

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	09-Dec-08	153

### 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.c">Dan.Brennecke@westonsolutions.c</a>	970-260-5886
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution">Richard.Laubinger@westonsolution</a>	720-641-8660

### WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low 36		Precip. (inches)	
				High 56	NNE 15mph	Humidity (%)	
Additional Weather Comments 5 -10 mph, in AM. 10 -15 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	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	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 Elizman, 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	N
Dale Walsh	Converse	CSP, Safety	Y

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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	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		-	-	-
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		Eastside, screening 1" 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		506		
Geocomposite	Agro	0	rolls	For CAMU, On site		599		
Geomembrane	Agro	0	rolls	For CAMU, On site		192		

### WORK COMPLETED

*Description of Work Executed Today*

#### Eastside Mixing and Drying Activity:

- Day Shift:
  - Continued powerscreening material from (WST-6).
  - Watered PUC-3.
  - Worked on tarps and rails for haul trucks.
  - Prepared for night haul operations.
- Night Shift:
  - Continued hauling operations layer material from beta stockpile to Phase II.
  - Hauled material from beta stockpile to Phase I.
  - Hauled 1" minus material from WST ponds to Phase II.

#### CAMU Activity:

- Day Shift:
  - ESI continued installing GCL and geomembrane on North BMI Landfill.
  - Grade operations layer in Phase II.
  - Continue backfilling anchor trench for Phase II.
  - Continued grading North BMI Landfill.
  - Prepared for night haul operations.
- Night Shift:
  - Continued placing operations layer material from beta stockpile in Phase II.
  - Placed 1" minus material in Phase II.
  - Placed material from beta stockpile into Phase I.

#### 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: 0 loads @ 20cy/load = 0 cy.  
   night shift placed: 203 loads @ 18cy/load = 3,654 cy. (15 trucks).
- Phase 1 estimated cumulative waste placed: 214,552 cy. Western Ditch, NE Equilization, Eastside beta stockpile and PUA-4.PUB-3.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 49 loads @ 18cy/load = 882 cy (4 trucks)



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- Phase 2 estimated night shift placed: 49 loads @ 18cy/load = 882 cy. (4 trucks).  
- Phase 2 Operations Layer placed, daily: 882 cy. Cumulative total: 40,830 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, 307,372 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 Geomenbrane: (0) sf daily, 498,468 sf cumulative.

-Phase 2 Geocomposite: (0) sf daily, 520,592 sf cumulative.

-RMI North Landfill GC# placed: 17 600 of daily 157 754 of cumulative

## HEALTH & SAFETY

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

### Entact H&S Tailgates

Safety Topic: Eastside: Discussed bringing dangerous situations in the field to everybody's attention.

Safety Topic: CAMU, Day: Discussed bringing dangerous situations in the field to everybody's attention.

Eastside and CAMU, Night shift: Prescription medication notification.

**Safety Incidents:** None.

Dust Incidents: None. Windy conditions today. Entact managed dust, running 2 water trucks on CAMU side. One on Eastside.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	2
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99	100

Daily CQA Summary..

Monitored operations layer placement in Phase II.on night shift.

Monitored operations layer placement in Phase II on day shift.

Monitored installation of waste material from Eastside beta stockpile in Phase I on night shift.

Monitored installation of geosynthetics at the BMI North Landfill on the day shift.

Inspected BMI North Landfill subgrade for liner. Approved area.

Continued review of and updating of project documents and database to facilitate reporting.

Performed sampling activities on ponds PUA-7, PUA-8, and PUA-9.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first item of discussion is the importance of the research topic.
2	2. The second item of discussion is the research objectives.
3	3. The third item of discussion is the research methodology.
4	4. The fourth item of discussion is the research findings.
5	5. The fifth item of discussion is the research conclusions.
6	6. The sixth item of discussion is the research limitations.
7	7. The seventh item of discussion is the research implications.
8	8. The eighth item of discussion is the research recommendations.
9	9. The ninth item of discussion is the research future work.
10	10. The tenth item of discussion is the research acknowledgments.
11	11. The eleventh item of discussion is the research references.
12	12. The twelfth item of discussion is the research appendices.
13	13. The thirteenth item of discussion is the research glossary.
14	14. The fourteenth item of discussion is the research index.
15	15. The fifteenth item of discussion is the research abstract.
16	16. The sixteenth item of discussion is the research summary.
17	17. The seventeenth item of discussion is the research conclusion.
18	18. The eighteenth item of discussion is the research final remarks.
19	19. The nineteenth item of discussion is the research closing remarks.
20	20. The twentieth item of discussion is the research thank you.

Discussion of Issues / Concerns / Conversations / Topics

Liner installation crew had to stop deploying, due to windy conditions.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Dick Laubinger, Construction Manager 9-Dec-08

Date Prepared	Signature
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9-Dec-08

Signature \_\_\_\_\_

# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase II, operations layer placement, watching for oversized material.

Photo 2



CAMU: Phase II last area covered by operations layer.

Photo 3



CAMU: BMI North Landfill Liner deployment, looking east.

Photo 4



CAMU: BMI North Landfill Liner deployment looking east.