

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title - Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-Mar-09	242

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	Ranjit Sabu	sahurond@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	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Adt'l Readings
AM Sunny / Partly Cloudy	Low 43 High 65	SE 7mph	Precip (in) / Humidity (%)

Reflected Waiver - Evening

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.	Y
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
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Carmon 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 Fauchoux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade - Work Performed	Y/N
Mark Elzman, ASW	Inspector	Liner Inspector	Y
Devin Gordon, McKinley	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 Hakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade - Work Performed	Y/N
Erk Geiringer	Entact	Project Manager	N
Jeremy Schlaser	Entact	Acting Project Manager	Y
Joel Carol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Canella	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 McInlre	Entact	CSP, Safety	Y
Dale Walsh	Conversa	CSP, Safety	N
Elk Blackburn	Entact	Asst Project Manager	Y
	Environmental Specialties, Inc	1 Liner Superintendent	N
	Environmental Specialties, Inc	12 Laborers/ Sealmers	N
Carol McInlre	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 D6H Dozer with disc		Eastside	-	-	-	-
CAT 945 excavators, (6)		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	-	-	-	-
Gradaill		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	CETCO	0	rolls	For CAMU, On site	Is Auto Del. Sign. T-Box 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	
Description of Work Completed Today	
Eastside Mixing and Drying Activity: Day Shift: - Continued screening operations layer material in the beta ditch. - SW-7 loading out wet material and hauling to PUF-6. - PUA-4 Scraping south haul road. East to West. - PUA-4 and PUA-5 scraped out connecting channel of discolored yellow soils. Night Shift: - Continued hauling material from beta ditch. - Continued hauling material from SW-2 stockpile. CAMU Activity: Day Shift: - SW-2 silt trench, excavator continued loading out trash and gravel. - NW-1, West end excavator continued remediation southwest from original trench. - RCP 42" storm drain pipe, continued pipe installation and backfill. Night Shift: - Continued to place material in Phase II. Embankment - Phase I embankment, complete. - Phase 1 estimated cumulative embankment placed: 0 cy - Phase II embankment, complete. Other: Inspections: CAMU: SW-2 silt trench, small area smoldering, trash and debris barrels with gravel. NW-1, white and gray material with some gravel. The following trenches were inspected for backfill and delineated with stakes where approved today by MGA and Weston: NW-1, NW-2, and NW-3. Minor punchlist given to Enfact PM. Weston will verify completion before backfill begins. Eastside: PUA-4, South haul rd scraping. Yellow soils encountered in connecting channel between PUA-4 & PUA-5, removed.	

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 =			387,374	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 =				cy
Daily Day shift waste placed today: Silt Trenches, (136) loads @ 18cy/load (5) trucks =			2,448	cy
Daily Night shift placed today: (274) loads @ 18cy/load (19) trucks =			4,932	cy
To Date Phase II estimated cumulative waste placed =			394,754	cy
Phase IIIA				
Previous Daily Cumulative =			21,492	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =				cy
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =				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 =				cy
To Date Phase IIIA estimated cumulative waste placed =			21,492	cy
Cumulative Total To Date All Phases =			707,446	cy
			Estimated Waste at Completion (cy)	% Complete
			2,050,000	34.5%

Geosynthetics Placed

Phase / (complete)	Previous	Placed	Cumulative
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	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			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000

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%

Department of Health & Safety, Ontario, Canada; Safety Incubators, Ontario, Canada

Safety Topic:
 Eastside Day: Discussed housekeeping in your equipment/trucks and around the site.
 CAMU Day: Discussed housekeeping in your equipment/trucks and around the site.
 CAMU & Eastside Night Shift: Maintain distance in between trucks while waiting in the decon line. Truck blind spots.

Department of Quality Control & Assurance, Loughborough University, Loughborough, Leicestershire, UK

Monitor waste placement into Phase II Landfill during the day shift.
Monitor waste placement into Phase II Landfill during the night shift.
Monitor installation of stormwater piping at the CAMU.
Monitor the earthwork construction at the NE Equalization Basin.
Continue review of and updating of project documents and database to facilitate reporting.

Pharmacokinetic of Isosorbide-5-Nitrate + Ceftriaxone + Cefuroxime + Typhoid

[illegible]

Report Prepared By: Title	Date Prepared	Signature
Richard Laubinger, Construction Manager	12-Mar-09	

Sunny/Clear	
Sunny / Party Cloudy	
Cloudy / Partly Sunny	
Cloudy	
Overcast	
Light Rain	
Rain	
Thunderstorms	
Snow	

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Slit trench, NW-3.

Photo 2



CAMU: Slit trench, SW-2.

Photo 3



CAMU: Slit trench, NW-3.

Photo 4



CAMU: Slit trench, NW-1.