

### DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title - Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-Jan-09	199

#### PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

#### WEATHER CONDITIONS

Conditions		Temp (°F)		Wind	Add'l Readings	
Alt	Sunny/Clear	PR	Sunny/Clear	Low 36 High 55	1010 7mph	Pres. (in. Hg) Humidity (%)
Address/Weather Comments Winds 5-10 mph						

#### 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	Asst. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Asst. Const. Mgr	Construction Management Services.	Y
Kevin Cooke	Asst. Const. Mgr	Construction Management Services.	Y
Jane 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
Rebecca Flynn	Engineer	Oversight	N
Wayne Wolford	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camron 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 Hertlocker, 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 Eizman, ASW	Inspector	Liner Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP, inspect excavation cleanup at Phase IIIB.	Y
PBS&J, Survey	Surveyors		N

#### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Josh Carol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	Y
Michael Carlson	Entact	Engineer	Y
Joe Cunilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	48 Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	Health & Safety Officer	Y
Pick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Entact	CSP, Safety	Y
El Blackburn	Entact	CSP, Safety	N
	Entact	Asst Project Manager	Y
	Environmental Specialists, Inc.	1 Liner Superintendent	Y
	Environmental Specialists, Inc.	12 Laborers/ Seaters	Y
Jeremy Schissler	Entact	Acting Project Manager	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mohawk Drive.	Y
	Foundation Pile, Inc.	(8) Sheet Piling Crew	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	-	-	-	-
(2) Cranes		Sheet pile driving.	-	-	-	-

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## MATERIAL HANDLING (ON SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UDM	Purpose	Inventory Verification			
					Before	Qty	After	Loss
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:

- Stockpiled/drying material in SW ponds.
- Pumping water from SW-7 - SW-12.
- Excavating in PUC-3 & 4, below design excavation depth and hauling material to the Beta ditch and SW-2.
- Continued mixing and drying material with long stick excavator in 7A ponds.

#### Night Shift:

- Hauled material from HP-3 and PUA-4 to Phase II.
- Stockpiled daily cover for upcoming slit trench material placement in Phase II.

### CAMU Activity:

#### Day Shift:

- Continued screening soils from 200,000 cy stockpile.
- Hauled/placed 1" and 6" minus cover soils on N. BMI Landfill.
- Excavating contaminated soils from NW Basin/Phase IIIB and hauled/placed in Phase II.
- Continued surficial scrape on Phase IV & V and placing material in Phase II.
- ESI installing GCL and Geomembrane in Phase IIIA.
- Continued drilling for sheet pile installation.
- Continued sheet pile installation.
- Excavated slit trench material from SLT4W, placed in Phase II.

#### Night Shift:

- Placed materials in Phase II from the eastside.

### Embankment

- Phase I embankment, complete.
- Phase I estimated cumulative embankment placed: 0 cy
- Phase II embankment, complete.

Other: Foundation Pile, Inc., continued drilling and sheet pile driving in CAMU.

## Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

### Phase I

Previous Daily Cumulative =	269,538 cy
Operations layer placed (completed) =	21,862 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	0 cy
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>291,200 cy</b>

### Phase II

Previous Daily Cumulative =	148,940 cy
Operations layer placed (completed) =	37,188 cy
Daily Day shift waste placed today: Phase IV,V scape,Slit Trench excavation & Phase IIIB trench excavation. (74) loads @ 20 cy/load (5 trucks) =	1,480 cy
Daily Night shift placed today: 256 loads @ 18cy/load (18 trucks) =	4,608 cy
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>192,216 cy</b>

<b>Cummulative Total To Date All Phases =</b>	<b>483,416 cy</b>	<b>Estimated Waste at Completion (cw)</b>	<b>% Complete</b>
		2,200,000	22.0%

## Geosynthetics Placed

Phase I (complete)	Previous Daily Cum (sf)	Placed Today (sf)	Cummulative Placed to Date (sf)
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
<b>Phase II (complete)</b>			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
<b>Phase IIIA</b>			
GCL	100,000	0	100,000
Geomembrane	24,000	76000	100,000
Geocomposite	0	0	0
Geotextile	0	0	0
<b>Phase IIIB</b>			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
<b>Phase IV</b>			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
<b>Phase V</b>			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU Phases + BMI N&S (sf) =	1,939,229	4,151,232	46.7%	6,534,075	29.7%

## Description of Health &amp; Safety Action Taken Finally / Safety Improvements Conducted

Safety incidents: None.

## Distribution of Quality Control Service Times Today / Quality Improvement Consultant

Monitored waste placement in Phase II during day shift. Phase IIIB trench excavation & slit trench SLT4W.

Discussion of *tenet* : *Conviction* / *Convincingness* / *Tenacious*

Weston inspected NW Basin/Phase IIIB trench excavation. Results: complete at the north, east and west slopes including floor. Continue excavation at southeast end.

[illegible]

Signature \_\_\_\_\_

Sunny/Clear	☼
Sunny / Party Cloudy	☼☁
Cloudy / Partly Sunny	☁☼
Cloudy	☁
Overcast	☁☁☁
Light Rain	☁☔
Rain	☔
Thunderstorms	⚡
Snow	❄



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: North BMI Landfill, placing 1" soils.

Photo 2



CAMU: Slit trench SLT4W, excavation.

Photo 3



CAMU: Sheet pile driving operation.

Photo 4



.CAMU: Slit trench excavation and sheet pile driving operation.