

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	04-Feb-10	562

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 / Party Cloudy	PM	Sunny / Party Cloudy	Low	43			Precip. (in/Dy)	0
				High	59	SE	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

Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring.	N
Bekky 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 Rakivica	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	Y
El Blackburn	Contact	Asst Project Manager	N
Josh Carol	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	Y
Scott Zattau, Day	Contact	Health & Safety Officer	N
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

Equipment	Vendor / Tag No.	Work Performed					
CAT D40GE Dump Truck (10)		CAMU	-	-	-	-	-
JD D400 Dump Trucks (10)		Eastside	-	-	-	-	-
CAT 324D long stick excavator		Eastside	-	-	-	-	-
CAT 68R Dozer with disc, (1)		Eastside	-	-	-	-	-
CAT 345 excavators, (4)		Eastside and CAMU.	-	-	-	-	-
CAT 330 Excavator (1)		CAMU	-	-	-	-	-
Inlrbett 330LX Excavator (1)		CAMU	-	-	-	-	-
CAT 09 LSP Dozer (1)		Eastside	-	-	-	-	-
Water Trucks (3)		Eastside	-	-	-	-	-
Case 580 backhoe		CAMU	-	-	-	-	-
12,000 gal Water Towers (3)		CAMU and Eastside.	-	-	-	-	-
CAT 05 Dozer		Eastside	-	-	-	-	-
Water Trucks (3)		CAMU	-	-	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-	-	-
CAT 14H Grader		CAMU	-	-	-	-	-
Rock Crusher		CAMU	-	-	-	-	-
Kawasaki Loader		CAMU	-	-	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-	-	-
Komatsu Loader		CAMU and Eastside.	-	-	-	-	-
Cheliant 1400 Powerscreener		CAMU	-	-	-	-	-

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		2448		
Geomembrane	Agru	0	rolls	For CAMU, On site		552		

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
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95	95.00
96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

Day Shift:

- Continued final scrape at south of SW Pond, and south of HP-3 areas.
- Continued excavating Beta Ditch floor and south area. Hauling to Beta ditch stockpile at west end.
- Continued day hauling from Beta Ditch stockpile to CAMU for placement.

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CAMU Activity:

- Day Shift

- Continued power screening 1" and 6" minus soils at 200,000 cy stockpile.
- Finished rolling toe of slope and fixing washouts in Phase I, Phase II and Phase IIIB.
- Continued to place 1" and 6" final cover soils on Phase I, Phase II and Phase IIIB.
- Continued placing material from eastside in Phase V.
- Continued placing CPE drain pipe and rock on Phase I, Phase II and Phase IIIB.
- ESI liner crew continued installing geosynthetics on Phase IIIB.
- Continued on CPE pipe drain system on top.
- Entact monitored Phase V sump.

- Night Shift:

- Placed material in Phase IV and Phase V.

Embankment

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

Sump/Vadose Monitoring:

Phase 1:	LCRS Sump:	Measurement taken: (.992)	Water Pumped: (N/A).
	Vadose:	Measurement taken: (0.563)	Water Pumped: (N/A).
Phase II:	LCRS Sump:	Measurement taken: (1.425)	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: (2.817)	Water pumped: (1,226 gal).
	Vadose:	Measurement taken: (N/A)	Water Pumped: (N/A).

Inspections: CAMU / Subcontract

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 =	453,986	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: (140) loads @ 21cy/load (7) trucks =	2,940	cy
To Date Phase IV estimated cumulative waste placed =	456,926	cy

Phase V

Previous Daily Cumulative =	422,389	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Eastside, (151) loads @ 17 cy/load (10) trucks =	2,567	cy
Daily Night shift waste placed today: (200) loads @ 21cy/load (10) trucks =	4,200	cy
To Date Phase V estimated cumulative waste placed =	429,156	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 =		3,173,678	109.4%

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	874,400	0	874,400
Geomembrane	874,400	0	874,400
Geocomposite	812,400	16,600	829,000

		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	4,560,838	4,151,232	88.8%	6,534,075	69.8%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Site traffic, trucks have the right of way. Look out for each other.
CAMU Day: Discussed: Site traffic, trucks have the right of way. Look out for each other.
Night shift CAMU & Eastside: Discussed: Tarping in windy conditions.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary

Monitored waste placement from the eastside to the CAMU on the day shift.
Monitored waste placement from the eastside to the CAMU on the night shift.
Monitored the installation of geosynthetics.
Monitored installation of final cover soils.

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

4-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.

Photo 2



CAMU: Phase IIIB.

Photo 3



CAMU: Phase I and Phase II, placing final cover soils.

Photo 4



CAMU: Phase I and Phase II, placing final cover soils.