinkler system on PUB-4.
  - Worked on tarps and rails for haul trucks.
  - Prepare area for night operations.
- Night Shift:
  - Continued hauling material from Beta Stockpile over to the CAMU, Phase I for placement.
  - Hauled 1" minus material to Phase II for operations layer.

#### CAMU Activity:

##### Excavation .

- Day Shift:
  - ESI continued placing geocomposite in Phase II.
  - Began removing western ditch ramp into phase II and placing in Phase I.
  - Excepted delivery and unloaded geosynthetics.
  - Began backfill of trench excavation where waste was found.
  - Prepared for night haul operations.
- Night Shift:
  - Continued placing material from Eastside into Phase I.
  - Started placing 1" minus screened operations layer in Phase II. Began slow start, develop turnaround at base of ramp.

##### Embankment

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

##### Waste Placement

- Phase 1 estimated daily waste placed: 52 loads @ 20cy/load = 1,040 cy. (2 trucks hauling).
- night shift placed: 196 loads @ 20cy/load = 3,920 cy. (12 trucks hauling.)
- Phase 1 estimated cumulative waste placed: 196,358 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 Operations Layer placed, daily 600 cy. Cumulative total: 600 cy.

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- Phase 2 Operations Layer placed, daily: 600 cy. Cumulative total: 600 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, 307,372 sf cumulative.

- Phase 1 Geotextile: (0) sf daily. 69,340 sf cumulative.

-Phase 2 GCL placed: (0) sf daily, 423,468 sf cumulative.

-Phase 2 Geomenbrane: (0) sf daily, 423,468 sf cummulative.

## HEALTH & SAFETY

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

## Entact H&S Tailgates

Safety Topic: Eastside; Dust control. Housekeeping in heavy equipment.

Safety Topic: CAMU, Day: Safety while offloading geosynthetics.

Night shift: Line of sight on the decon pads, watch out for deconners. Housekeeping in trucks.

**Safety Incidents:** No.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

## Daily CQA Summary

Monitored waste placement, compaction and proofrolling of material hauled from Eastside Beta Stockpile, placed in Phase I. Night shift.

Monitored waste placement, compaction, of mass excavation removing ramp in western ditch, hauled and placed in Phase I. Day shift..

Monitored installation of geocomposite in Phase II.

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

Inventory the delivery of 54 rolls of Geocomposite and 39 rolls of GCL.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Dick Laubinger, Construction Manager 19-Nov-08

Report Prepared By / Title	Date Prepared	Signature
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Dick Laubinger, Construction Manager 19-Nov-08

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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: Western ditch, east slope shaping and ramp removal.

Photo 2



Eastside: Powerscreening, PUB-3.

Photo 3



CAMU: Geocomposite installation of west slope at Phase I tie-in. Proceeding south in Phase II.

Photo 4



CAMU: Geocomposite installation west slope beginning Phase II.