

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	<b>BRC Eastside Common Areas Soils Remediation</b>	06-Aug-08	<b>41</b>

### 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@westonsolutions.com">Richard.Laubinger@westonsolutions.com</a>	720-641-8660

### WEATHER CONDITIONS

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudly	PM	Sunny / Party Cloudly	Low	81			Precip. (in/Dy.)	
				High	104	SW	3mph	Humidity (%)	
Additional Weather Comments light 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	
Greg Corcoran	Engineer of Record	Oversight	Y	
Rebecca Flynn	Engineer	Oversight	N	

### 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	Y	
Linda Nations, BRC	BRC, QA Oversight	Site Monitoring, Progress and Security	Y	

### OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N	
Scott McKeag, McGinley	Oversight	For NDEP	N	
Devin Gordon, McGinley	Oversight	For NDEP	Y	
Dock Kim, ATC	Field Observation	For AIG	Y	
Ron Perry, ASW	Inspector	For NDEP, CAMU Subgrade and Liner Inspection	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	
Michael Parker	Entact	Health and Safety Technician	Y	
	Entact	18 Equipment Operators & Truck Drivers	Y	
Ed Long	Entact	CAMU, Superintendent	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	
	Kenney Survey	Survey at Phase 1 CAMU	Y	

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	PBS&J Survey, QA		N	

[illegible]

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (1)		Eastside	-	-	-	-
JD D400 Dump Trucks (4)		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				-
Bobcat Skidsteer		CAMU				-
JLG		CAMU				-
CAT D4 dozer		CAMU				-
						-
						-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)	
1	1.00
2	1.00
3	1.00
4	1.00
5	1.00
6	1.00
7	1.00
8	1.00
9	1.00
10	1.00
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89	1.00
90	1.00
91	1.00
92	1.00
93	1.00
94	1.00
95	1.00
96	1.00
97	1.00
98	1.00
99	1.00
100	1.00

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

WORK COMPLETED

Description of Work Executed Today	
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
11	11.00
12	12.00
13	13.00
14	14.00
15	15.00
16	16.00
17	17.00
18	18.00
19	19.00
20	20.00
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100	100.00

**Eastside Mixing and Drying Activity:**

- Loading out dried material from SW-4 using 345 excavator. (4) methods trucks hauling to beta ditch stockpile. 194 loads, (5,000) cy.
- Leveled material from SW-4 on staging area and beta ditch using D6 dozer..
- D8 Dozer diskling wet pond material that is spread over the dry ponds.
- Versatile tractor and pump transporting dried out material from CTR-2 and spreading at stockpile. 41 loads, (1,230) cy.
- SW-8, 345 excavator remediating additional discolored soils below liner. Monitored by Construction Manager. (108) loads = (2,376) cy, to beta - ditch stockpile. Two spots excavated an additional 10' total, still discolored.
- Estimated dried material hauled to stockpiles: 48 loads, (1,056) cy daily, (TBD)cy cumulative.
- Welded 3" pipe for future pumping operations.

CAMU Activity:

[illegible]

- Phase 2, Excavation 631/632 scrapers, 3,000 cy.
- Screener, screening soils for slopes, continued placement as needed on south slope. Raking South slope on Phase 2.
- Entact maintained 12" clean soil cap over west haul rd and bypass rd.
- Phase I, (0) cy daily.. (TBD) cumulative.

**Embankment**

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

[illegible]

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

## Geosynthetics

- Phase 1 liner deployment. East slope..
- Phase 1 GCL placed: 51,457 sf daily, 204,667 sf cumulative
- Phase 1 Geomembrane: 51,457 sf daily, 227,853 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 0 sf cumulative
- Phase 1 Geotextile: 0 sf daily, 0 sf cumulative

**Other: Sewer Realignment:** Berm work complete. Construction fence, continued.

**Northeast Detention Basin at CAMU:** Construction fence installed around outside perimeter, completed. Pothole areas marked for excavation 8-7-08. No activity.



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### Perimeter Fence Inspection and Repair.

No Issues.

## HEALTH & SAFETY

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

## Entact H&S Tailgates

**Morning:** Fueling and Greasing make sure it doesn't end up on the ground.

**ESI, Liner Crew:** Night work, stay together until light plants are operational.

Afternoon: Hand protection.

## American Asphalt Tailgates

American Asphalt Paving  
Morning: Scraper traffic and Liner traffic on site. Watch for visitors.

**Safety Incidents:** None

## QUALITY CONTROL

QUALITY CONTROL	
Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
<p>1. Inspected all work areas for cleanliness and organization.</p> <p>2. Verified that all equipment is calibrated and functioning properly.</p> <p>3. Reviewed all test results for accuracy and consistency.</p> <p>4. Conducted random sampling of finished products for quality assurance.</p> <p>5. Performed visual inspection of all components for defects.</p> <p>6. Ensured that all safety protocols are followed during the inspection process.</p> <p>7. Documented all findings and corrective actions taken.</p> <p>8. Communicated inspection results to relevant personnel.</p> <p>9. Maintained accurate records of all quality control activities.</p> <p>10. Provided feedback to workers on areas for improvement.</p>	

### Daily CQA Summary

Daily CGA Summary  
Inspected Liner staging area and covering. Ok

Inspected and documented, Phase 1 Liner Installation on floor..

Liner Crew continued liner on floor.

Inspected 12" capped haul roads for degradation. All areas ok.

Inspected subgrade on floor area to be covered, Approved for installation.

**Dust:** Met requirements.

### Deviations from CQA Plan

None

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

CAMU: Burrowing Owls area, Sighting again today (3).

Eastside, SW-8, Remediation below liner. Two areas remain discolored after 10' excavation below liner. Greg Corcoran, Dan Brennecke inspected. Survey to follow.

Weekly Progress Meeting Held at BRC Offices.

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Dick Laubinger, Construction Manager**

Date Prepared

6-Aug-08

Signature \_\_\_\_\_



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU, Phase 1, East liner installation on floor.

Photo 2



CAMU, Phase 1, Liner Crew Deploying on floor.

Photo 3



Eastside, SW-4, Loading out trucks.

Photo 4



Eastside, SW-8. 3" HDPE pipe at toe of Northern Slope.