

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title - Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	21-Mar-09	251

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	Ranajit Sahu	sahurn@earthlink.net	702-567-0409
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5888
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (F)	Wind	Adat Readings
Ats Sunny / Partly Cloudy	High 46 Low 72	16mph	Pres. 30.0 Humidity 40%
Observed Weather Comments: light wind to 16 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	Asst. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Asst. Const. Mgr	Construction Management Services.	N
Kevin Cooke	Asst. Const. Mgr	Construction Management Services.	N
Jane Laubinger	Admin Assistant	Construction Management Services.	N

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 Drexler	QA/QC Tech	Oversight	Y
Carmen 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 Eitzman, ASW	Inspector	Liner Inspector	N
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey, NW basin trench remediation.	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geniger	Entact	Project Manager	Y
Jeremy Schlatter	Entact	Acting Project Manager	N
Josh Carol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	N
Joe Cutilla	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
Vern Harper	Entact	Health & Safety Officer	N
Rick McIntire	Entact	CAMU, Superintendent	N
Dale Walsh	Converse	CSP, Safety	N
Eli Blackburn	Entact	Asst Project Manager	Y
Environmental Specialties, Inc		12 Liner Superintendent	N
Environmental Specialties, Inc		12 Laborers/ Seamers	N
Carol McIntire	Entact	Health & Safety Officer	N
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	N
	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 320D long stick excavator		Eastside	-	-	-	-
CAT D6R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavators, (5)		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	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
IR Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Tenard Street Sweeper		Eastside and CAMU	-	-	-	-
Bomag Smooth drum Roller		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU, screening 1 1/2 6" minus	-	-	-	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Vehicle(s)			
GCL	CETCO	0	rolls	For CAMU, On site	1208			

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Geocomposite	Agro	0 rolls For CAMU, On site	2319
Geomembrane	Agro	0 rolls For CAMU, On site	448

WORK COMPLETED

Unscheduled Work Completed Today

Eastside Mixing and Drying Activity:

Day Shift:

- Continued final scrape in 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 and HP-3.
- Pushing out wet material onto the dry ponds and HP-3.
- Applied Chemloc to roads and stockpiles.
- Farming wet material that has been spread out to dry with the D8 dozer and disc.

Night Shift:

- No Activity.

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 BM North.
- Phase IIIB continued excavating west slope and grading floor.
- Phase IIIB trench continued excavating east from concrete wall. Haul and placed in Phase II. Shut down due to wind.
- Phase I & II Sump and Vadose, Entact installed 3/4 inch PVC pipe sleeves in each.
- Phase I Sump and Vadose water measured. Phase II Sump water measured and Phase II Vadose checked and found to be dry.

Night Shift:

- No Activity.

Embankment

- Phase I embankment, complete.
- Phase I estimated cumulative embankment placed: 0 cy
- Phase II embankment, complete.

Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurements taken by Entact. However not provided.
Vadose: Measurements taken by Entact. However not provided.
Phase II: LCRS Sump: Measurements taken by Entact. However not provided.
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: PUA-6, continued west.

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 =	445,298 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (34) loads @ 18 cy/load (2) trucks =	612 cy
Daily Day shift waste placed today: Silt Trenches, (107) loads @ 18cy/load (5) trucks =	1,926 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase II estimated cumulative waste placed =	447,836 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 =	760,528 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	37.1%
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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)	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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6369	BRC Eastside Common Areas Soils Remediation	21-Mar-09	251

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			
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	0
Geomembrane	0	0	0	0
Geocomposite	0	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

Department of Health & Safety, Science, Labour Training & Safety, Employment Commission

Safety Topic

Eastside Day: Discussed daily equipment checklists, operators responsibility.
CAMU Day: Discussed daily equipment checklists, operators responsibility.
CAMU & Eastside Night Shift: No Work.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

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Daily COA Summary

Monitored waste placement into the Phase II and III of silt trench materials on the day shift.
Monitored installation of 42" stormwater piping system.
Monitored earthwork construction at Phase IIIB.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Получить / Ссылка / Комментарий / Текст

Entact measured, Phase I and Phase II sump and Vadose.

SITE VISITORS

[illegible]

Report Prepared By: Title

Richard Laubinger, Construction Manager

Date Prepared:

21-Mar-09

Signature _____

Weather Table

Sunny/Clear

Sunny / Party Cloudy

Cloudy / Partly Sunny

Cloudy

Overcast

Light Rain

Rain

Thunderstorms

Snow

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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 trench excavation.

Photo 3



CAMU: Dirty haul rd scrape.

Photo 4



CAMU: Dirty haul rd scrape.