



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	20-Apr-09	281

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	sahuraj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutio.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (F)	Wind	Add'l Readings
AM	Sunny/Clear	Low 65		Precip. (inches)
PM	Sunny/Clear	High 91	N 5 mph	Humidity (%)

Additional Weather Comments

Calm - 5 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 Drosier	QA/QC Tech	Oversight	Y
Camon 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 Fauchaux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Eizman, ASW	Inspector	Liner Inspector	N
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	N
PBS&J, Survey	Surveyors	Survey, Phase IIIB	Y

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	N
Josh Carrol	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	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	N
	Environmental Specialties, Inc	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU	Y
	Foundation Pile, Inc. (6)	Mobilized on site, removing sheets at SW-2.	Y
Russell Karnes	Entact	Superintendent	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (10)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc, (1)		Eastside	-	-	-	-
CAT 345 excavators, (8)		Eastside and CAMU, Southern rib	-	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-	-
Kobelco Excavator, (1)		CAMU	-	-	-	-
CAT D6 LGP Dozer (1)		Eastside	-	-	-	-
Water Trucks (3)		Eastside	-	-	-	-
Case backhoe		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
Water Trucks (4)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU	-	-	-	-
(1) Crane		Removing sheetpiles (1) Crane.	-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification
GCL	CETCO	0	rolls	For CAMU, On site	1612

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

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- First excavator, continued excavating North Beta ditch and hauling to Beta ditch staging area.
- Second excavator, continued excavating haul road area south of PUC-3 next to northern berm of PUB-3.
- Long stick excavator, casting wet material from SC-1 to south slope of SW-4.
- Tracking/discing through wet material that has been spread on the ponds.
- SW-12 pond pH: 6.
- Southern rib scraping, stockpiling and presoaking soils.

Night Shift:

- Hauled material from HP-2 and Beta ditch staging area.

CAMU Activity:

Day Shift:

- Continued grading and excavating in Phase IIIB.
- NW-1, continued loading out white/gray material hauling to Phase II landfill.
- SW-1, continued loading out yellow/green material along with a vein of black after sheet pile removal activities stopped for the day.
- SW-1, began backfilling inspected and approved area at the west end.
- Foundation Pile driving Co. continued removing sheet piling at SW-2/BMI South.
- Measurements were taken at Phase I and Phase II LCRS and Vadose.
- GES collected samples from the LCRS and Vadose at Phase I. Phase II collected samples at LCRS only.
- Jensen poured concrete at MH # 4 of stormwater drainage system and formed MH's # 5, 6 & 7.

Night Shift:

- Continued placing material in Phase II and IIA.

Embankment

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

Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (2.60). Water Pumped: 399 gallons.
 Vadose: Measurement taken: (0.67). Water Pumped: 1 gallon.
 Phase II: LCRS Sump: Measurement taken: (2.60). Water Pumped: 698 gallons.
 Vadose: N/A.

Inspections: CAMU: Weston monitored sump access.
 SW-1, Slit trench inspected, area approved for backfill was marked with paint. Additional cleanup needed to the east.
 Inspected by MGA and Weston.

Eastside: Perimeter fence inspected no findings, secure.

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 =	525,180 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Slit Trenches, (111) loads @ 18cy/load (4) trucks =	1,998 cy
Daily Night shift placed today: (36) loads @ 18cy/load (10) trucks =	648 cy
To Date Phase II estimated cumulative waste placed =	527,826 cy

Phase IIIA

Previous Daily Cumulative =	82,386 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Operations layer placed (completed for liner certification) = 21,276	0 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (247) loads @ 18cy/load (17) trucks =	4,446 cy
To Date Phase IIIA estimated cumulative waste placed =	86,832 cy

Cummulative Total To Date All Phases =	905,858 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	44.2%
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Geosynthetics Placed

Phase	Previous	Placed	Cummulative
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	221,000	0	221,000
Geotextile	20,000	0	20,000
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: Sheet Piling leaving site.

Photo 2



CAMU: SW-1, Slit trench, Level B inspection, MGA & Weston.

Photo 3



CAMU: Manhole # 4, Storm drainage system.

Photo 4



Eastside: SC-1, removing wet material.