

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Jan-09	193

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

### WEATHER CONDITIONS

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Overcast	PM	Light Rain	Low 50		Precip. (in/hr)	0.08 in
				High 66	5mph	Humidity (%)	

#### Additional Weather Comments

Calm to light winds. Light showers/rain overnight.

### 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.	Y	
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 Faucheux, 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, Phase IIIA subgrade.	N	

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N	
Erik Geringer	Entact	Project Manager	N	
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	
Eli Blackburn	Entact	Asst Project Manager	Y	
	Environmental Specialties, Inc	1 Liner Superintendent	Y	
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y	

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	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU, Mohawk Drive.	Y	

## 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		Eastside	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Case double pan scrapers.		Eastside, demobilized.	-	-	-	-
CAT D6 LGP Dozer (1)		Eastside				-
Water Trucks (2)		Eastside				-
JD450 Dozer		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				-
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	Cty	Spec	Tons
GCL	CETCO	0	rolls	For CAMU, On site	830			
Geocomposite	Agru	0	rolls	For CAMU, On site	939			
Geomembrane	Agru	0	rolls	For CAMU, On site	258			

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

#### Day Shift:

- Continue stockpiling/drying material in SW ponds.
- Continue pumping water from SW-7 to SW-12.
- Continue excavating in PUC-3 below the design excavation depth to 3 ft and hauling material to the Beta ditch stockpile area.
- Continue fabricating racks for air tanks to mount to the equipment for the slit trench work.
- Continued working on permanent lighting at decon pad. Eastside.

#### Night Shift:

- Continued hauling material from HP-3 and PUC-3. Night shift shut down at midnight due to wet conditions.

### CAMU Activity:

#### Day Shift:

- ESI continued placing geocomposite on N. BMI Landfill.
- Continued excavating contaminated soil from NW Basin/Phase IIIB and placing in Phase II.
- Continued screening cover soils for N. BMI Landfill from 200,000 cy stockpile.
- Continued placing 1" and 6" minus soils on N. BMI Landfill for cover material.
- Continued finish grading in Phase IIIA. (Northern Portion).
- Continued surficial scrape on Phase IIIB, IV and V and haul/place material to Phase II.
- Continued preparing subgrade in Phase I for interim cover.

#### Night Shift:

- Continued placing waste in Phase II. Night shift shut down at midnight due to wet conditions.

### 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 @ 20 cy/load = 0 cy. (0 trucks).
- night shift placed: (0) loads @ 18cy/load = 0 cy.
- Phase 1 estimated cumulative waste placed: 291,020 cy.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: (99) loads @ 18cy/load = 1,782 cy, (19 trucks).
- Phase 2 estimated day shift placed: (105) loads @ 20 cy/load = 2,100 cy Phase IV, V scrape, & (Phase IIIB trench excavation). (4 trucks).
- Phase 2 Operations Layer placed. Cumulative total: 37,188 cy.
- Phase 2 estimated cumulative waste placed: 126,792 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 estimated cumulative waste placed: 126,792 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.
- BMI North Landfill GCL placed: (0) sf daily, 984,226 sf cumulative.
- BMI North Landfill Geomembrane: (0) sf daily, 984,266 sf cumulative.
- BMI North Landfill Geocomposite: (60,000) sf daily, (735,000) sf cumulative.

Other:

## HEALTH & SAFETY

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

## Entact H&S Tailgates

Safety Topic: Eastside, Day: Discussed radio etiquette.

Safety Topic: CAMU, Day: Discussed radio etiquette..

Eastside and CAMU, Night: Discussed radio etiquette

**Safety Incidents:** None.

Dust Incidents: None.

Training: Entact conducted Level B, supplied air and SCBA training for all workers supporting the upcoming work on the silt trenches 4pm - 8pm.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

## Daily CQA Summary

Monitored waste relocation and waste placement from Eastside to CAMU Phase II on the night shift.  
Monitored profilling of waste at Phase II.  
Monitored waste relocation and waste placement from NW Basin/Phase IIIB to Phase II on the day shift.  
Monitored subgrade preparation at Phase IIIA.  
Monitored installation of geosynthetics at the North BMI Landfill.  
Monitored screening operations at the 200,000 cy stockpile of 1" & 6" minus cover soils.  
Monitored the installation of cover soil at the North BMI Landfill.  
Continue review of and updating of project documents and database to facilitate reporting.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Night shift shut down at midnight due to wet conditions.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 22-Jan-09

Date Prepared	Signature
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22-Jan-09

Signature \_\_\_\_\_



## 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: Phase I top of waste, looking south.

Photo 3



CAMU: Phase I top of waste, cutting in temporary berm.

Photo 4



CAMU: Unloading geocomposite rolls with all terrain forklift and stinger bar.