

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	02-Oct-08	91

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On Site	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu, On Site	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.c	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution	720-641-8660

### WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny / Partly Cloudy	PM	Cloudy	Low 68		Precip. (in)	
				High 96	SW 10mph	Humidity (%)	

Additional Weather Comments:

AM, Winds calm from the North, PM, Winds steady 5- 10 mph from the Southwest.

### 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	
Dave Goertz	Project Engineer	Construction Management Services.	Y	
Richard Davis	Project Engineer	Construction Management Services.	N	
Chris White	Assist. Const. Mgr	Construction Management Services.	Y	
	Assist. Const. Mgr	Construction Management Services.		
June Laubinger	Admin Assistant	Construction Management Services.	Y	

### ON-SITE GEOSYNTEC PERSONNEL

Name	Position	Trade / Work Performed	Y/N	
Greg Corcoran	Engineer of Record	Oversight	N	
Dan Street	QA Manager	Oversight	Y	
Jim Cox	QA/QC Supervisor	Oversight	N	
Robbecca Flynn	Engineer	Oversight	N	
Wayne Wolford	QA/QC Tech	Oversight	Y	
Brent Barbacane	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.	Y	
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	
Scott McKeag, McGinley	Oversight	For NDEP	N	
Devin Gordon, McGinley	Oversight	For NDEP, attended decontamination demonstration.	Y	
Dock Kim, ATC	Field Observation	For AIG	Y	
Ron Perry, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey	Surveyors	Surveying, QA	N	
Brian Rakvica	Inspector	NDEP, attended decontamination demonstration.	Y	

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N	
Erik Geringer	Entact	Project Manager	N	
Josh Carrol	Entact	Asst Project Manager	N	
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	
Adam Calveledge	Entact	Health & Safety Officer	Y	
			Y	
Rick McIntire	Entact	CSP, Safety	N	
	American Asphalt	2 Equipment operators	Y	
	American Asphalt	1 Superintendent	Y	
	Environmental Specialties, Inc	Liner Superintendent	N	

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Environmental Specialties, Inc.	Laborers/ Seamers	N	
Kenney Survey	CAMU	Y	
ABC Survey	Eastside/CAMU	Y	

## ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (2)		CAMU	-	-	-	-
JD D400 Dump Trucks (6)		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		Eastside and CAMU				-
Tenent Street Sweeper		Eastside and CAMU				-
						-
						-
						-

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

Material	Vendor	QTY	UOM	Purpose	Delivery Verification			
					Condn	Qty	Spec	Tags
GCL	CETCO	13	rolls	For CAMU				
Geocomposite	Agru	0	rolls	For CAMU				
Geomembrane	Agru	0	rolls	For CAMU				

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

- Loaded out wet soils from SW-11 with CAT 345 excavator (3) trucks hauled 116 loads @ 20 cy/load = 2,320 cy. Spreading at dry ponds.
- D6 dozer spread wet material from SW-10 at HP-5.
- D8 dozer and disk working wet material previously placed at dry ponds.
- Tractor and pans - 71 loads @ 30 cy/loads = 2,130 cy prepared material. (1) tractor hauling to the staging area south of HP-3.
- Watered haul Rds and Maintained them with (2), 4,000 gal Water trucks and (1), 14H Motorgrader.
- Continued pumping water from SC-1 to SW-12.
- 324 CAT Longstick excavator mixed wet sediments into the dry ponds.
- D6N Idle.
- Conducted dust monitoring.

### CAMU Activity:

#### Excavation .

- Continued screening 6" minus material for future cover soil and engineered fill.
- Phase 2 screening 6" minus material for placement at phase 2 floor.
- Continued installation of construction fence along entrance haul road.
- Phase IIIA, excavation hauling to stockpile. 40 ton dump trucks- 133 loads @22cy/load = 2,926 cy - (3) trucks. Water truck support, went to a hand line.

#### Embankment

- Phase 1 embankment, complete.
- 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
- Phase 1 Operations Layer placed. completed.

#### 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

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- Phase 1 Geocomposite: 0 sf daily, 307,372 sf cumulative.  
- Phase 1 Geotextile: (0) sf daily, 69,340 sf cumulative.

**Other:** Construction Office Trailers:  
Electrical inspector inspected installed conduit and approved. Entact began backfilling electricians trenches.  
  
Received delivery of 13 Rolls of GCL.

#### HEALTH & SAFETY

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

### Entact H&S Tailgates

Safety Topic Eastside: Exclusion Zone, rules such as no eating or smoking.

Safety Topic CAMU: Discussed foot traffic while offloading GCL near haul road.

**Safety Incidents:** None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today: Quality Inspections Conducted

**Daily CQA Summary.**

Monitored site activities as described in the Plan of the Day.  
Monitored site haul road maintenance and construction of new 12" capped haul roads.  
Provide oversight at the CAMU regarding screening of native soils at the site stockpiles for the production of engineered fill.  
Phase II, monitored screening of native soils and placement of engineered fill on floor.  
Continue updating project documents and database to facilitate reporting.  
Monitored orange construction fence installations.  
Monitored and inventory the delivery and storage of 13 rolls of GCL.  
Attend 'dry run' decon demonstration at CAMU.  
Continue to establish an onsite soil laboratory at the Eastside.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first issue is the importance of the research topic.
2	2. The second issue is the methodology used in the study.
3	3. The third issue is the results of the study.
4	4. The fourth issue is the conclusion of the study.
5	5. The fifth issue is the implications of the study.
6	6. The sixth issue is the limitations of the study.
7	7. The seventh issue is the future research.
8	8. The eighth issue is the contribution of the study.
9	9. The ninth issue is the ethical considerations.
10	10. The tenth issue is the overall quality of the study.

Discussion of Issues / Concerns / Conversations / Topics

Demonstration of the decontamination of haul truck 'dry run' held on Westside exit decontamination pad . Ran one haul truck over CAMU exit haul road and performed decon. Truck inspected for any remaining sediments. Repeated (2) times. Attendees: Brian Rakvica, NDEP, Devon Gordon, McGinley Associates, Ron Sahu, Lee Farris, BRC, Dan Street, Geosyntec, Dan Brennecke, Dick Laubinger, Chris White, Weston Solutions, Mike Carlson, Russ Karnes, Joe Curila, Entact.

Doug Herlocker, Tetra Tech, Air Sampling. On site. checking operation and locations with co worker.

Spoke to Entact in regards to putting BMP's in place.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Dick Laubinger, Construction Manager 2-Oct-08

Date Prepared	Signature
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2-Oct-08

Signature \_\_\_\_\_



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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#### DAILY PHOTO LOG

Photo 1



CAMU: New haul road with culverts and construction fence installed.

Photo 2



CAMU: GCL liner being offloaded with a stinger pole.

Photo 3



CAMU: Phase II, Soils screening operation.

Photo 4



Westside: Truck decontamination demonstration.