

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	29-Nov-09	500

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	Cloudy / Partly Sunny	PM	Cloudy	Low	34			Precip. (in/Dy)	0
				High	62	Wind	3mph	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	N
Rebecca Flynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	N
Cameron Liddell	QA/QC Tech	Oversight	N
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	N	

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	N
Devin Gordon, MGA	Oversight	For NDEP	N
Brian Rakivca	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 (3)	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	- - - -
J.G	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU and Eastside.	- - - -
Cheslain 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	

Eastside Mixing and Drying Activity:

Day Shift:
-No activities

-Night Shift:
- Hauled material from PUB-9, PUC-8 and the Beta Ditch stockpiles.

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CAMU Activity:

- **Day Shift**
- No activities

- **Night Shift:**
- Placed material in Phases IV and V.

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: NA.

Eastside: Fence perimeter inspected. 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 = 370,394 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: (0) loads @ 21cy/load (0) trucks = cy
To Date Phase IIIB estimated cumulative waste placed = 370,394 cy

Phase IV

Previous Daily Cumulative = 260,805 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: (275) loads @ 21cy/load (19) trucks = 5,775 cy
To Date Phase IV estimated cumulative waste placed = 266,580 cy

Phase V

Previous Daily Cumulative = 157,843 cy
Operations layer placed (completed) for liner certification = 40,284 cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks = cy
Daily Night shift waste placed today: (97) loads @ 21cy/load (19) trucks = 2,037 cy
To Date Phase V estimated cumulative waste placed = 159,880 cy

10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey 261,799 cy

Cumulative Total To Date All Phases = 2,726,118 cy

Estimated Waste at Completion (cy)	% Complete
2,800,000	97.4%

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			
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

HEALTH & SAFETY	
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
<p>1. Safety Inspections Conducted:</p> <ul style="list-style-type: none"> General safety inspection of the work area. Inspection of electrical equipment and wiring. Inspection of fire extinguishers and fire escape routes. Inspection of first aid kit and safety equipment. 	
<p>2. Health & Safety Actions Taken Today:</p> <ul style="list-style-type: none"> Revised safety protocols for handling hazardous materials. Conducted safety training for new employees. Implemented measures to improve ventilation in the laboratory. Conducted a fire drill. 	

Safety Topic:

Safety Topic:
Eastside Day: Discussed:
CAMU Day: Discussed:
Night shift CAMU & Eastside: Discussed starting off slow and staying focused after the long break.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

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 east side material during the night shift.
Attended the Health and Safety meetings provided by Entact.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Date Prepared

Signature _____

Chris White, Assistant Construction Manager

30-Nov-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



Eastside: SW-12 north berm removal

Photo 2



Eastside: Scrape behind SW-10

Photo 3



CAMU: Phase V waste placement.

Photo 4



CAMU: Track walking the first lift of cover soil on the south slope of Phase 2.