

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	10-Feb-10	568

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

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy / Partly Sunny	PM	Cloudy / Partly Sunny	Low	43			Precip. (in/Dy)	0
				High	57	NE	7mph	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
Samon Littlefield	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

[illegible]

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Brian Rakivica	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	Tags
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		558		

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
18	18.00
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39	39.00
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41	41.00
42	42.00
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87	87.00
88	88.00
89	89.00
90	90.00
91	91.00
92	92.00
93	93.00
94	94.00
95	95.00
96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

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

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- Hauled material from the Beta ditch stockpiles.			
<b>CAMU Activity:</b>			
<b>- Day Shift:</b>			
- 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.			
- Placed 1" minus on Phase IIIB north slope.			
- 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.			
- Extract monitored sumps.			
- GES collected liquid samples from Phase V sump.			
<b>- Night Shift:</b>			
- Placed material in Phase IV and Phase V.			
<b>Embankment</b>			
- Phase 1 embankment, complete.			
- Phase 1 estimated cumulative embankment placed:			
- Phase II embankment, complete.			
<b>Sump/Vadose Monitoring:</b>			
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: (2,358) 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: (2,617) Water pumped: (N/A) n/a)			

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

<b>Phase I</b>		
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
<b>To Date Phase I estimated cumulative waste placed =</b>	<b>372,886</b>	<b>cy</b>
<b>Phase II</b>		
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
<b>To Date Phase II estimated cumulative waste placed =</b>	<b>1,072,405</b>	<b>cy</b>
<b>Phase IIIA</b>		
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
<b>To Date Phase IIIA estimated cumulative waste placed =</b>	<b>222,174</b>	<b>cy</b>
<b>Phase IIIB</b>		
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
<b>To Date Phase IIIB estimated cumulative waste placed =</b>	<b>439,547</b>	<b>cy</b>
<b>Phase IV</b>		
Previous Daily Cumulative =	460,496	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: (64) loads @ 21cy/load (4) trucks =	1,344	cy
<b>To Date Phase IV estimated cumulative waste placed =</b>	<b>461,840</b>	<b>cy</b>
<b>Phase V</b>		
Previous Daily Cumulative =	441,976	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: (310) loads @ 21cy/load (15) trucks =	6,510	cy
<b>To Date Phase V estimated cumulative waste placed =</b>	<b>448,486</b>	<b>cy</b>
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	% Complete
		(cy)	
Cumulative Total To Date All Phases =	3,197,922	cy	110.3%

**Geosynthetics Placed**

<b>Phase I (complete)</b>	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
<b>Phase II (complete)</b>			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
<b>Phase IIIA</b>			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
<b>Phase IIIB</b>			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
<b>Phase IV</b>			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
<b>Phase V</b>			

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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	913,150	31,500	944,650
Geomembrane	913,150	31,500	944,650
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	4,631,088	4,151,232	88.8%	6,534,075	70.9%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Safety using a torch, fire watch, etc.  
CAMU Day: Discussed: Safety using a torch, fire watch, etc.  
Night shift CAMU & Eastside: Bess and Housekeeping

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 final compaction of the final cover on the North BMI Landfill.

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

10-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 IIIB. North slope.

Photo 2



Eastside: Phase IIIB. North slope.

Photo 3



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

Photo 4



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