

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Solis Remediation	12-Feb-09	214

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	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@westonsolult.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (F)	Wind	Add'l Readings	
AM	Sunny / Partly Cloudy	34	WNW 10mph	Presig. (in)	
		High 53		Humidity (%)	
Additional Weather Comments: Sunny, light wind to 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	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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	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
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 Ralvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curila	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
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	CSP, Safety	Y
	Environmental Specialties, Inc	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	Y
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N
	Foundation Pile, Inc.	(8) Sheet Piling Crew working (4) tens.	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		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	-	-	-	-
Tenmet Street Sweeper		Eastside and CAMU	-	-	-	-
Bonagay Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Chaffee 1400 Powerscreener		Eastside, screening 1" & 6" minus	-	-	-	-
(2) Cranes		Sheet pile driving.	-	-	-	-

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MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOQ	Purpose	Delivery Vehicle Size			
					40 cu yd	60 cu yd	80 cu yd	100 cu yd
GCL	CETCO	0	rolls	For CAMU, On site		909		
Geocomposite	Agru	81	rolls	For CAMU, On site		1875		
Geomembrane	Agru	0	rolls	For CAMU, On site		338		

WORK COMPLETED

(Underfoot of Work Completed Today)

Eastside Mixing and Drilling Activity:

Day Shift:

- Excavating Pond PUC-4, loading and hauling to beta ditch stockpile and SW-2 pond.
- Excavating Pond PUA-7, stockpiling for load out.
- Continue pumping water from SW-7 to SW-12.
- Moisture conditioning beta ditch.
- Power screening 1" & 6" soils at PUD-3 pond.
- Installing mechanical fire wash system.
- Fabricating side boards and tarps for haul trucks.

Night Shift:

- Hauled 1" minus soils to Phase II for operations layer on side slopes.
- Excavated and hauled material from the Beta ditch.

CAMU Activity:

Day Shift:

- Hauled and placed cover soils on N. BMI Landfill.
- Silt trench NW-1 continued excavation. East.
- Silt trench NW-2 excavated for a short period of time in order to allow flammable soils to burn out. Ongoing.
- Removing concrete wall in Phase IIIB.
- NW Basin/Phase IIIB continued backfilling and compacting trench.
- Benching excavation South of Sheet piling began as per plan.
- Phase IIIA, backfill anchor trench.
- Phase IIIA installing LCRS piping system.

Night Shift:

- Continued placing material in Phase II.

Embankment

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

Other:

Inspections:

Silt Trench NW-1, excavation, observations: white/gray material, small rubble continues. Overburden stockpiled when meets requirements.

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

Phase I

Previous Daily Cumulative =	291,200 cy
Operations layer placed (completed) for liner certification. = 21,662	0 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 =	259,306 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Phase IV&V scape, (26) loads @ 20 cy/load (2 trucks) =	520 cy
Daily Day shift waste placed today: Silt Trenches, (53) loads @ 18cy/load (3) trucks =	954 cy
Daily Night shift placed today: (200) loads @ 18cy/load (18) trucks =	3,600 cy
To Date Phase II estimated cumulative waste placed =	264,380 cy

Cummulative Total To Date All Phases = 555,580 cy

Estimated Waste at Completion (cy)	% Complete
2,200,000	25.3%

Geosynthetics Placed

	Previous Daily Cum (sf)	Placed Today (sf)	Cummulative Placed To Date (sf)
Phase I (complete)			
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	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	150,000	71,000	221,000
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

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Geotextile	0	0	0
BMI North			
GCL	1,033,388	0	1,033,388
Geomembrane	1,033,388	0	1,033,388
Geocomposite	1,033,388	0	1,033,388
BMI South			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

HEALTH & SAFETY	
<i>Discussion of Health & Safety Activity Taken Table - Safety Enhancement Checklist</i> Safety Topic: Day: Discussed the role of the over-site personnel. CAMU Day: Discussed proper speeds on haul roads to maintain dust control. CAMU & Eastside Night Shift: Discussed mentoring new employees. Teamwork.	Eastside

Daily COA Summary
Monitor waste placement into the Phase II Landfill during the day shift.
Monitor waste placement into the Phase II Landfill at Eastside materials on the night shift.
Monitor the 6" Phase V scrape during the day shift.
Monitor the preparation of the subgrade at the North BMI Landfill.
Monitor backfill operations in NW Basin/Phase IIIB trench.
Monitor the installation of geosynthetics in Phase IIIA.
Monitor the installation of the LGRS pipe system.
Monitor anchor trench backfill in Phase IIIA.
Continuous review of and updating of project documents and database to facilitate reporting.

An overloaded truck was turned around and dumped for reloading. Meeting on site resulted, during night shift. Lee Farris, BRC, Devon Gordon, MGA, Jeromy Schisler, Entact.

[illegible]

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: Phase IIIB.

Photo 2



CAMU: NW-1, West.

Photo 3



CAMU: NW-2.

Photo 4



CAMU: NW-1. Inspection, MGA, Weston.