



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	31-Mar-09	261

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	Adat Readings
AM Sunny / Partly Cloudy PM Sunny / Partly Cloudy	Low 49 High 71	SW 6mph	Precip. (inches) Humidity (%)

Additional Weather Comments
Calm to 6 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
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
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Caron Liddell	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 Fauchoux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Elzman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Hakvica	Inspector	NDEP	N
HBISLI, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erk Geringer	Entact	Project Manager	N
Jeremy Schlaser	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	40 Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	Health & Safety Officer	Y
Rock McInnis	Entact	CAMU, Superintendent	Y
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	CSP, Safety	N
	Environmental Specialists, Inc	Asst Project Manager	Y
	Environmental Specialists, Inc	1 Liner Superintendent	N
	Environmental Specialists, Inc	12 Laborers/ Seamers	N
Carol McInnis	Entact	Health & Safety Officer	N
Roger Wagner	Entact	Eastside, Superintendent, Night Shift	Y
	ABC Survey	Eastside/CAMU	N
	Foundation Pile, Inc.	Demobilized.	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D40GE Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (8)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT 08H 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 (3)		CAMU	-	-	-	-
CAT D-5 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradaill		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	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification
GCL	CETCO	13	rolls	For CAMU, On site	to date: 1418

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Geocomposite	Agro	0	rolls	For CAMU, On site	2373
Geomembrane	Agro	0	rolls	For CAMU, On site	514

WORK COMPLETED

Phase I (Mar 23 - Mar 27) - Previous Day

Eastside Mixing and Drying Activity:

Day Shift:

- Excavating/scraping berm at PUA-5 & 6. Hauling to HP-2.
- Excavating/scraping floor of PUA-8. Hauling to beta ditch.
- Excavating/loading out wet material from SW-7 hauling to SW-5.
- SW-2, stockpiling/mixing soils.
- Farming wet material that has been spread out on dry pond with D8 and disc.
- Moisture condition North end of Beta ditch using water truck.

Night Shift:

- Hauled and placed material from the Beta ditch to Phase II.
- Hauled and placed material from the PUA-8/PUB-8 stockpiles to Phase IIIA.

CAMU Activity:

Day Shift:

- Continued excavating SW-2, silt trench of pyrophoric materials, loaded out debris and hauled to Phase II.
- Continued backfilling Phase IIIB trench excavation east of concrete wall and NW-1 additional excavation area south tie-in.
- Phase IIIB, grading floor working on slopes.
- Phase I LCFS measured. Phase I Vadose measured. Phase II LCFS measured and pumped.
- Off load liner from delivery trucks and properly store.
- Welding sides on haul trucks.

Night Shift:

- Placed waste in Phase II & Phase IIIA.

Embankment

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

Sump/Vadose Monitoring: Phase I: LCFS Sump: Measurement taken: 8AM (1.70), 6PM (N/A). Water Pumped: N/A.
Vadose: Measurement taken: 8AM (0.68), 6PM (N/A). Water Pumped: N/A.
Phase II: LCFS Sump: Measurement taken: 8AM (2.90), 6PM (N/A). Water Pumped: 1,500 gallons.
Vadose: N/A.

Inspections: CAMU: Weston monitored. Sump access, measuring.

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	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 =	487,584	cy
Operations layer placed (completed) for liner certification. =	37,188	cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Day shift waste placed today: Silt Trenches, (64) loads @ 18cy/load (4) trucks =	1,152	cy
Daily Night shift placed today: (31) loads @ 18cy/load (2) trucks =	558	cy
To Date Phase II estimated cumulative waste placed =	489,294	cy

Phase IIIA

Previous Daily Cumulative =	24,048	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0	cy
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Night shift waste placed today: (249) loads @ 18cy/load (16) trucks =	4,482	cy
To Date Phase IIIA estimated cumulative waste placed =	28,530	cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion (cy)	% Complete
809,024 cy	2,050,000	39.5%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative
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)	Previous	Placed	Cumulative
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA	Previous	Placed	Cumulative
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IV	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V	Previous	Placed	Cumulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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BMI North			
GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468
BMI South			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

HEALTH & SAFETY	
Preparation of Plans & 30-Minute Action Time Table - North, Northside & Eastside Safety Topic: Eastside Day Discussed: Rebar hazards possible puncture wounds, impalement, etc. CAMU Day Discussed: Rebar hazards possible puncture wounds, impalement, etc. CAMU & Eastside Night Shift: Discussed: The importance of effective and accurate communication for safety.	

Daily COA Summary:
Monitored waste placement into the Phase II Landfill of exsiccated material on the night shift. Monitored waste placement into the Phase II Landfill of salt trench material on the day shift. Inventory incoming geosynthetics, 13 rolls of GCL.
Monitor backfilling of NW-1 & NW-2 Phase IIR additional excavation areas, fill-in.
Continuous review of and updating of project documents and database to facilitate reporting.

Devin Gordon, MGA raised a question in regards to compaction under daily cover stockpiles after placement.

[illegible]

Weather Table	
Sunny/Clear	☀
Sunny / Partly 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: NW-1, Remaining waste east.

Photo 2



CAMU: NW-1, NW-2, Additional excavation and Phase 3B backfill.

Photo 3



CAMU: NW-1, Backfill, additional excavation area.

Photo 4



CAMU: Phase 3B, grading.