## Basic Remediation Company 875 West Warm Springs Road Henderson, Nevada 89011



#### **DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	17-Dec-08	160

PROJECT POINTS OF CONTACT						
Position	Name	E-Mail Address	Phone No.			
BRC PROJECT MANAGER	Lee Farris, On Site	lfarris@landwellco.com	702-567-0400			
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net	702-567-0400			
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.c	970-260-5886			
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution	720-641-8660			

	Cond	itions		Tem	ip (F)	Wi	ind	Add'l Readings
0.04	4 0 1 / 2 / 2	DM	Olavaka / Bartha Ovarra	Low 32				Precip. (In:Dy.)
AM	Cloudy / Partly Sunny	PM	Cloudy / Partly Sunny	High	40	NNW	7mph	Humidity (%)

0 - 5 mph, in AM. 5 - 10 mph in PM. Snow began approx. 1:30 pm into the  $\acute{n}$ ight accumulation 3".

onstruction Manager	0	
	Construction Management Services.	Y
oject Manager. CM	Construction Management Services.	N
oject Engineer	Construction Management Services.	Y
ssist. Const. Mgr	Construction Management Services.	Y
sist. Const. Mgr	Construction Management Services.	N
sist. Const. Mgr	Construction Management Services.	N
dmin Assistant	Construction Management Services.	Y
	oject Engineer ssist. Const. Mgr ssist. Const. Mgr ssist. Const. Mgr dmin Assistant	oject Engineer Construction Management Services. ssist. Const. Mgr Construction Management Services. ssist. Const. Mgr Construction Management Services. ssist. Const. Mgr Construction Management Services.

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

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	

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	Y
PBS&J, Survey	Surveyors	Surveying, QA	N

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Brian Rakvica	Inspector	NDEP	Y
PBS&J, Survey	Surveyors	Surveying, QA	N
ON-SITE CONTRACTO	OR 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	Υ
Lance Bruce	Entact	Health & Safety Officer	Y
Terry Harper	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	Υ
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	N-SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose	Delivery Verification			
material	veildoi	Touay	OOW	Fulpose	to date   Qty   Spe	ec 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

#### Eastside Mixing and Drying Activity:

- Disking dry ponds with wet soils with D8 and disk attachment.
- Continued cleaning out HDPE pipe to prepare to start pumping water again.
- Night Shift:
- Night Haul Cancelled due to snow and slippery conditions.

#### CAMU Activity:

- Day Shift:
- ESI continued installing geocomposite on BMI North Landfill, Stopped work due to Snow and temperatures below 40 degrees.
- Continued backfilling NE Equalization Basin.
   Continued screening material at 200,000 cy stockpile.
- Continued screening material at 200,000 cy stockpile during night shift.

  No Night Hauling due to Snow and slippery conditions.

- Phase 1 embankment, complete.
- Phase 1 estimated cummulative 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: 0 loads @ 18cy/load = 0 cy. (0 trucks).

   Phase 1 estimated cummulative waste placed: 232,696 cy. Western Ditch, NE Equilization, Eastside beta stockpile 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 cummulative installed quantity by Phase.

- Phase 1 GCL placed:0 sf daily, 307,372 sf cummulative.
- Phase 1 Geomembrane:0 sf daily, 307,372 sf cummulative
- Phase 1 Geocomposite: 0 sf daily, 307,372 sf cummulative.

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Phase 1 Geotextile: (0) sf daily. 69,340 sf cummulative.

-Phase 2 GCL placed: (0) sf daily, 498,468 sf cummulative. -Phase 2 Geomenbrane: (0) sf daily, 498,468 sf cummulative. -Phase 2 Geocomposite: (0) sf daily, 520,592 sf cummulative.

-BMI North Landfill GCL placed: (0) sf daily, 330,638 sf cummulative.

-BMI North Landfill Geomembrane: (0) sf dally, 330,638 sf cummulative. -BMI North Landfill Geocomposite: (29,000) sf daily, (145,000) sf cummulative.

Other: 42" RCP pipe for storm drain delivered.

#### **HEALTH & SAFETY**

#### Entact H&S Tailgates

Safety Topic: Eastside: Discussed slowing down, driving around site. Afternoon weather potentially slippery.

Safety Topic: CAMU, Day: Discussed slowing down, driving around site. Afternoon weather potentially slippery.

Eastside and CAMU, Night shift: Cold and slippery dress warm and three points of contact getting up and down in heavy equipment.

Safety Incidents: None.

Dust Incidents: None.

#### CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

escription of Quality Control Actions Taken Today / Quality Inspections Conducted

#### Daily CQA Summary.

Monitored installation of geosyntetics on BMI North Landfill.

Monitored backfill and performed compaction testing on NE Equalization basin.

Monitored delivery and offloading of RCP storm pipe.

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

Monitored operations layer placement on BMI North Landfill. Work stopped 1:30 pm due to Snow and temperatures below 40 degrees per spec.

#### ISSUES AND/OR ITEMS OF DISCUSSION

Tetra Tech began air monitoring in additional locations South of Phase II along with on the floor of phase II. Weston provided transportation into the phase II cell.

E VISITORS					
Name	Organization	Purpose of Visit		Τ	
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				+	
				+	
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				I	
				+	
	-			+	

Report Prepared By / Title

Date Prepared

Signature

Dick Laubinger, Construction Manager

17-Dec-08

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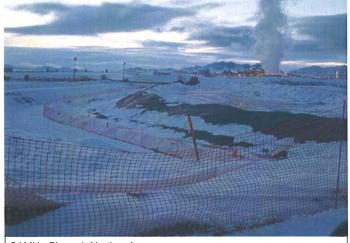
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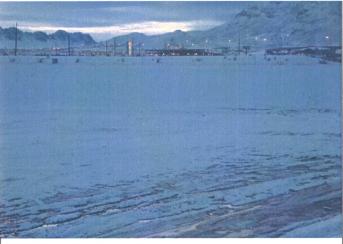
### DAILY PHOTO LOG

Photo 1



CAMU: Phase I, Northend.

Photo 2



CAMU: Phase II, looking south.

Photo 3



CAMU: BMI North Landfill. Looking at black geocomposite liner

Photo 4



CAMU: BMI North Landfill. Now looking at black geocomposite liner.

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