

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Jul-08	25

### 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.	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutio	720-641-8660

### WEATHER CONDITIONS

Conditions		Temp (°F)		Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny / Party Cloudy	Low 85	Precip. (in.Dy.)	
				High 108	Humidity (%)	

Additional Weather Comments

Calm, to ligh wind.

### 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
TBD	Project Engineer	Construction Management Services.	N
TBD	Admin Assistant	Construction Management Services.	N

### ON-SITE GEOSYNTEC PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Wayne Wofford	QA/QC Tech	Oversight	Y
Brent Barbacane	QA/QC Tech	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N

### ON-SITE Tetra Tech PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Doug Herlocker	Air Monitoring Specialist	Air Monitoring	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	Superintendent	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Michael Parker	Entact	Health and Safety Technician	Y
	Entact	13 Equipment Operators & Truck Drivers	Y
	American Asphalt	Earthwork Superintendent	Y
	American Asphalt	11 Equipment Operators & Truck Drivers,	Y
	Environmental Specialties, Inc	Liner Superintendent	Y
	Environmental Specialties, Inc	12 Liner laborers	Y

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## ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (1)		Eastside	-	-	-	-
JD D400 Dump Trucks (4)		Eastside	-	-	-	-
CAT 324D long stick excavator		No activity	-	-	-	-
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	-	-	-	-
Bobcat Skidsteer		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
CAT D4 dozer		CAMU	-	-	-	-
SAKAI Smooth drum roller		CAMU	-	-	-	-
Ingersol Rand Smooth roller		CAMU	-	-	-	-

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

Material	Vendor	QTY	UOM	Purpose	Delivery Verification			
					Condn	Qty	Spec	Tags
Geocomposite Clay Liner	CETCO	26	rolls	For CAMU				
Geocomposite 60 mil Liner	Agru	0	rolls	For CAMU				

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

- SW-9 Loading out wet soils on (2) trucks, hauling to HP-3. D6 dozer spreading out wet material.
- D8 dozer disking all areas.
- D6 dozer grading beta ditch area for future stockpiling.
- CAT 330, excavator, Moved to CAMU for stockpile remediation.
- Motorgrader grading haul roads.
- Case tractor and scrapers continued cutting down haul rd.
- Estimated dried material hauled to stockpile: (TBD) cy daily, (TBD)cy cumulative.

### CAMU Activity:

#### Excavation

- Phase 1, Grading East and West slopes, grading floor and hauling material to north stockpile with scrapers.
- (6) scrapers were deconned, inspected and put back in service.
- Excavating Northwest Retention Pond, on hold due to discolored soils. Area has been cordoned off. Samples taken.
- Entact excavated a pothole to 10 feet in haul rd West of Northwest Detention basin. Findings: Top 18" clean soil, next 2' white material, Bottom 6' black material with some debris. Black material still evident at 10'.
- Entact mobilized (1) 330 CAT Excavator, and (3) Articulating 40 ton dump trucks, Began remediation and hauling discolored soils from top of stockpile. Construction Manager and QA/QC personnel monitored the work.
- (TBD) cy daily, (TBD) cumulative.

#### Embankment

- Phase 1 estimated daily embankment placed: 0 cy
- Phase 1 estimated cumulative embankment placed: 0 cy

#### Waste Placement

- Phase 1 estimated daily waste placed: 0 cy
- Phase 1 estimated cumulative waste placed: 0 cy

#### Geosynthetics

- Phase 1 GCL placed: 0 sf daily, 0 sf cumulative
- Phase 1 Geomembrane: 0 sf daily, 0 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 0 sf cumulative
- Phase 1 Geotextile: 0 sf daily, 0 sf cumulative

#### Other

- PBS&J Survey on site at CAMU, Phase 1.
- Entact Unloaded liner trucks at CAMU.
- Liner Crew recieved site orientation/ site safety briefing. Unloaded equipment, filled sand bags. Unloaded Liner from delivery truck.

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### Perimeter Fence Inspection and Repair

Inspection no findings.

## HEALTH & SAFETY

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

### Entact H&S Tailgates

**Morning:** Site traffic, watch for other trucks and equipment also visitors.

Afternoon: Hazardous communication.

## American Asphalt Tailgates

**Morning:** Stop work responsibility of all workers. Site traffic, watch for other trucks and equipment also visitors. Liner trucks delivering.

## QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

### Daily CQA Summary

Monitored and inspected off loading of liner at CAMU.

Monitored and inspected (6) scrapers deconned.

Monitored CAMU stockpile remediation/removal of discolored soils.

Deviations from CQA Plan

None

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Brian Rakvica, NDEP, CAMU, Site visit with Lee Farris, Dan Brennecke and Dick Laubinger. Brian asked for the following steps to be taken:

1. Cordon off bypass haul rd and Northwest detention basin areas with discolored soils. (done)
2. Pothole in west haul rd next to fence. (done) Pothole east of the detention basin. (at a later date).
3. Cap haul rds 12" with clean soils, where discolored soils may continue below grade.

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Dick Laubinger, Construction Manager**

Date Prepared

18-Jul-08

Signature \_\_\_\_\_



## Weston Solutions, Inc

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### DAILY PHOTO LOG

Photo 1



Insert Picture Description

CAMU, stockpile. Entact remediating discolored soil from stockpile.

Photo 2



Entact: Potholing West haul rd.

Photo 3



Pothole, West haul rd, Excavated to 10'.

Top layer approx: 18" of clean.

Middle layer: approx: 2' of white material

Remaining layer: 6' black material and debris, still evident.

Photo 4



Pothole with measuring stick at 10 feet.