

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 Harris	lharris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit 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@westonsoluti.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	Low 36	High 55 NNE 7mph	Precip. (inches)	Humidity (%)
PM	Sunny/Clear				

Additional 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
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	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 Herlocker, 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 Elzman, 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 Carrol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	Y
Michael Carlson	Entact	Engineer	Y
Joe Cunila	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
	Entact	48 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
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 D6R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (6)		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)	
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Material	Vendor	Today	UCM	Purpose	Delivery Verification			
					In date	Qty	Spec	Label
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 1 embankment, complete.
- Phase 1 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) =	21,662	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
To Date Phase I estimated cumulative waste placed =	291,200	cy

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 ctyload (5 trucks) =	1,480	cy
Daily Night shift placed today: 256 loads @ 18cy/load (18 trucks) =	<u>4,608</u>	cy
To Date Phase II estimated cumulative waste placed =	192,216	cy

Estimated Waste at Completion (cv)	% Complete
2,200,000	22.0%

Cummulative Total To Date All Phases = 483,416 cy

Geosynthetics Placed

Phase I (complete)	Previous Daily Cum (\$f)	Placed Today (\$f)	Cumulative Placed to Date (\$f)
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
Phase II (complete)			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA			
GCL	100,000	0	100,000
Geomembrane	24,000	76000	100,000
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IIIB			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IV			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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.