

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Jan-09	184

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

### WEATHER CONDITIONS

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	40			Precip. (in/hr)	
				High	64	N	7mph	Humidity (%)	

Additional Weather Comments

Calm in AM. Light winds to 7 mph 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.	N	
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	N	
Dan Street	QA Manager	Oversight	Y	
Jim Cox	QA/QC Supervisor	Oversight	N	
Robecca Flynn	Engineer	Oversight	N	
Wayne Wofford	QA/QC Tech	Oversight	N	
Roland Derosier	QA/QC Tech	Oversight	Y	
Camon Liddell	QA/QC Tech	Oversight	Y	
Jeremy Osborn	QA/QC Tech	Oversight	Y	
Victor Heredia	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 Eizman, 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	Y	
Dale Walsh	Converse	CSP, Safety	N	

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Eli Blackburn	Entact	Asst Project Manager	Y	
	Environmental Specialties, Inc	1 Liner Superintendent	Y	
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y	
	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N	

### ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (9)		Eastside		-	-	-
CAT 324D long stick excavator		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside		-	-	-
CAT 345 excavator, (3)		Eastside		-	-	-
CAT 330 Excavator		Eastside		-	-	-
Case double pan scrapers.		Eastside, demobilized.		-	-	-
CAT D6 LGP Dozer (1)		Eastside				-
Water Trucks (2)		Eastside				-
637/631 Cat Scrapers (2)		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				-
CAT Water Trucks (2)		CAMU				-
CAT D-6 Dozer, (2)		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				-
Chieftain 1400 Powerscreener		CAMU, screening 1" & 6" minus				-
						-

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

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		830		
Geocomposite	Agru	54	rolls	For CAMU, On site		778		
Geomembrane	Agru	0	rolls	For CAMU, On site		258		

### WORK COMPLETED

*Description of Work Executed Today*

#### Eastside Mixing and Drying Activity:

##### Day Shift:

- Continued pushing up/stockpiling/drying material in SW Ponds.
- Continued pumping water from SW-7 to SW-12.
- Continued excavation performed in PUB-4 below the design grade as needed. As directed by BRC and under Weston supervision. Met with Entact again today at PUB-4, inspected, impacted soils still remain. Entact was directed to continue removing impacted soils only, up to 3 feet below design grade.
- Hauled dry material from PUB-4 to SW ponds for mixing.

##### Night Shift:

- Continue hauling material from HP-3/HP-2 and PUC-4.

#### CAMU Activity:

- Day Shift:
- ESI continued placing geosynthetics on N. BMI Landfill.
- Continued excavating contaminated soil from NW basin/Phase IIIB and placing in Phase I.
- Continued screening cover soils for N. BMI Landfill from 200,000 cy stockpile.
- Continued hauling/placing 1" and 6" minus cover soils on N. BMI Landfill.
- Continued grading in Phase IIIA.
- Continued scrape of Phase IIIB, IV, and V. and haul material to Phase II.

##### Night Shift:

- Continue placing material in Phase II.

#### Embankment

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

#### Waste Placement

- Phase 1 estimated daily waste placed, (Phase IIIB Trench): 81 loads @ 20 cy/load = 1,620 cy. (2 trucks).
- night shift placed: (0) loads @ 18cy/load = 0 cy.
- Phase 1 estimated cumulative waste placed: 290,160 cy.
- Phase 1 Operations Layer placed. completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 307 loads @ 18cy/load = 5,526 cy, (19 trucks).
- Phase 2 estimated day shift placed: 29 loads @ 20 cy/load = 580 cy (Phase IV & V Scrape). (2 trucks).
- Phase 2 Operations Layer placed. daily: 0 cy. Cumulative total: 37,188 cy.



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- Phase 2 Operations Layer placed: daily: 0 cy. Cumulative total: 37,188 cy.  
- Phase 2 estimated cumulative waste placed: 75,154 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, 3,372 sf cumulative.  
- Phase 1 Geotextile: (0) sf daily, 69,340 sf cumulative.  
-Phase 2 GCL placed: (0) sf daily, 498,468 sf cumulative.  
-Phase 2 Geomembrane: (0) sf daily, 498,468 sf cumulative.  
-Phase 2 Geocomposite: (0) sf daily, 520,592 sf cumulative.  
PM North Leadfill GCL placed: (32,000) sf daily, 840,828 sf cumulative.

## HEALTH & SAFETY

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

### Entact H&S Tailgates

Safety Topic: Eastside, Day: New Employee's on site. Mentor them.

Safety Topic: CAMU, Day: New Employee's on site. Mentor them.

Eastside and CAMU, Night: Do not ride in the back of a pickup truck on this jobsite.

**Safety Incidents:** None.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	

Daily CQA Summary.

Monitored waste placement from the eastside into Phase II. (Night Shift).  
Monitored waste relocation from Phase IIIB to Phase I on the day shift.  
Monitor surficial scrape at Phase IV and V and relocation of materials to Phase II.  
Monitor the installation of geosynthetics at the N. BMI Landfill.  
Monitor screening operations at the 200,000 cy stockpile.  
Monitor the installation of cover soil at the N. BMI Landfill.  
Monitor subgrade preparation at Phase IIIA.  
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first item of discussion is the importance of the study.
2	2. The second item of discussion is the methodology used in the study.
3	3. The third item of discussion is the results of the study.
4	4. The fourth item of discussion is the conclusion of the study.
5	5. The fifth item of discussion is the limitations of the study.
6	6. The sixth item of discussion is the future research.
7	7. The seventh item of discussion is the significance of the study.
8	8. The eighth item of discussion is the contribution of the study.
9	9. The ninth item of discussion is the practical application of the study.
10	10. The tenth item of discussion is the overall impact of the study.

Discussion of Issues / Concerns / Conversations / Topics

[illegible][illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 13-Jan-09

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## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



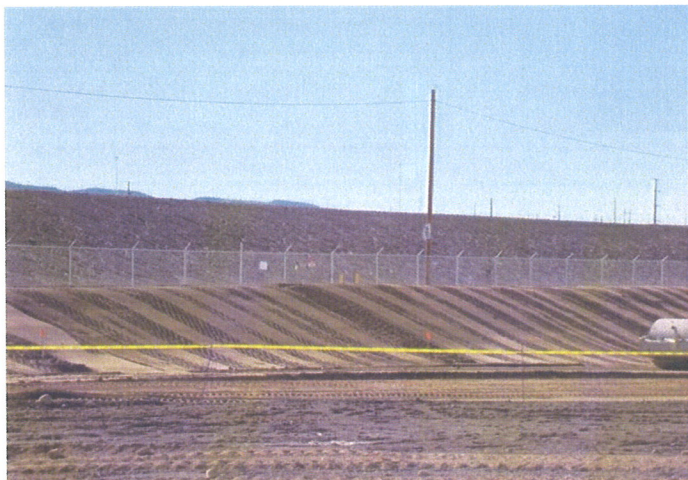
CAMU: NW Basin/Phase IIIB trench excavation, looking south.

Photo 2



CAMU: NW Basin/Phase IIIB trench excavation, looking south.

Photo 3



CAMU: Phase IIIA, subgrade/slope preparation, looking southwest.

Photo 4



CAMU: Phase IIIA, subgrade preparation looking southwest.