

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	13-Aug-09	394

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	720-641-8860

Conditions				Temp (F)		Wind		Add'l Readings	
AM	Sunny / Party Cloudy	PM	Sunny / Party Cloudy	Low	83			Precip. (in/Dy.)	0
				High	111	SW	13 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
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schradette	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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, ATC	Oversight	For NDEP	Y
Dook Kim, ATC	Field Observation	For AIG	N
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	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	- - -
Chelmin 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
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39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
44	44.00
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46	46.00
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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:

- WST-5 pond, continue excavating, loading and hauling to Beta ditch stockpile.
- PUF-5 pond and PUC-6 adjacent haul road continue excavating, loading and hauling to Beta ditch stockpile.
- PUE-7 pond, long stick excavator, excavating and stockpiling.
- D8 dozer continue discing/pushing up previously spread material in various ponds.
- Western hook, CAT 345 excavator continued scraping and stockpiling.
- Western hook, CAT 314 excavator continued shredding debris.

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- SW-12, pH: 6. - GES continued marking sampling points in parcel 7A.
- Night Shift: - Hauled material from Beta Ditch and PUC row stockpiles.
CAMU Activity:
- Day Shift - Phase IIIB and Phase IIIA, continued placing interim cover on North slopes, upper lifts. - Phase II and Phase IIB continued grading waste on slopes. - Phase V, continued grading subgrade, slopes and cell floor. - Phase V, ESI began to install geosynthetics. - 42" storm drain system pulled forms on headwall, and manholes. - 60" storm drain outlet from NW basin, continued installation. - Power screening continued 1" and 6" minus soils, at CAMU stockpile along clean haul road.
- Night Shift: - Placed material in Phase II and Phase IV.
Embankment - Phase 1 embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment, complete.
Sump/Vadose Monitoring: Phase 1: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water Pumped: (NA). Phase II: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water pumped: (NA). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Vadose: Measurement taken: (NA) Water Pumped: (NA)
Inspections: CAMU:

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

Phase I	
Previous Daily Cumulative =	291,398 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: (21) loads @ 18cy/load (4) trucks =	378 cy
To Date Phase I estimated cumulative waste placed =	291,776 cy
Phase II	
Previous Daily Cumulative =	845,470 cy
Operations layer placed (completed) for liner certification. = 37,188	0 cy
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	0 cy
Daily Night shift placed today: (96) loads @ 18cy/load (13) trucks =	1,728 cy
To Date Phase II estimated cumulative waste placed =	847,198 cy
Phase IIIA	
Previous Daily Cumulative =	222,174 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Operations layer placed (completed for liner certification = 21,276)	0 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
Phase IIIB	
Previous Daily Cumulative =	169,650 cy
Operations layer placed (completed) for liner certification. = 21,978	0 cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IIIB estimated cumulative waste placed =	169,650 cy
Phase IV	
Previous Daily Cumulative =	43,722 cy
Operations layer placed (completed) for liner certification = 37,314	0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (242) loads @ 18cy/load (18) trucks =	4,356 cy
To Date Phase IV estimated cumulative waste placed =	48,078 cy
Phase V	
Previous Daily Cumulative =	0 cy
Operations layer placed (completed) for liner certification. = ?	0 cy
Daily Day shift waste placed today: From ?? (0) loads @ 18 cy/load (0) trucks =	0 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase V estimated cumulative waste placed =	0 cy

		Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	1,578,876 cy	2,050,000	77.0%

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	0	50,000	50,000
Geomembrane	0	50,000	50,000
Geocomposite	0	0	0
Geotextile	0	0	0

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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
GC

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 (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	3,165,785	4,151,232	76.3%	6,534,075	48.5%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed visitors on site, GES, Converse, oversight, etc. watch out for them.
CAMU Day: Discussed ESI liner crew back watch out for them and visitors.
Night shift CAMU & Eastside: Discussed reading labels of cleaning agents before using them

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 on the night shift
Monitor subgrade preparation in Phase V.
Monitor grading waste on south slope in Phase II.
Monitor the placement of interim cover in Phase IIIA and Phase IIIB.
Monitor construction of stormwater manholes # 1,2&3. Also headwall.
Monitor the installation of geosynthetics in Phase V.

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

13-Aug-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 II, east, interim cover.

Photo 2



CAMU: Phase V.

Photo 3



CAMU: 60" RCP pipe, manhole tie-in.

Photo 4



CAMU: Phase V.