



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-May-09	318

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 Sahu	sahuron@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 / Partly Cloudy	PM	Sunny / Partly Cloudy	Low	76		Precip. (inches)	0
				High	98	NE 5	Humidity (%)	0

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.	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
Jane 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
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camon 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 Fauchaux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	Y
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Day	Entact	Health & Safety Officer	N
Timothy Stadt, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Ed Long, Day	Entact	CAMU, Superintendent	Y
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
John Frazier, Nights	Entact	Health & Safety Officer	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
Russell Karnes	Entact	Superintendent, Additional Tasks, Southern Rib, etc.	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	N
	ABC Survey	Eastside/CAMU	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 LSP 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	-	-	-	-
GradaIt		CAMU	-	-	-	-
JLG		CAMU	-	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-	-
Chieftain 1400 Powerscreener		CAMU	-	-	-	-
			-	-	-	-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification	
GCL	CETCO	0	rolls	For CAMU, On site	1911	
Geocomposite	Agru	0	rolls	For CAMU, On site	2442	
Geomembrane	Agru	0	rolls	For CAMU, On site	558	

WORK COMPLETED

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Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- Continued hauling wet material from SC-1 to WST Ponds and spreading material to dry.
- Continued excavating N. Beta Ditch on South side of sewer alignment, material hauled to Beta ditch staging area.
- PUC-6, long stick excavator stockpiling waste.
- Western Hook, continued clearing and grubbing tamarisk and brush in ditch areas.
- Southern Rib, over the road haul trucks hauling soils to CAMU for placement in Phase II landfill.
- Sampled SW-12, pH: 6.

Night Shift:

- Hauled material from Beta Ditch stockpile and CTR-2 stockpile to Phase II and IIIA for placement.

CAMU Activity:

Day Shift

- Continued excavation of NE-2, Silt trench, loading out and hauling into Phase II landfill for placement.
- Continued excavation of NE-1, Silt trench, loading out and hauling into Phase II landfill for placement.
- Continued excavation of SW-1, Silt trench periodically, Hauling into Phase II landfill for placement.
- SW-1 continued breaking yellow material half of the day with new concrete breaker.
- Continued screening 1" minus and 6" minus in north berm stockpile along the clean haul road.
- Continued placing the first lift of 1-minus material on the BMI South Landfill.
- Placed material from Southern Rib in Phase II.

Night Shift:

- Continued placing material in Phase II and IIIA.

Embankment

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

Sump/Vadose Monitoring Phase 1: 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: Measurement taken: (NA) Water pumped: (NA)

Inspections: CAMU: Weston monitored sump access. N/A.

Eastside: Perimeter fence inspection, All secure.
Weston conducted night pre-trip inspection of haul trucks (5) trucks needed additional cleaning. In addition the street sweeper was found to have excess grease and road grime buildup. It was also decon cleaned.

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 = 658,740 cy
Operations layer placed (completed) for liner certification. = 37,188 0 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive/Southern Ribs: (81) loads @ 18 cy/load (8) trucks = 1,458 cy
Daily Day shift waste placed today: Silt Trenches, (161) loads @ 18cy/load (5) trucks = 2,898 cy
Daily Night shift placed today: (53) loads @ 18cy/load (8) trucks = 954 cy
To Date Phase II estimated cumulative waste placed = 664,050 cy

Phase IIIA

Previous Daily Cumulative = 148,752 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 0 cy
Operations layer placed (completed for liner certification = 21,276) 0 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = 0 cy
Daily Night shift waste placed today: (225) loads @ 18cy/load (20) trucks = 4,050 cy
To Date Phase IIIA estimated cumulative waste placed = 152,802 cy

Phase IIIB

Previous Daily Cumulative = 21,978 cy
Operations layer placed (completed) for liner certification. = 21,978 0 cy
Daily Day shift waste placed today: From ?? (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 = 21,978 cy

	Estimated Waste at Completion (cy)	% Complete
Cummulative Total To Date All Phases =	1,130,030 cy	55.1%

Geosynthetics Placed

	Previous	Placed	Cummulative
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	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
Phase IV			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V			
GCL	0	0	0

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Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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	177,000	0	177,000
Geomembrane	177,000	0	177,000
Geocomposite	177,000	0	177,000

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
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CAMU Cover

GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

		Total Geosynthetics for CAMU Basic Scope (\$)	% 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	2,655,843	4,151,232	64.0%	6,534,075	40.6%

HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted

Safety Topic:

Eastside Day: Discussed three points of contact up and down from trucks and equipment, potential to catch jewelry.
CAMU Day: Discussed three points of contact up and down from trucks and equipment, potential to catch jewelry.
Night shift CAMU & Eastside: Discussed three points of contact up and down from trucks and equipment, potential to catch jewelry.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement of slit trench materials and Southern rib soils in Phase II during the day shift.
Monitored waste placement into the CAMU of eastside materials on the night shift.
Monitored placement of cover material on BMI South Landfill on the day shift.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title






Date Prepared

Signature _____

Richard Laubinger, Construction Manager

28-May-09

Weather Table

Sunny/Clear	
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



Eastside: N. Beta Ditch, remediation.

Photo 2



CAMU: Phase II, Southern Rib soils.

Photo 3



CAMU: Phase II.

Photo 4



CAMU: Phase II.