

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	11-Feb-10	569

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjati Sahu	sahuranj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard L Aubinor	Richard.L.aubinor@westonsolution.com	770-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	45			Precip. (in/Dy)	0
				High	61	E	5mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	Y
Dan Street	QA Manager	Oversight	N
Jim Cox	QA/QC Supervisor	Oversight	Y
Rebecca Flynn	Engineer	Oversight	N
Caaron Liddell	QA/QC Tech	Oversight	Y
Graciano Malina	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
John Duncan	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	

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

Name	Company	Trade / Work Performed	Y/N
Erik Gehring	Contact	Project Manager	N
Eli Blackburn	Contact	Asst Project Manager	Y
Josh Carroll	Contact	Asst Project Manager, Eastside Manager	Y
Michael Carlson	Contact	Engineer	Y
Joe Curllie Day	Contact	Health & Safety Officer	N
Timothy Stadl, Day	Contact	Health and Safety Officer	N
Roger Wagner, Night	Contact	Eastside, Superintendent	Y
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	Y
Lance Bruce, Night	Contact	Health & Safety Officer	Y
Terry Harper, Night	Contact	CAMU, Superintendent	Y
Rick McIntire	Contact	CSP, Health & Safety	N
Scott Zattau, Day	Contact	Health & Safety Officer	Y
Jose Martinez, Night	Contact	Health & Safety Officer	Y
Dawn Breedlove	Contact	Health & Safety Technician	Y
	Environmental Specialties, Inc. ABC Survey	Liner Crew. (1) Supt., (10) Laborers/ Seamens mobilized, Eastside/CAMU/Western Hook	Y N

[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
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96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

Day Shift:

- Continued final scrape east/west Beta ditch floor, south of SC-1 ponds and south of HP ponds. Hauling to Beta Ditch stockpile.
- GES/Eagle continued sampling in 7B.
- Entact grading access road for GES/eagle for sampling operation in 7B.
- Sizing tires, for placement in the CAMU. Sorting miscellaneous steel in soil pile.

1- Night Shift:
 Hauled material from the Bore ditch stockpile

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- Hauled material from the Beta ditch stockpiles.

CAMU Activity:

- Day Shift:

- Continued power screening 1" and 6" minus soils at 200,000 cy stockpile.
- Continued repairing wash outs on west slope.
- ESI liner crew installed geosynthetics on ramp and west slope of Phase II and Phase I.
- Placing 1" and 6" final cover soils on Phase I, Phase II and Phase IIIB.
- Motorgrader, graded haul roads.
- Placed drainage aggregate for CPE pipe.
- Placed interim cover along north side of Phase IV.
- North BMD landfill, grading, rolling and compacting final cover.
- Graded waste in Phase IV and Phase V.
- Entact monitored sumps.

- Night Shift:

- Placed material in Phase IV and 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: (1.267)	Water Pumped: (N/A).
	Vadose:	Measurement taken: (0.583)	Water Pumped: (N/A).
Phase II:	LCRS Sump:	Measurement taken: (2.383)	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).
Phase V:	LCRS Sump:	Measurement taken: (2.458)	Water pumped: (750 gal).
	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 =	372,886	cy
Operations layer placed (completed) for liner certification. = 21,662	0	cy
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase I estimated cumulative waste placed =	372,886	cy

Phase II

Previous Daily Cumulative =	1,072,405	cy
Operations layer placed (completed) for liner certification. = 37,188		cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =		cy
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =		cy
To Date Phase II estimated cumulative waste placed =	1,072,405	cy

Phase IIIA

Previous Daily Cumulative =	222,174	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)		cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase IIIA estimated cumulative waste placed =	222,174	cy

Phase IIIB

Previous Daily Cumulative =	439,547	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/d (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase IIIB estimated cumulative waste placed =	439,547	cy

Phase IV

Previous Daily Cumulative =	461,840	cy
Operations layer placed (completed) for liner certification = 37,314		cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (77) loads @ 21cy/load (4) trucks =	1,617	cy
To Date Phase IV estimated cumulative waste placed =	463,457	cy

Phase V

Previous Daily Cumulative =	448,486	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Eastside, (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (278) loads @ 21cy/load (13) trucks =	5,838	cy
To Date Phase V estimated cumulative waste placed =	454,324	cy

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	cy
12/31/09 Volume Adjustment to Correlate with CAMU Placement Survey	56,834	cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	3,205,377	2,900,000	110.5%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Placed
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			

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GCL	558,653	0	558,653
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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	944,650	62,750	1,007,400
Geomembrane	944,650	62,750	1,007,400
Geocomposite	881,400	0	881,400

		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	4,693,838	4,151,232	88.8%	6,534,075	71.8%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Housekeeping and Bee stings.
CAMU Day: Discussed: Housekeeping and Bee stings.
Night shift CAMU & Eastside: Equipment inspections at the beginning of the shift.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary

Monitor waste placement of eastside material in the CAMU on the night shift.
Monitor installation of interim cover at the CAMU.
Monitor installation of final cover at the CAMU.
Monitor the installation of geosynthetics.
Monitor BMI, North landfill rolling.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

Name	Organization	Purpose of Visit			

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

11-Feb-10

Signature

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 I, Phase II and Phase IIIB, ramp and west slope.

Photo 2



Eastside: Phase IIIB. West slope.

Photo 3



CAMU: Phase I, Phase II, west slope and ramp.

Photo 4



Eastside: South of SC-1, scrape.