

## 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-Jan-09	173

### 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	Ranjit 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 39 High 57	SSW 5mph	Precip. (in/hr)	Humidity (%)

Additional Weather Comments

Evening cloudy, Wind 10 - 15 mph from the South, 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.	N	
Richard Davis	Project Engineer	Construction Management Services.	N	
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	N	
Camon Liddell	QA/QC Tech	Oversight	Y	
Jeremy Osborn	QA/QC Tech	Oversight	N	
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,	N	
Jerry Faucheux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N	

### OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N	
Mark Eizman, ASW	Inspector	Liner Inspector	N	
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	N	
Russ Karnes	Entact	Eastside, Superintendent	N	
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	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		-	-	-
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		506		
Geocomposite	Agru	0	rolls	For CAMU, On site		599		
Geomembrane	Agru	0	rolls	For CAMU, On site		192		

### WORK COMPLETED

*Description of Work Executed Today*

#### Eastside Mixing and Drying Activity:

- Day Shift:
- Continued excavating/stockpiling/drying material at Parcel 7A ponds.
- Continued running sprinklers on Parcel 7A PUD ponds.
- Completed surficial scrape at Mohawk Drive.
- Pushed up dry material in SW-9.
- Cleaning out /welding pipe to start pumping water again.

- Night Shift:
- Continued hauling material from HP-3/HP-2 and PUB-3.

#### CAMU Activity:

- Day Shift:
- ESI, continued placing GCL and geomembrane at the North BMI Landfill.
- Continued subgrade preparation at the North BMI Landfill.
- Continued screening cover soil for the North BMI Landfill.
- Continued hauling/spreading 1" minus material at the North BMI Landfill.
- Began hauling/spreading 6" minus material at the North BMI Landfill.
- Continued excavation of the impacted soil at Northwest detention basin and placed in phase I.

- Night Shift:
- Continued placing material in 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: 70 loads @ 20cy/load = 1,400 cy. (2 trucks).
- night shift placed: 280 loads @ 18cy/load = 5,040 cy (18 trucks).
- Phase 1 estimated cumulative waste placed: 275,220 cy. Western Ditch, NE Equilization, Eastside beta stockpile, Phase IIIB and PUA-4.PUB-3,HP-3.
- Phase 1 Operations Layer placed. completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 0 loads @ 18cy/load = 0 cy.
- 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.

**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 Geomenbrane: (0) sf daily, 498,468 sf cumulative.

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

-BMI North Landfill GCL placed: (40,000) sf daily, 490,838 sf cumulative.

•RMI North I landfill Geomembrane: (40 000) of daily 400 000 of cumulative

## HEALTH & SAFETY

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

### Entact H&S Tailgates

Safety Topic: Eastside: Proper PPE.

Safety Topic: CAMU, Day: Discussed wearing proper PPE and respirator maintenance.

Eastside and CAMU, Night: Discussed Entacts safety incentive program.

**Safety Incidents:** None.

Dust Incidents: At CAMU, Entact asked to use more dust control at excavation. Response timely.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	1. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
2	2. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
3	3. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
4	4. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
5	5. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
6	6. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
7	7. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
8	8. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
9	9. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.
10	10. Inspected 100% of the work performed by the crew on the project. The work was found to be in accordance with the plans and specifications. The crew was instructed to maintain the same level of quality and to continue to follow the safety protocols. The inspection was completed at 10:00 AM.

Daily CQA Summary.

Monitored waste relocation from the eastside to CAMU,Phase I waste placement on the Night shift.

Monitored protective cover placement at the North BMI Landfill on the day shift.

Monitored screening activities, 1" and 6" minus at the 200,000 cy stockpile.

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

Monitored waste excavation and relocation from Phase IIIB/Northwest detention basin to Phase I waste placement, during the day shift.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

None
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## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 2-Jan-09

Signature \_\_\_\_\_

# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



Mohawk drive, surficial scrape.

Photo 2



CAMU: North BMI Landfill second lift 6" minus placement.

Photo 3



CAMU: North BMI Landfill geosynthetics, installation.

Photo 4



CAMU: North BMI Landfill geosynthetics, installation.