

Basic Remediation Company

 875 West Warm Springs Road
 Henderson, Nevada 89011

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	14-Mar-09	244

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Leo Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Haragat Saha	shahagun@earthlink.net	702-567-0400
CORR. PROJECT MANAGER	Dan Bronnecke	Dan.Bronnecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Additional Readings
AM Sunny/Clear	Low 42 High 65	NE 5mph	Precip. (inches) Humidity (%)

Additional 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 Bronnecke	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.	N
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	N
June 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 Derosier	QA/QC Tech	Oversight	Y
Carson 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
Duvin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
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.	Y

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geninger	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Cutila	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 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	-	-	-
JO D400 Dump Trucks (9)		Eastside	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-
CAT D6R Dozer with disc		Eastside	-	-	-
CAT 345 excavators, (9)		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	-	-	-
Gradall		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	UOM	Purpose	Delivery Verification
GCL	CEITCO	0	rolls	For CAMU, On site	To Date Qty From Yards
					1286

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

WORK COMPLETED

Description of Work Completed Today:

Eastside Mixing and Drying Activity:

Day Shift:

- SW-7, loading out wet material and hauling to PUF-5.
- SW-2, mixing and stockpiling material.
- PUA-4, Scraping floor east to west.

Night Shift:

- No Activity.

CAMU Activity:

Day Shift:

- NW-2, silt trench, excavator continued loading out trash and gravel, small pyrophoric material.
- NW-1, West end excavator continued remediation southwest from original trench.
- RCP 42" storm drain pipe, continued pipe installation and backfill.
- Phase IIIB, continued excavating west slope, loading out hauling to NW basin trench.
- NW detention basin trench remediation backfill began placing and compacting.
- Power screener began screening material from berm stockpile along entrance road.

Night Shift:

- No Activity.

Embankment

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

Other:

Inspections: CAMU:
NW-2, trash, gravel and pyrophoric substance minimal.
NW-1, white and gray material with some gravel continues southwest.

Eastside:
PUA-4 scraping, continued nothing unusual.

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 scope & 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 =	401,306	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, (100) loads @ 18cy/load (4) trucks =	1,800	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	0	cy
To Date Phase II estimated cumulative waste placed =	403,106	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 =	715,798	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	34.9%
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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
OCI

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%	8,534,075	32.7%

HEALTH & SAFETY

Description of Month & Safety Action Taken Today / Safety Inspection Completed

Safety Topic

Eastside Day: Discussed safety bonus for and wearing your PPE at all times on the site.
CAMU Day: Discussed safety bonus for and wearing your PPE at all times on the site.
CAMU & Eastside Night Shift: No Work.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Progress of Quality Control Across Talent Pools / Quality Improvement Commission

Daily COA Summary

Monitor waste placement into Phase II Landfill during the day shift.
Monitor installation of stormwater piping at the CAMU.
Monitor the earthwork backfill and compaction at the NW Basin remediation trench.
Monitor the earthwork construction at the Phase IIIB north berm.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Diagnosis of Asthma / Etiology + Contributing Factors

SITE VISITORS

[illegible]

Report Prepared By: Title

Richard Laubinger, Construction Manager

Date Prepared

14-Mar-09

Signature _____

Weather Table

Sunny/Clear

9

Sunny / Party Cloudly

9

Cloudy / Partly Sunny

mp

Cloudy

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Overcast

 $\mathfrak{m}$

Light Rain

70

Rain

Thunderstorms

⋈

Snow

&

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB.

Photo 2



Eastside: Beta Ditch.

Photo 3



Eastside: PUA-4.

Photo 4



CAMU: NW Basin remediation trench, backfill.