



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No. / Contract No.	Project Title / Location	City of Report	Report No.
6399	BRC Eastside Common Areas Soils Remediation	06-Apr-09	267

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	970-200-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (F)	Wind	Add'l Readings
AM	Sunny/Clear	PM	Sunny/Clear	Low High 44 79 NE 6 mph
Precip. (in) 0.0 Humidity (%) 100				
Atmospheric Pressure (in) 30.0				
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
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
Canon 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 Ezman, ASW	Inspector	Linear Inspector	Y
David Gordon, McKinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Luffow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakvica	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 Carol	Entact	Asst Project Manager	N
Michael Carlson	Entact	Engineer	Y
Joe Cuniff	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	N
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
	Environmental Specialties, Inc.	Asst Project Manager	Y
	Environmental Specialties, Inc.	1 Liner Superintendent	N
	Environmental Specialties, Inc.	12 Laborer/Scanners	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	Y/N
CAT D400E Dump Truck (10)		CAMU	Y
JD D400 Dump Trucks (9)		Eastside	Y
CAT 324D long stick excavator		Eastside	Y
CAT D8R Dozer with disc		Eastside	Y
CAT 345 excavators, (5)		Eastside and CAMU	Y
CAT 330 Excavator		CAMU	Y
Casa double pan scrapers.		Eastside, demobilized.	Y
CAT D6 LBP Dozer (1)		Eastside	Y
Water Trucks (2)		Eastside	Y
JD450 Dozer		CAMU	Y
CAT 16H Grader		CAMU	Y
CAT D-10 Dozer		CAMU	Y
Water Trucks (3)		CAMU	Y
CAT D-6 Dozer, (3)		CAMU	Y
CAT 14H Grader		CAMU	Y
Gratall		CAMU	Y
JLG		CAMU	Y
IRI Smooth drum Roller		CAMU, Phase 1	Y
Tennet Street Sweeper		Eastside and CAMU	Y
Bomag Smooth drum Roller		CAMU, Phase 1	Y
Chieftain 1400 Powerscreener		CAMU	Y
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	Y

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Inventory	Stock	Units
GCL	CETCO	26	rolls	For CAMU, On site	1600		

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Geocomposita	Agro	0	rolls For CAMU On site	2373
Geomembrane	Agro	0	rolls For CAMU On site	514
WORK COMPLETED				
<i>(Description of Work Executed Today)</i>				
Eastside Mixing and Drying Activity:				
Day Shift:				
- Continued final scrape in PUA-8, and hauled material to HP-2, SW-10 and Beta ditch.				
- Continued final scrape of haul road North of PUA-4, and hauled material to Beta ditch.				
- Continued hauling and spreading wet material from SW-7 to CTR-3 and PUA-10.				
- Farming/pushing up wet material that has been spread out on dry with the D8 dozer and disc.				
Night Shift:				
- Hauled material from Beta ditch, SW-4 and SW-2 to Phase IIIA.				
CAMU Activity:				
Day Shift:				
- SW-1, Silt trench, (2) excavators began removing overburden and waste, hauled to Phase II.				
- Backfilling and compacting trenches at the west end NW-1, NW-2, NW-3. Also leveling between trenches.				
- Phase 3B, grading floor, (2) excavators, removing soils from north slope area. Loading/hauling into above silt trenches for backfill material.				
- GES on site and sampled Phase I LCRS, Phase I Vadose. Phase II LCRS.				
- Phase I LCRS measured. Phase I Vadose measured. Phase II LCRS measured and pumped.				
- Cutting/sizing tires.				
Night Shift:				
- Placed material in Phase IIIA.				
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: 8AM. (2.10). Water Pumped: N/A.				
Vadose: Measurement taken: 8AM. (0.67). Water Pumped: 1 gallon.				
Phase II: LCRS Sump: Measurement taken: 8AM. (3.0). Water Pumped: 1,100 gallons.				
Vadose: N/A.				
Inspections: CAMU: Weston monitored sump access.				
Weston performed followup inspection in SW-2, Silt trench. (2) areas north slope cleaned up.				
(1) area next to sheet piling, approx. 8 feet long by 2 feet in depth of asphaltic material removed.				
Eastside: Perimeter fence inspection, (2) Mohawk drive repairs completed.				
(1) new opening found in PM at Southend. Temporary repair made. Will be repaired. 4-7-09.				

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 =	493,002	cy
Operations layer placed (completed) for liner certification. = 37,188	0	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, (105) loads @ 18cy/load (4) trucks =	1,890	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0	cy
To Date Phase II estimated cumulative waste placed =	494,892	cy

Phase IIIA

Previous Daily Cumulative =	45,756	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: (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Night shift waste placed today: (265) loads @ 18cy/load (18) trucks =	4,770	cy
To Date Phase IIIA estimated cumulative waste placed =	50,526	cy

	Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	836,618 cy	40.8%
	2,050,000	

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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Debris Storage Area (complete)

CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

HEALTH & SAFETY

Construction of Plant in & Safety Review, Factors Trigger Safety Investigation Conducted

Safety Topic

CAMU & Eastside Night Shift: Drivers if your feeling tired get out of your trucks in a safe area and walk around

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Criteria Actions Taken Today / Quality Improving Criteria and

Daily COA Summary

Monitored waste placement into the Phase IIIA Landfill of eastside material on the night shift.
Monitored waste placement into the Phase III landfill of slit trench material on the day shift.
Monitored backfill operations in Phases IIIB & IV.
Inventory incoming geosynthetics, 26 rolls of GCL.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Phrynosoma macleayi (Sauria) • *Crotalus* (Sauria) / *Coniophanes* (Sauria) • *Tropidurus*

Phase I LCRS, Vadose and Phase II LCRS Measured.

SITE VISITORS

Report Prepared By / Title	Date Prepared	Signature
Richard Laubinger, Construction Manager	6-Apr-09	

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: Slit Trench, SW-1.

Photo 2



CAMU: Slit trenches backfill.

Photo 3



CAMU: Phase 3B.

Photo 4



CAMU: Phase 3B, North slope excavation.