

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Oct-09	446

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjait Sahu	sahuraj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard L Aubiner	Richard.L.aubiner@westonsolution.com	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	50			Precip. (in/hr)	0
				High	71	N	3 mph	Humidity (%)	0

[illegible]

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
Dan Street	QA Manager	Oversight	N
Jim Cox	QA/QC Supervisor	Oversight	Y
Rebecca Flynn	Engineer	Oversight	N
Shari Ivers	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	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 Rakivica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

[illegible]

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, Western Hook	- - - -
CAT 330 Excavator (1)	CAMU	- - - -
CAT 365 Excavator (1)	CAMU	- - - -
CAT 08 LSP Dozer (1)	Eastside	- - - -
Water Trucks (3)	Eastside	- - - -
Case backhoe	CAMU	- - - -
CAT 16H Grader	CAMU	- - - -
CAT 09 Dozer	Eastside	- - - -
Water Trucks (4)	CAMU	- - - -
CAT D-6 Dozer, (3)	CAMU	- - - -
CAT 14H Grader	CAMU	- - - -
Gradall, forklift	CAMU	- - - -
J.G.	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU, Phase 1	- - - -
Chasman 1400 Powerscreener	CAMU	- - - -

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		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
19	19.00
20	20.00
21	21.00
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38	38.00
39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
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45	45.00
46	46.00
47	47.00
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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

Day Shift:

- Continued excavating in PUB-8, stockpiling material.
- Continued excavating road south of PUC-6 and PUE-6, hauling material to Beta Ditch stockpile.
- CTR-3, loading out stockpiled material and hauling to Beta Ditch stockpile.
- WST-3, loading out stockpiled material and hauling to Beta Ditch stockpile.
- SC-1 and SW-4 excavating and scraping top of berms and slopes. Stockpiling material.
- Western Hook, continued excavating and loading OTR trucks, hauling to CAMU for placement.

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- Night Shift: - Hauled material from Beta Ditch, WST-3, and WST-4 stockpiles.			
CAMU Activity:			
- Day Shift - Phase IIIA, grading and rolling slopes, preparing for liner. - Continued placing material from Western Hook into Phase IIIB. - Extract monitored leachate in Phase I and Phase II.			
- Night Shift: - Placed material in Phase I, Phase II, Phase IIIB and Phase IV.			
Embankment - Phase 1 embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment, complete.			
Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (1.4) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (0.9) Water Pumped: (1,150 gal). 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).			
Inspections: CAMU: N/A. Eastside: Inspected perimeter fence, all secure.			

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

Phase I			
Previous Daily Cumulative =		314,886	cy
Operations layer placed (completed) for liner certification. = 21,662		0	cy
Daily Day shift waste placed today: (0) loads @ 20 cy/load (0 trucks) =		0	cy
Daily Night shift placed today: (8) loads @ 18cy/load (1) trucks =		144	cy
To Date Phase I estimated cumulative waste placed =		315,030	cy
Phase II			
Previous Daily Cumulative =		1,024,462	cy
Operations layer placed (completed) for liner certification. = 37,188			cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =			cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =			cy
Daily Night shift placed today: (207) loads @ 18cy/load (19) trucks =		3,726	cy
To Date Phase II estimated cumulative waste placed =		1,028,188	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 @ 18 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =			cy
To Date Phase IIIA estimated cumulative waste placed =		222,174	cy
Phase IIIB			
Previous Daily Cumulative =		214,902	cy
Operations layer placed (completed) for liner certification. = 21,978			cy
Daily Day shift waste placed today from: Western Hook (131) loads @ 18 cy/load (11) trucks =		2,358	cy
Daily Night shift waste placed today: (125) loads @ 18cy/load (19) trucks =		2,250	cy
To Date Phase IIIB estimated cumulative waste placed =		219,510	cy
Phase IV			
Previous Daily Cumulative =		113,832	cy
Operations layer placed (completed) for liner certification = 37,314			cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (7) loads @ 18cy/load (5) trucks =		126	cy
To Date Phase IV estimated cumulative waste placed =		113,958	cy
Phase V			
Previous Daily Cumulative =		40,284	cy
Operations layer placed (completed) for liner certification = 40,284			cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =			cy
To Date Phase V estimated cumulative waste placed =		40,284	cy

Cumulative Total To Date All Phases =		1,939,144	cy
Estimated Waste at Completion (cy)		2,400,000	
% Complete		80.8%	

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

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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 (\$f)	% 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	3,674,438	4,151,232	88.5%	6,534,075	56.2%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Fire Extinguisher usage.
CAMU Day: Discussed: Fire Extinguisher usage.
Night shift CAMU & Eastside: Discussed: Pinch Points.

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 during the Night shift.
Monitor waste placement into the CAMU of western hook material during the Day shift.
Monitor the installation of interim cover and grading for CAMU closure on phase IIIA.
Perform density testing as requested by Entact on Interim Cover.
Perform eastside waste sampling as needed.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Night shift incident, ATV rolled over inside CAMU, under investigation.

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

5-Oct-09

Signature _____

Weather Table

Sunny/Clear	☀
Sunny / Party 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



Western Hook.

Photo 2



CAMU: Phase IIIB.

Photo 3



CAMU: Phase IIIA.

Photo 4



CAMU: Phase IIIA.