



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-Apr-09	282

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On Site	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ravaji Sahu	rsahu@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	Add'l Readings
AM	Sunny/Clear	Low 71	SW 5 mph	Precip. (inches)
PM	Sunny/Clear	High 96	SW 5 mph	Humidity (%)

Additional Weather Comments

Calm - 5 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.	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
Robecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Dencsler	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Sang Yeo	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 Eizman, 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, Phase IIIB	Y

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Jeremy Schissler	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	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	N
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	Y
	Foundation Pile, Inc. (6)	Mobilized on site, removing sheets at SW-2.	Y
Russell Karnes	Entact	Superintendent	N

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (10)		Eastside	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-
CAT D8R Dozer with disc, (1)		Eastside	-	-	-	-
CAT 345 excavators, (8)		Eastside and CAMU, Southern rib	-	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-	-
Kobelco Excavator, (1)		CAMU	-	-	-	-
CAT D6 LGP Dozer (1)		Eastside	-	-	-	-
Water Trucks (3)		Eastside	-	-	-	-
Case backhoe		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
Water Trucks (4)		CAMU	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-
Gradall		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU	-	-	-	-
(1) Crane		Removing sheetpiles (1) Crane.	-	-	-	-

MATERIAL HANDLING/ON-SITE DELIVERY / REMOVAL

Material	Vendor	Today	UOM	Purpose	Delivery Verification
GCL	CETCO	0	rolls	For CAMU, On site	1612

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Geocomposite	Agro	0	rolls	For CAMU, On site	2373	
Geomembrane	Agro	0	rolls	For CAMU, On site	514	

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- First excavator, PUA-3 haul road, removing overburden loading and hauling to beta ditch staging area.
- Second excavator, continued excavating haul road area south of PUC-3 next to northern berm of PUB-3.
- Long stick excavator, casting wet material from SC-1 to south slope of SW-4.
- Tracking/discing through wet material that has been spread on the ponds.
- SW-12 pond pH: 6.
- Southern rib scraping, stockpiling and presoaking soils, continued.

Night Shift:

- Hauled material from HP-2 and Beta ditch staging area.

CAMU Activity:

Day Shift

- Continued grading and excavating in Phase IIIB.
- NW-1, continued loading out white/gray material hauling to Phase II landfill.
- SW-1, excavated material beyond Phase IIIB boundary.
- SW-1, continued backfilling inspected and approved area at the west end to Phase IIIB boundary.
- Foundation Pile driving Co. completed the removal of sheet piling at SW-2/BMI South.
- Jensen poured approximately 11 yards of concrete at MH # 5, 6 & 7 of stormwater drainage system and stripped forms at MH # 4.

Night Shift:

- Continued placing material in Phase II and IIA.

Embankment

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

Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).
Vadose: Measurement taken: (N/A). Water Pumped: (N/A).
Phase II: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).
Vadose: N/A.

Inspections: CAMU: Weston monitored sump access.
SW-1, Silt trench inspected. Additional cleanup completed to the east.
Inspected by MGA and Weston. Cleared for backfill up to stakes beyond Phase IIIB boundary.

Eastside: Perimeter fence inspected no findings, secure.

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 =		527,826	cy
Operations layer placed (completed) for liner certification. = 37,188			
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =			cy
Daily Day shift waste placed today: Silt Trenches, (90) loads @ 18cy/load (4) trucks =		1,620	cy
Daily Night shift placed today: (61) loads @ 18cy/load (10) trucks =		1,098	cy
To Date Phase II estimated cumulative waste placed =		530,544	cy
Phase IIIA			
Previous Daily Cumulative =		86,832	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =			cy
Operations layer placed (completed for liner certification = 21,276			
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (213) loads @ 18cy/load (17) trucks =		3,834	cy
To Date Phase IIIA estimated cumulative waste placed =		90,666	cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =		2,050,000	44.5%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cummulative
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
CCI

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
CCI

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

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
1	1. Inspected the construction site for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
2	2. Conducted a safety inspection of the office building. Found that the fire exits were blocked by boxes and papers. I had the area cleaned up and the exits kept clear. I also found that the fire extinguishers were not checked and had expired. I had them replaced with new ones.
3	3. Inspected the warehouse for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
4	4. Conducted a safety inspection of the construction site. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
5	5. Inspected the construction site for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
6	6. Conducted a safety inspection of the office building. Found that the fire exits were blocked by boxes and papers. I had the area cleaned up and the exits kept clear. I also found that the fire extinguishers were not checked and had expired. I had them replaced with new ones.
7	7. Inspected the warehouse for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
8	8. Conducted a safety inspection of the construction site. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
9	9. Inspected the construction site for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
10	10. Conducted a safety inspection of the office building. Found that the fire exits were blocked by boxes and papers. I had the area cleaned up and the exits kept clear. I also found that the fire extinguishers were not checked and had expired. I had them replaced with new ones.

Safety Topic:

Eastside Day: Discussed pinch points on the equipment

CAMU Day: Discussed pinch points on the equipment.

CAMU & Eastside Night Shift: Scaffold safety.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement of eastside material during the night shift in Phase II and IIA.

Monitored waste placement of slit trench material during the day shift in Phase II.

Monitored subgrade preparation in Phase IIIB.

Monitored backfilling operations in SW-1, slit trench, Phase IIIB.

Monitored concrete pour and testing at MH # 5, 6, & 7.
Continuous review of and updating of project documents.

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

10. *Journal of the American Medical Association*, 2000; 284: 1039-1044.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

20-Apr-09

Signature

Weather Table

Sunny/Clear 99

Sunny / Party Cloudly

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: SW-1 Slit trench.

Photo 2



CAMU: NW-1, Slit trench.

Photo 3



CAMU: Manhole # 4, Storm drainage system.

Photo 4



CAMU: Sheet Piling all removed.