

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	06-Mar-09	236

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwaco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	rsahu@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	720-641-8550

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Add'l Readings
AM Sunny/Clear	Low 44 High 63	SW 10mph	Precip. (inches) Humidity (%)
A General Weather Summary Light wind to 10 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 Wala	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	N
Roland Denegar	QA/QC Tech	Oversight	Y
Caron Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y

ON-SITE SUPPORT PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Doug Hertelock, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jerry Fauscheux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Eisman, ASW	Inspector	Linear Inspector	N
Devin Gordon, McKinley	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, 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 Schisler	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	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	CSP, Safety	N
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Linear Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	N
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N
	Foundation Pile, Inc.	Demobilized.	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed			
CAT D400E Dump Truck (10)		CAMU	-	-	-
JD 1400 Dump Trucks (9)		Eastside	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-
CAT D6H Dozer with disc		Eastside	-	-	-
CAT 345 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 (2)		CAMU	-	-	-
CAT D-6 Dozer, (2)		CAMU	-	-	-
CAT 14H Grader		CAMU	-	-	-
Grapple		CAMU	-	-	-
JLG		CAMU	-	-	-
18 Smooth drum Roller		CAMU, Phase 1	-	-	-
Tennant Street Sweeper		Eastside and CAMU	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-
Chionhan 1400 Powerscreener		Eastside, 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	0	rolls	For CAMU, On site	1288

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Geocomposite	Agri	0	rolls	For CAMU, On site	2292
Geomembrane	Agri	0	rolls	For CAMU, On site	448
WORK COMPLETED					
Disposal of Earth Excavated Material					
Eastside Mixing and Drying Activity:					
Day Shift:					
Beta ditch continued screening 1" & 6" minus material.					
SW-7, excavator loading out wet material (2) haul trucks hauling to PUE-S pond for drying.					
PUB-3 loaded out haul Rd at east end.					
SW-2, continued mixing.					
HP-2, stockpiling and mixing.					
Continued haul truck modifications.					
Night Shift:					
Continued hauling material from the Beta ditch.					
Continued hauling material from Parcel 7A ponds.					
CAMU Activity:					
Day Shift:					
Continued excavating slit trench NW-1, loading out gravel, white and gray material.					
Slit trench NW-3, concrete breaker continued to sizing yellow/green material and loaded out for placement in Phase II.					
Continued backfilling and installing 42" RCP storm drain pipe system.					
NW Basin continued excavating contaminated soil from the trench west toward Findley property.					
Night Shift:					
Continued placing material in Phase II.					
Embankment					
Phase I embankment, complete.					
Phase I estimated cumulative embankment placed: 0 cy					
Phase II embankment, complete.					
Other: Eastside: Converse on site with a drill rig at the spray wheel, most of the day. Entact gave access where needed with heavy equipment.					
Inspections: Slit trenches NW-1, white/gray material with gravel.					
NW-3, gravel, cementous green/yellow material.					

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 escape & 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 =	356,522	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: NW Basin to Findley property (78) loads @ 18 cy/load (2) trucks =	1,404	cy
Daily Day shift waste placed today: Slit Trenches, (70) loads @ 18cy/load (2) trucks =	1,260	cy
Daily Night shift placed today: (251) loads @ 18cy/load (20) trucks =	4,518	cy
To Date Phase II estimated cumulative waste placed =	363,704	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: (10) loads @ 18 cy/load (1) trucks =	180	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 =	21,672	cy

Cummulative Total To Date All Phases =	676,576	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	33.0%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cummulative
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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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
661

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
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CAMU Cover

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope + Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU	2,138,308	4,151,232	51.5%	6,534,075	32.7%

HEALTH & SAFETY

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Safety Topic

Eastside Day: Discussed site traffic safety, haul trucks have the right of way.
CAMU Day: Discussed the overhead power lines being close during NW Basin remediation at west fence line.
CAMU & Eastside Night Shift: Discussed last night of the work week, stay focused.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Department of Quality Control & Improvement, Faculty of Engineering, University of Cambridge

Daily CQA Summary

Monitor waste placement into Phase II Landfill during the day shift.
Monitor waste placement into Phase II Landfill during the night shift.
Monitor the installation of RCP stormwater piping system.
Continue ongoing eastside waste sampling and lab testing.
Continue review of and updating of project documents and database to facilitate reporting

ISSUES AND/OR ITEMS OF DISCUSSION

Pharmacokinetics of levamisole in dogs and cats

SITE VISITORS

[illegible]

Report Prepared By	Title

Richard Laubinger, Construction Manager

Date Prepared _____

6-Mar-09

Signature _____

Weather Table

Sunny/Clear

69

Sunny / Party Cloudly

9

Cloudy / Partly Sunny

Cloudy

Ω

Overcast

m

Light Rain

 γ_0

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 Basin trench excavation.

Photo 2



CAMU: NW Basin trench excavation.

Photo 3



CAMU: Phase II, slit trench, waste placement.

Photo 4



CAMU: Phase II, slit trench, waste placement.