

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	23-Mar-09	253

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	farris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Randy Sahu	rsahu@earthlink.net	702-567-0400
CONSTR. PROJECT MANAGER	Dan Brennecko	Dan.Brennecko@westonsolutions.com	970-290-5896
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Advis. Readings
AM Sunny / Partly Cloudy PM Sunny / Partly Cloudy	Low 40 High 61	NE 8mph	Precip. (inches) Humidity (%)

Observed Weather Summary:
Calm to 8 mph.

ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	Y
Dan Brennecko	Project Manager, CM	Construction Management Services.	N
Richard Davis	Project Engineer	Construction Management Services.	N
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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Carmon 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	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 Monroe, ASW	Inspector	Linear Inspector	N
Wrin Rakovic	Inspector	NDEP	N
RBS&J, Survey	Surveyors	Survey, NW basin trench remediation.	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Gerstinger	Entact	Project Manager	N
Jeremy Schlader	Entact	Acting Project Manager	Y
Josh Carol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	N
Joe Cunliffe	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
El Blackburn	Entact	CSP, Safety	N
		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	N
	Foundation Pile, Inc.	Demobilized.	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, (9)		Eastside and CAMU	-	-	-	-
CAT 330 Excavator		CAMU	-	-	-	-
Casa 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-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Grapple		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
IR Smooth drum roller		CAMU, Phase 1	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum roller		CAMU, Phase 1	-	-	-	-
Chickam 1400 Powerscreener		CAMU, screening 1" & 8" 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	0	rolls	For CAMU, On site	In stock Qty: 1298

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Geocomposite	Agro	54	rolls	For CAMU, On site	2373
Geomembrane	Agro	0	rolls	For CAMU, On site	448

WORK COMPLETED	
Eastside Mixing and Drying Activity: Day Shift: - Continued final scrape on haul rd, south of PUA-6, hauled to SW-2. - Continued hauling and spreading wet material from SW-7 to HP-3. - Continued mixing and stockpiling material in SW-2. - Pushing out wet material onto the dry ponds and HP-3. - Farming wet material that has been spread out to dry with the DB dozer and disc. Night Shift: - Hauling and placing material from the Beta ditch and HP-3, SW-2 stockpiles into Phase II. CAMU Activity: Day Shift: - Continued excavating east end of Silt trench, NW-1, loading and hauling white/gray and gravel material to Phase II. - Continued excavating to the east in Silt trench, SW-2, loading and hauling trash and gravel to Phase II. - Excavated for a short period in NW-3, east. More white ash material with gravel. - Continued screening 1" and 6" soils stockpiling in berm along entrance haul rd. - Continued hauling and placing 6" minus soils to BML North. - Phase IIIB trench continued excavating east from concrete wall. Haul and placed in Phase II. - Phase I Vadose measured. Phase II Vadose checked and found to be dry. Night Shift: - Place waste in Phase II. Embankment - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: 0 cy - Phase II embankment, complete. Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken. N/A. Vadose: Measurement taken. (1,2) (questionable). Phase II: LCRS Sump: Measurement taken. N/A. Vadose: Reported dry by Entact. Inspections: CAMU: NW-1, continued east, encountering white/gray with gravel material. SW-2, continued east, encountering trash, steel and gravel material. Phase IIIB, trench excavation, east from concrete wall. White/gray soils and concrete, mixed. Eastside: Weston filled out form with Entact to scrape PUA-7 berm, based on visual contamination.	

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 =	447,836	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (76) loads @ 18 cy/load (2) trucks =	1,368	cy
Daily Day shift waste placed today: Silt Trenches, (116) loads @ 18cy/load (4) trucks =	2,088	cy
Daily Night shift placed today: (307) loads @ 18cy/load (19) trucks =	5,526	cy
To Date Phase II estimated cumulative waste placed =	456,818	cy
Phase IIIA		
Previous Daily Cumulative =	21,492	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: (0) loads @ 18cy/load (0) trucks =	0	cy
To Date Phase IIIA estimated cumulative waste placed =	21,492	cy

Cumulative Total To Date All Phases =	769,510	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	37.5%
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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)			
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

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BM 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

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
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Geosynthetic System Cumulative Total To Date All CAMU	2,138,308	4,151,232	51.5%	6,534,075	32.7%
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Safety Topics:
Eastside Day: Discussed wearing seat belts and not using cell phones.
CAMU Day: Discussed wearing seat belts and not using cell phones.
CAMU & Eastside Night Shift: Eating, drinking in haul trucks and equipment in the EZ is prohibited.

Daily CQA Summary:
 Monitored waste placement into the Phase II Landfill of silt trench materials on the day shift.
 Monitored waste placement into the Phase II Landfill of eastside materials on the night shift.
 Monitored installation of 42" stormwater piping system.
 Monitored installation of cover soil on BSM North Landfill.
 Monitored earthwork construction at Phase IIB.
 Monitored NW basin/Phase IIB trench excavation east of concrete wall.
 Continuous review of and updating of project documents and database to facilitate reporting.

Entact measured, Phase I and Phase II Vadose. Only. Entact was asked to avoid hauling the powdery white material and paper in Silt trenches and Phase IIIB in the PM, due to wind.

[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 trench excavation east.

Photo 2



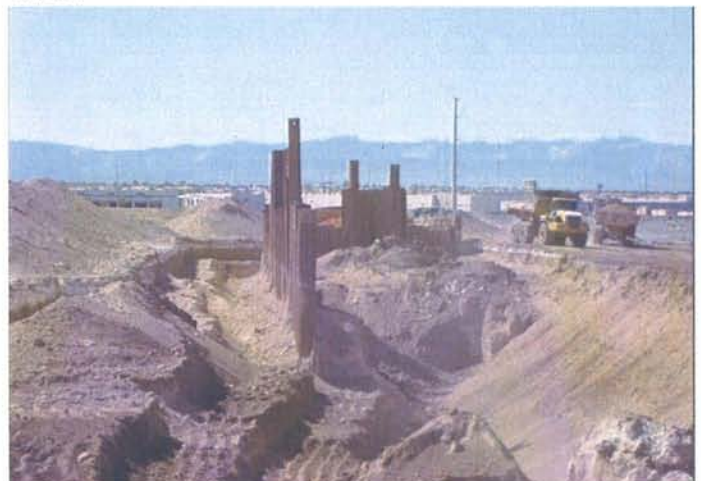
CAMU: Phase IIIB.

Photo 3



CAMU: Phase II

Photo 4



CAMU: SW-2. Slit Trench.