

## 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>	05-Sep-08	<b>68</b>

### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On Site.	<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/Clear	PM	Sunny/Clear	Low	74			Precip. (in/Dy.)	
				High	103	NNE	9mph	Humidity (%)	
Additional Weather Comments Calm to light wind in afternoon.									

### 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
Dave Gertz	Project Engineer	Construction Management Services.	Y
June Laubinger	Admin Assistant	Construction Management Services.	Y
Linda Nations	Asst Const Manager	Construction Management Services	Y

### ON-SITE GEOSYNTEC PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Wayne Wofford	QA/QC Tech	Oversight	Y
Brent Barbacane	QA/QC Tech	Oversight	N
Jim Cox	QA/QC Supervisor	Oversight	N
Greg Corcoran	Engineer of Record	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Camon Liddell	QA/QC Tech	Oversight	N
Dan Street	QA Manager	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	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	Liner Inspector	Y
PBS&J, Survey	Surveyors		N
Brian Rakvica	Inspector	NDEP	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	22 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
	American Asphalt	Earthwork Superintendent	Y
	American Asphalt	11 Equipment Operators & Truck Drivers,	Y
Rick McIntire	Entact	CSP, Safety	N
	Environmental Specialties, Inc	Liner Superintendent	N
	Environmental Specialties, Inc	3 Liner Seamers on site.	Y
	Kenney Survey	CAMU	Y

# DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Sep-08	68


## 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				-
Bobcat Skidsteer		CAMU				-
JLG		CAMU				-
CAT D4 dozer		CAMU				-
						-
						-
						-

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

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

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

- Loaded out WST-2 prepared material with CAT 345 excavator (4) trucks hauled 156 loads @ 20 cy/load = 3,120 cy.
- Tractor and pans - 50 loads @ 30 cy/loads = 1,500 cy CTR ponds Material - 2 tractors.
- Watered haul Rds and Maintained them with 4,000 gal Water truck and Motorgrader.
- CAT 324 Long Stick excavator worked on cleaning out the perimeter trenches in the SC-1 wet pond. Continued.

### CAMU Activity:

#### Excavation

- Northwest Detention Basin excavation - 631/637 scrapers - (0) cy. 0 scraper.
- Western Ditch. Power screener, AAG repairing belts. Manual screeners (2) delivered and used.
- Continued installation of LCRS toe drain. Final flushing of Northeast run performed and inspected. Approved.
- Continued fence installation (poured concrete for posts) in Tronox area for haul road construction.

#### 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 daily 25 loads @ 15 cy/load, (375) cy, 1 truck.

#### Geosynthetics.

- Phase 1 GCL placed: 0 sf daily, 347,067 sf cumulative.
- Phase 1 Geomembrane: 0 sf daily, 365,136 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 327,600 sf cumulative.
- Phase 1 Geotextile: (0) sf daily..

**Other:** CAMU, Phase 1 LCRS inspection, Ron Peery, ASW, Dan Street, Geosyntec, Dick Laubinger, Weston inspected LCRS pipe backflushing and cleaning of last 40'. Approved.  
Sump completed with rock and geocomposite.  
Initiated the installation of orange construction fence around the Phase 3A Western Ditch area. Power screening next week..



## 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>	05-Sep-08	<b>68</b>

**Perimeter Fence Inspection and Repair,**  
Southern perimeter, has several cuts. Fence contractor preparing bid.

Southern perimeter, has several cuts. Fence contractor preparing bid.

HEALTH & SAFETY

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

### Entact H&S Tailgates

Morning: Dump trucks, put bodies down before moving forward. Roll forward enough for tailgate to clear pile.

ESI, Liner Crew: .

Afternoon: Drink fluids.

## American Asphalt Tailgates

Morning: Heavy Equipment traffic.

**Safety Incidents:** No Incidents.

**Safety Incidents:** No Incidents.

QUALITY CONTROL	
-----------------	--

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

## Daily CQA Summary.

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

Inspected/ observed ops placement on slopes.

Inspected final 40' of LCRS 4" pipe to sump. Witnessed backflushing of pipe. sump recleaned and completed with rock..

**Dust:** Met requirements.

**Dust:** Met requirements.

Deviations from CQA Plan

None

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

CAMU: Inspected final 40' of LCRS 4" pipe to sump. Witnessed backflushing of pipe with Ron Peery, ASW, Dick Laubinger, Weston and Dan Street, Geosyntec.

ESI Liner Crew on site. Repaired wrinkle on slope at Phase 1 sump riser area.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
----------------------------	---------------	-----------

**Dick Laubinger, Construction Manager**

Date Prepared	Signature
---------------	-----------

5-Sep-08

Signature \_\_\_\_\_



## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	05-Sep-08	<b>68</b>

### DAILY PHOTO LOG

Photo 1



CAMU, Phase 1 backflushing 4" LCRS northeast line..

Photo 2



CAMU: Phase 1 LCRS pipe cleanout and flushing.

Photo 3



CAMU: Phase 1 backflushing LCRS pipe on northeast run.

Photo 4



CAMU, Manual Screening, Phase 1, ops layer with dust control.