

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Dec-09	519

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 I. Aubinger	Richard.I.aubinger@westonsolution.com	770-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	39			Precip. (in/Dy)	0
				High	58	N	5mph	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
Shawn Irwin		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	N
Brian Rakvica	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, CAMU and Galleria	- - -
CAT 330 Excavator (1)	CAMU	- - -
CAT 365 Excavator (1)	CAMU	- - -
CAT 08 LSP Dozer (1)	Eastside	- - -
Water Trucks (5)	Eastside	- - -
Case backhoe	CAMU	-
CAT 16H Grader	CAMU	-
CAT D9 Dozer	Eastside	-
Water Trucks (4)	CAMU	-
CAT D-6 Dozer, (3)	CAMU	-
CAT 14H Grader	CAMU	-
Gradall, forklift	CAMU	-
JLG	CAMU	-
Smooth drum Rollers, (3)	CAMU	-
Tenent Street Sweeper	Eastside and CAMU	-
Komatsu Loader	CAMU and Eastside.	-
Chelmin 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		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

WORK COMPLETED	
Description of Work Executed Today	
1	1.000
2	2.000
3	3.000
4	4.000
5	5.000
6	6.000
7	7.000
8	8.000
9	9.000
10	10.000
11	11.000
12	12.000
13	13.000
14	14.000
15	15.000
16	16.000
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97	97.000
98	98.000
99	99.000
100	100.000

Day Shift:

- Continued excavating and stockpiling material in PUB-9, PUC-8, CTR-1 and CTR-4.
- Continued final scrape of SW and HP Ponds, hauling material to Beta Ditch stockpile.
- Continued loading and hauling material in OTR trucks from SW-2, SW-3 berms and Southern rib berms to CAMU for placement.
- Galleria Scrape, continued scraping Parcels 10 and 4, loading and hauling material with OTR trucks to the CAMU for placement.

- **Night Shift:**
 - Hauled material from PIR-9, CTR-1, CTR-4, and Beta Ditch stockpiles

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- Hauled material from PUB-9, CTR-1, CTR-4, and Beta Ditch stockpiles.

CAMU Activity:

- Day Shift:

- Continued to place waste from Galleria and eastside into Phase V.
- Continued grading waste in Phase IIIB and Phase IV
- Continued to place interim cover on Phase IIIB.
- Continued finish grading interim cover on Phase I and Phase II.
- Continued power screening 1" and 6" minus soils from the 200,000cy stockpile.

- Night Shift:

- Placed material in Phase IIIB and Phase IV.

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).

Phase V: 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 fence perimeter: 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 =	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 =	414,935	cy
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/lld (0) trucks =		cy
Daily Night shift waste placed today: (234) loads @ 21cy/load (18) trucks =	4,914	cy
To Date Phase IIIB estimated cumulative waste placed =	419,849	cy

Phase IV

Previous Daily Cumulative =	315,365	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: (146) loads @ 21cy/load (17) trucks =	3,066	cy
To Date Phase IV estimated cumulative waste placed =	318,431	cy

Phase V

Previous Daily Cumulative =	240,398	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Galleria/Eastside (316) loads @ 17 cy/load (20) trucks =	5,372	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase V estimated cumulative waste placed =	245,770	cy

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	cy
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Cumulative Total To Date All Phases =	2,775,265	cy	Estimated Waste at Completion (cy)	2,800,000	% Complete	99.1%
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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			
GCL	558,653	0	558,653

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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	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

	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	4,068,952	4,151,232	98.0%	6,534,075	62.3%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Holiday drivers and defensive driving.
CAMU Day: Discussed: Holiday drivers and defensive driving.
Night shift CAMU & Eastside: Discussed: 10 hour safety training on 01-02-10.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement into the CAMU of Galleria and Eastside material on the day shift.
Monitored waste placement into the CAMU of Eastside material on the night shift.
Monitored placement of interim cover at the CAMU on the day shift.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Richard Laubinger, Construction Manager

18-Dec-09

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



CAMU: Phase I and Phase II interim cover.

Photo 2



CAMU: Phase I and Phase II interim cover.

Photo 3



CAMU: Phase IV, South slope.

Photo 4



CAMU: Phase I and Phase II east slope.