

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title - Location	Day of Report	Report No.
6389	BRC Eastside Common Area Soils Remediation	16-Mar-09	246

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 Saha	rsaha@earthlink.net	702-567-0400
WESTON PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8990

WEATHER CONDITIONS

Conditions	Temp (F)	Wind	Additional Readings
AM Sunny/Clear	Low 47	High 72 S 6mph	Precip. (inches) Humidity (%)

Observed Weather Comments:
Calm to light winds.

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.	N
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 Dorosier	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 Eitzman, ASW	Inspector	Linear Inspector	N
Devin Gordon, McGinley	Oversight	For NDEP	Y
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
PR&J, Survey	Surveyors	Survey, NW basin trench remediation.	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schlissler	Entact	Acting Project Manager	Y
Josh Carol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	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
Eli Blackburn	Entact	CSP, Safety	N
	Environmental Specialties, Inc	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, Mohawk Drive.	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 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 (2)		CAMU	-	-	-	-
CAT D-6 Dozer, (2)		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	-	-	-	-
Chieftain 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	UOI	Purpose	Inventory Verification
GCL	CETCO	0	rolls	For CAMU, On site	1288

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Geocomposite	Agro	0	rolls	For CAMU, On site	2292	
Geomembrane	Agro	0	rolls	For CAMU, On site	448	

WORK COMPLETED

Time spent on Work Encountered Today

Eastside Mixing and Drying Activity

Day Shift:

- Finished final scrape in PUA-4 and began scraping in PUA-5
- Continued hauling and spreading wet material from SW-7 to PUG 6 & 7.
- Mixing and stockpiling material in SW-2.

Night Shift:

- Continued hauling material from the Beta ditch and SW-2 stockpiles.

CAMU Activity:

Day Shift:

- Continued excavating east end of NW-2, loading and hauling trash and gravel to Phase II.
- Continued excavating southwest NW-1, additional remediation outside design.
- Continued installation of 42" RCP storm drain piping.
- Continued backfilling NW Detention basin remediation trench to findlay property line.
- Continued screening soils and stockpiling in berm along entrance haul rd.
- Hauled 1" minus soils to BM North, North slope for cover material.
- Phase IIIB continued excavating west slope and grading floor.

Night Shift:

- Continued placing material in Phase II landfill.

Embankment

- Phase I embankment, complete.
- Phase 1 estimated cumulative embankment placed: 0 cy
- Phase II embankment, complete.

Other:

Inspections: NW-1, continued loading white/gray trash, completed waste removal south and connected to NW-2. Section ready for inspection.
NW-2, continued and completed waste removal pyrophoric remains in south end. Section ready for inspection.
NW-3, continued and completed waste removal in work zone east. Section ready for inspection.

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 =	408,164	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: NW Basin (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Day shift waste placed today: Silt Trenches, (87) loads @ 18cy/load (4) trucks =	1,566	cy
Daily Night shift placed today: (297) loads @ 18cy/load (19) trucks =	5,346	cy
To Date Phase II estimated cumulative waste placed =	415,076	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 =	727,768	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	35.5%
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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)	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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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
@CI

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
GCI

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

Registration at Health & Safety Agency. Take a Test: www.hse.gov.uk/nurses

Safety Topic

Eastside Day: Entact Corporate safety inspection upcoming, housekeeping in trucks and equipment.
CAMU Day: Entact Corporate safety inspection upcoming, housekeeping in trucks and equipment.
CAMU & Eastside Night Shift: Discussed, Seat belts, no smoking or eating in haul trucks.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Repetition of Quality Control Activities Taken Today, Quality Improvement Committee

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 material on the night shift.
Monitored installation of 42" stormwater piping system.
Monitored earthwork construction at the NW Detention Basin.
Monitored placement of 1" minus material at BM North, North slope toe.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

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SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared:

16-Mar-09

Signature _____

Weather Table

Sunny/Clear

9

Sunny / Party Cloudly

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Cloudy / Partly Sunny

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Cloudy

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Overcast

♏

Light Rain

५०

Rain

Thunderstorms

⋈

Snow

&

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



Eastside: SW-7.

Photo 2



Eastside: SW-7.

Photo 3



CAMU: Phase IIIB.

Photo 4



CAMU: NW-1, Additional excavation.