

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	03-Sep-09	415

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	970-260-8586
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution.com	720-641-5866

Conditions				Temp (F)		Wind		Add'l Readings	
AM	Sunny / Partly Cloudy	PM	Cloudy / Partly Sunny	Low	83			Precip. (in/Dy.)	0
				High	106	SSW	3 mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	Y
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Rebecca Flynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derostier	QA/QC Tech	Oversight	Y
Canon Liddell	QA/QC Tech	Oversight	Y
Kath Schwallie	QA/QC Tech	Oversight	Y
Victor Hendea	QA/QC Tech	Oversight	Y

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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Brian Rakivca	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

[illegible][illegible]

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Qty	Spec
GCL	CETCO	0	rolls	For CAMU, On site		2271	
Geocomposite	Agru	0	rolls	For CAMU, On site		2442	
Geomembrane	Agru	0	rolls	For CAMU, On site		568	

WORK COMPLETED	
Description of Work Executed Today	
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
11	11.00
12	12.00
13	13.00
14	14.00
15	15.00
16	16.00
17	17.00
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39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
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99	99.00
100	100.00

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- Beta Ditch, power screening 1" and 6" minus soils. - WST-5, D8 dozer pushing up dried material. - Western hook, continued loading and hauling material to the CAMU for placement.
- Night Shift: - Hauled material from Beta Ditch and SW-4 stockpiles.
CAMU Activity:
- Day Shift - Phase V, ESI liner crew continued installing Geocomposite liner. - Phase V, continued backfilling anchor trench. - Phase V, continued placing operations layer. - Phase V, continued installing LCRS pipe and rock. - HW3, worked on subgrade for trash rack. - Graded waste in Phase I, Phase II, and Phase IIIB. - Phase II, placed western hook material, including shredded wood mixed with soils.
- Night Shift: - Placed material in Phase II, IIIB, IV. - Placed operations layer material in Phase V.
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: Measurement taken: (N/A) Water Pumped: (N/A). Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).

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

Phase I		
Previous Daily Cumulative =		311,934 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 =		311,934 cy
Phase II		
Previous Daily Cumulative =		904,852 cy
Operations layer placed (completed) for liner certification. = 37,188		0 cy
Daily Day shift waste placed today: From Western Hook (107) loads @ 18 cy/load (10) trucks =		1,926 cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =		0 cy
Daily Night shift placed today: (19) loads @ 18cy/load (3) trucks =		342 cy
To Date Phase II estimated cumulative waste placed =		907,120 cy
Phase IIIA		
Previous Daily Cumulative =		222,174 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: (0) loads @ 18cy/load (0) trucks =		0 cy
To Date Phase IIIA estimated cumulative waste placed =		222,174 cy
Phase IIIB		
Previous Daily Cumulative =		178,272 cy
Operations layer placed (completed) for liner certification. = 21,978		0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		0 cy
Daily Night shift waste placed today: (2) loads @ 18cy/load (1) trucks =		36 cy
To Date Phase IIIB estimated cumulative waste placed =		178,308 cy
Phase IV		
Previous Daily Cumulative =		71,964 cy
Operations layer placed (completed) for liner certification = 37,314		0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =		0 cy
Daily Night shift waste placed today: (163) loads @ 18cy/load (17) trucks =		2,934 cy
To Date Phase IV estimated cumulative waste placed =		74,898 cy
Phase V		
Previous Daily Cumulative =		19,278 cy
Operations layer placed: (149) loads @ 18cy/load (20) trucks =		2,682 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 V estimated cumulative waste placed =		21,960 cy

	Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	1,716,394 cy	83.7%

Geosynthetics Placed

	Previous	Placed	Cumulative Placed
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	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
Phase V			
GCL	538,000	0	560,000
Geomembrane	538,000	0	560,000
Geocomposite	380,000	80,000	460,000
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	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 (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	3,675,785	4,151,232	88.5%	6,534,075	56.3%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Proper use of (PPE), personal protective equipment.
CAMU Day: Discussed: Proper use of (PPE), personal protective equipment.
Night shift CAMU & Eastside: Discussed: Professionalism and safety record.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

- Monitor waste placement into the CAMU of eastside material on the night shift.
- Monitor waste placement into the CAMU of western ditch material during the day shift.
- Monitor the installation of operational fill in Phase V on the night shift.
- Monitor the installation of operational fill in Phase V on the day shift.
- Monitor the installation of geosynthetics in Phase V.
- Monitor the construction of stormdrain system.
- Monitor the backfilling of anchor trench in Phase V.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

CAMU: MGA, Geosyntec and Weston witnessed the mixing and placing of shredded wood and soils from western hook.

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

3-Sep-09

Weather Table

Sunny/Clear	☀
Sunny / Partly 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: Phase V.

Photo 2



CAMU: Phase V.

Photo 3



CAMU: NW basin, Headwall #3,

Photo 4



CAMU: Phase II, Shredded wood mixing and placement.