

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Dec-08	164

### 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 / Party Cloudy	PM	Sunny / Party Cloudy	Low 34		Precip. (in/Dy.)	
				High 51	NE 6mpyh	Humidity (%)	

Additional Weather Comments

None

### ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N	
Dick Laubinger	Construction Manager	Construction Management Services.	N	
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.	N	

### 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, Set up new areas at CAMU	N	
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring,	N	
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	N	
Devin Gordon, McGinley	Oversight	For NDEP	N	
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	N	
Josh Carrol	Entact	Asst Project Manager	N	
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	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	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			
GCL	CETCO	0	rolls	For CAMU, On site	to date	Qty	Spec	Tags
Geocomposite	Agro	0	rolls	For CAMU, On site		506		
Geomembrane	Agro	0	rolls	For CAMU, On site		599		
						192		

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

- Day Shift:
- None
- Night Shift:
- Continued hauling material from HP-3 stockpile and PUA-4/PUB-4

### CAMU Activity:

- Day Shift:
- Continued first lift push-out of 1-inch minus on the BMI North Landfill
- Continued 6" scrape on Phase IIIB
- Prepared for night haul operations.

- Night Shift:
- Continued placing material in Phase 1.

### 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: 36 loads @ 20cy/load = 720cy.
- night shift placed: 230 loads @ 18cy/load = 4,140cy (17 trucks).
- Phase 1 estimated cumulative waste placed: 244,440cy. 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. Adjusted cy per truckload from 20cy to 18cy based on survey. 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.



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-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.  
-BMI North Landfill GCL placed: (0) sf daily, 330,638 sf cumulative.  
-BMI North Landfill Geomembrane: (0) sf daily, 330,638 sf cumulative.  
-BMI North Landfill Geocomposite: (0) sf daily, (305,000) sf cumulative.

**Other:** None

## HEALTH & SAFETY

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

## Entact H&S Tailgates

Safety Topic: Eastside: None

Safety Topic: CAMU, Day: Do not become complacent

Eastside and CAMU, Night shift: Make eye contact with the deconers when going through decon.

**Safety Incidents:** None.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

<i>Description of Quality Control Actions Taken Today / Quality Inspections Conducted</i>	

Daily CQA Summary..  
Monitored installation of waste material in Phase I on the

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Monitored protective cover placement on BMI North Landfill.

Monitored the placement of Phase IIIB maerial in phase 1.

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

Material from PUA7, PUA8 and PUA9 were sampled and tested.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first issue is the importance of the research topic. The second issue is the research methodology. The third issue is the research findings. The fourth issue is the research conclusions. The fifth issue is the research implications. The sixth issue is the research limitations. The seventh issue is the research strengths. The eighth issue is the research weaknesses. The ninth issue is the research contributions. The tenth issue is the research relevance. The eleventh issue is the research validity. The twelfth issue is the research reliability. The thirteenth issue is the research generalizability. The fourteenth issue is the research replicability. The fifteenth issue is the research transferability. The sixteenth issue is the research applicability. The seventeenth issue is the research practicality. The eighteenth issue is the research feasibility. The nineteenth issue is the research sustainability. The twentieth issue is the research ethicality. The twenty-first issue is the research integrity. The twenty-second issue is the research transparency. The twenty-third issue is the research accountability. The twenty-fourth issue is the research responsibility. The twenty-fifth issue is the research stewardship. The twenty-sixth issue is the research governance. The twenty-seventh issue is the research leadership. The twenty-eighth issue is the research innovation. The twenty-ninth issue is the research excellence. The thirtieth issue is the research impact. The thirty-first issue is the research legacy. The thirty-second issue is the research future. The thirty-third issue is the research vision. The thirty-fourth issue is the research mission. The thirty-fifth issue is the research values. The thirty-sixth issue is the research principles. The thirty-seventh issue is the research standards. The thirty-eighth issue is the research best practices. The thirty-ninth issue is the research benchmarks. The fortieth issue is the research indicators. The forty-first issue is the research metrics. The forty-second issue is the research measures. The forty-third issue is the research tools. The forty-fourth issue is the research techniques. The forty-fifth issue is the research methods. The forty-sixth issue is the research procedures. The forty-seventh issue is the research protocols. The forty-eighth issue is the research guidelines. The forty-ninth issue is the research frameworks. The fiftieth issue is the research models. The fifty-first issue is the research theories. The fifty-second issue is the research concepts. The fifty-third issue is the research definitions. The fifty-fourth issue is the research terminology. The fifty-fifth issue is the research nomenclature. The fifty-sixth issue is the research classification. The fifty-seventh issue is the research categorization. The fifty-eighth issue is the research organization. The fifty-ninth issue is the research structure. The sixtieth issue is the research design. The sixty-first issue is the research architecture. The sixty-second issue is the research layout. The sixty-third issue is the research format. The sixty-fourth issue is the research presentation. The sixty-fifth issue is the research communication. The sixty-sixth issue is the research dissemination. The sixty-seventh issue is the research distribution. The sixty-eighth issue is the research availability. The sixty-ninth issue is the research accessibility. The seventieth issue is the research openness. The seventy-first issue is the research inclusivity. The seventy-second issue is the research diversity. The seventy-third issue is the research equity. The seventy-fourth issue is the research justice. The seventy-fifth issue is the research fairness. The seventy-sixth issue is the research honesty. The seventy-seventh issue is the research truthfulness. The seventy-eighth issue is the research accuracy. The seventy-ninth issue is the research precision. The eightieth issue is the research exactness. The eighty-first issue is the research consistency. The eighty-second issue is the research coherence. The eighty-third issue is the research logic. The eighty-fourth issue is the research reasonableness. The eighty-fifth issue is the research rationality. The eighty-sixth issue is the research objectivity. The eighty-seventh issue is the research impartiality. The eighty-eighth issue is the research neutrality. The eighty-ninth issue is the research non-bias. The ninetieth issue is the research non-partisanship. The ninety-first issue is the research non-partisanship. The ninety-second issue is the research non-partisanship. The ninety-third issue is the research non-partisanship. The ninety-fourth issue is the research non-partisanship. The ninety-fifth issue is the research non-partisanship. The ninety-sixth issue is the research non-partisanship. The ninety-seventh issue is the research non-partisanship. The ninety-eighth issue is the research non-partisanship. The ninety-ninth issue is the research non-partisanship. The hundredth issue is the research non-partisanship.

Discussion of Issues / Concerns / Conversations / Topics

**SITE VISITORS**

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Chris White, Assistant Construction Manager 22-Dec-08

22-Dec-08

# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase I waste placement

Photo 2



CAMU: Phase I waste placement

Photo 3



CAMU: 200,000cy stockpile, screening of 1-inch minus.

Photo 4



CAMU: BMI Landfill North, First lift push-out