



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	24-Mar-09	254

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	Harajit Saha	hsaha@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	720-641-8960

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Add'l Readings
AM Sunny/Clear	Low 40 High 62	W 4mph	Precip. (inches) Humidity (%)

Adjusted Weather Conditions:

Calm to 4 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.	N
Chris White	Assist. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Assist. Const. Mgr	Construction Management Services.	Y
Kevlin 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 Concanan	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 Derossier	QA/QC Tech	Oversight	Y
Camron 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 Davis, 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 Eizman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakivica	Inspector	NDEP	N
PRSS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erk 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 Curtiss	Entact	Health & Safety Officer	N
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 Speciaities, Inc	1 Linear Superintendent	N
	Environmental Speciaities, 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 945 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 (3)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Grassall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
IR Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Tenmet Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU, screening 1 1/2" minus	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Vehicle	To Site	Qty	From	Qty
GCL	CEICO	0	rolls	For CAMU, On site			1268		

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Geocomposite	Agro	0	rolls	For CAMU, On site	2373
Geomembrane	Agro	22	rolls	For CAMU, On site	470

WORK COMPLETED	
Description of Work Completed Today	
Eastside Mixing and Drying Activity: Day Shift: - Continued final scrape in PUA-7, finished south haul rd scrape to PUA-7, hauled material to SW-2. - Continued hauling and spreading wet material from SW-7 to HP-3. - Continued mixing and stockpiling material in SW-2. - Farming wet material that has been spread out to dry with the D8 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. - Continued screening 1" and 6" soils stockpiling in berm along entrance haul rd. - Continued hauling and placing 6" minus soils to BMI North. - Worked on RCP pipe installation east end. - Phase IIIB trench continued excavating east from concrete wall. Haul and placed in Phase II. - Phase I Vadose measured, Phase II LCRS measured and pumped. Vadose checked and found to be dry. - GES on site sampled, Phase I LCRS, Phase I Vadose and Phase II LCRS. Night Shift: - Place waste in Phase II. Embankment - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: 0 cy - Phase II embankment, complete. Sum/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken (2.80). Vadose: Measurement taken (1.50). Phase II: LCRS Sump: Measurement taken (2.00). Water pumped: approx. 6,000 gallons. 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 monitored PUA-7 scrape and PUA-6, south haul rd scrape.	

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 =		456,818	cy
Operations layer placed (completed) for liner certification. =	37,188	0	cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (81) loads @ 18 cy/load (2) trucks =		1,458	cy
Daily Day shift waste placed today: Silt Trenches, (114) loads @ 18cy/load (4) trucks =		2,052	cy
Daily Night shift placed today: (311) loads @ 18cy/load (20) trucks =		5,598	cy
To Date Phase II estimated cumulative waste placed =		465,925	cy
Phase IIIA			
Previous Daily Cumulative =		21,492	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =			
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =			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 =			cy
To Date Phase IIIA estimated cumulative waste placed =		21,492	cy

Cumulative Total To Date All Phases =	778,618	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	38.0%
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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
BM 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>(Companion of Health & Safety Periodic Target Setting - Safety inspection Checklist)</i> Safety Topic: Eastside Day: Discussed biological hazards on site. CAMU Day: Discussed biological hazards on site. CAMU & Eastside Night Shift: Good work compliment from safety to the crew.	

Daily COA 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 DM North Landfill.
 Inventory incoming geosynthetics, 22 rolls of geomembrane.
 Monitored NW basin/Phase III trench excavation east of concrete wall.
 Continue review of and updating of project documents and database to facilitate reporting.

White Valley construction, completed eastside fence repairs. GES on site Sampled Phase I LCRS, Phase I Vadose, Phase II LCRS. Gordon, MGA, Scott McKee, Eagle drilling, witnessed GES sampling and also introduced a camera that filmed the inside of Phase I LCRS and Vadose riser pipes.	Devon
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[illegible]

Sunny/Clear	
Sunny / Party Cloudly	
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



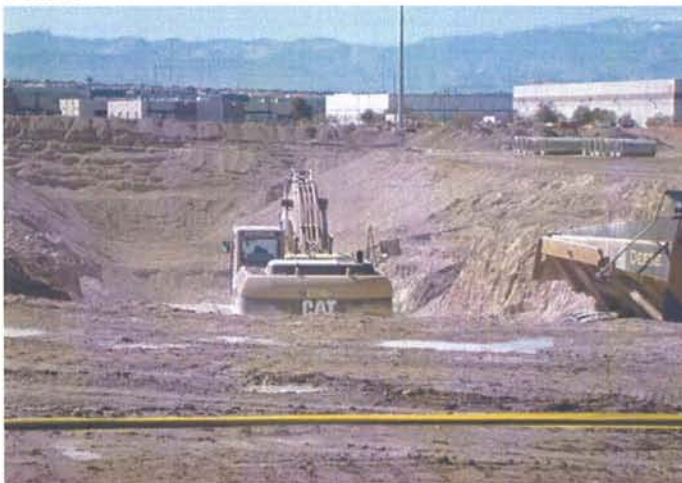
CAMU: Slit Trench, SW-2.

Photo 2



CAMU: Phase II.

Photo 3



CAMU: Slit trench, NW-1.

Photo 4



CAMU: Phase I Vadose pump.