

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	30-Jan-09	201

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Harris	lharris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	sahurj@earthlink.net	702-567-0400
CONSTR. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsoludt.com	720-641-8660

WEATHER CONDITIONS

Conditions		Temp (°F)	Wind	Atm. Readings
AM	Sunny/Clear	PM	Sunny/Clear	Low 44 High 65 WNW 10mph
Precip. (in)		Humidity (%)		
Additional Weather Comments				

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
Wayne Wofford	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camon 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 Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y
Jerry Fauchaux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Elzman, ASW	Inspector	Linear Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors		N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Josh Carol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	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	Y
Eli Blackburn	Entact	CSP, Safety	N
	Environmental Specialties, Inc.	Asst Project Manager	Y
		1 Linear Superintendent	Y
		12 Laborers/Seamers	Y
Jeremy Schlatter	Entact	Acting Project Manager	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU, Mohawk Drive.	Y
	Foundation Pile, Inc.	(8) Sheet Piling Crew	Y

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 D8R 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	-	-	-	-
Graders		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		CAMU, screening 1" & 6" minus	-	-	-	-
(2) Cranes		Sheet pile driving.	-	-	-	-

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MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Inventory Verification			
GCL	CETCO	0	rolls	For CAMU, On site	830			
Geocomposite	Agru	27	rolls	For CAMU, On site	993			
Geomembrane	Agru	0	rolls	For CAMU, On site	258			

WORK COMPLETED

Description of Work Executed Today:

Eastside Mixing and Drying Activity:

Day Shift:

- Stockpiled/drying material in SW-2, PUA-5.
- Pumping water from SW-7 - SW-12.
- Excavating in PUB-5, below design excavation depth and hauling material to the Beta ditch and SW-2.
- Continued mixing and drying material with long stick excavator in 7A ponds.
- Moisture conditioning beta ditch.

Night Shift:

- Hauled material from HP-3 and PUA-5 to Phase II.
- Stockpiled daily cover for upcoming silt trench material placement in Phase II.

CAMU Activity:

Day Shift:

- Screening soils from Berms along haul rd.
- Hauled/placed 1' and 6' minus cover soils on N. BMI Landfill.
- Excavating contaminated soils from NW Basin/Phase IIIB and hauled/placed in Phase II.
- ESI placed GCL and Geomembrane liner on Phase IIIA.
- Excavated silt trench material from SLT4W, placed in Phase II. Shut down operations at 2:25PM, due to fire in excavation.
- Work resumed at 3:10PM, except in silt trenches.
- Chemloc sprayed on Phase IV and V scrape areas.

Night Shift:

- Placed materials in Phase II from the eastside.

Embankment

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

Other: Foundation Pile, Inc., No work.

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I

Previous Daily Cumulative =	269,538 cy
Operations layer placed (completed) = 21,662	21,662 cy
Daily Day shift waste placed today: Phase IV,V scrape & 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 =	198,902 cy
Operations layer placed (completed) = 37,188	0 cy
Daily Day shift waste placed today: Phase IV,V scrape,Silt Trench excavation & Phase IIIB trench excavation, (92) loads @ 20 cy/load (5 trucks) =	1,840 cy
Daily Night shift placed today: 290 loads @ 18cy/load (19 trucks) =	5,220 cy
To Date Phase II estimated cumulative waste placed =	205,962 cy

Cumulative Total To Date All Phases =	497,162 cy	Estimated Waste at Completion (est)	% Complete
		2,200,000	22.6%

Geosynthetics Placed

	Previous Daily Cum (sf)	Placed Today (sf)	Cumulative Placed to Date (sf)
Phase I (complete)			
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	100,000	35,000	135,000
Geomembrane	100,000	35,000	135,000
Geocomposite	0	0	0
Geotextile	0	0	0
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	1,033,388	0	1,033,388
Geomembrane	1,033,388	0	1,033,388
Geocomposite	735,000	0	735,000
BMI South			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000
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 Phases + BMI N&S (sf) =	1,974,228	4,151,232	47.6%	6,534,075	30.2%

HEALTH & SAFETY

Observations of Health & Safety Across Trade Training: Safety Inspections Completed

Entact H&S Tailgates

Safety Topic: Eastside, Day: Discussed speeds on the haul roads.

Safety Topic: CAMU, Day: Discussed traffic safety on the haul roads. Watch for visitors etc.

Eastside and CAMU, Night: Discussed truck drivers Friday night focus on drivers on the highway.

Safety Incidents: (1.) Medical emergency, truck driver experiencing stomach pain, transported to the hospital via ambulance.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Department of Quality Control Assured Every Today Quality Improvement Guaranteed

Daily CQA Summary

Monitored waste relocation and waste placement from Eastside to CAMU Phase II on the night shift.

Monitored proofrolling of waste at phase II.

Monitored screening operation at the Berms next to ingress Camu haul rd.

Monitored the installation of cover soil at the North BMI Landfill.

Monitored the installation of GCL and Geomembrane liner in Phase IIIA.

Continued review of and updating of project documents and database to facilitate reporting.

Monitored waste placement in Phase II during day shift. Phase IIIB trench excavation & slit trench SLT4W.
Inventory delivery of geosynthetics: 27 rolls of geomembrane.

Inventory delivery of geosynthetics, 27 rolls of geocomposite.

ISSUES AND/OR ITEMS OF DISCUSSION

Navigation of Issues / Concerns / Collaborations / Topics

(1.) Medical emergency, truck driver experiencing stomach pain, transported to the hospital via ambulance. (2.) Excavator operator in Camu at slit trench reported a fire in the trench. Stop work called. Henderson Fire Dept responded. Told to let burn out.

SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 30-Jan-09

Date Prepared _____ Signature _____

30-Jan-09

Signature _____

Weather Table

Sunny/Clear 96

Sunny / Party Cloudly ☺

Cloudy / Partly Sunny Cloudy Ω

Overcast m

Light Rain 76

Rain

Thunderstorms ¥

Snow *et al.*

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Slit trench SLT4W, excavation.

Photo 2



CAMU: McGinley and Weston Inspecting slit trench, SLT5W, looking west.

Photo 3



CAMU: Phase IIIB, excavation, looking south.

Photo 4



.CAMU: Chemloc surfactant, sprayed on Phase IV & Phase V.