

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	03-Jul-09	354

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 / Partly Cloudy	PM	Cloudy / Partly Sunny	Low	85			Precip. (in/Dy)	0
				High	103	NE	11 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 Pynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schratte	QA/QC Tech	Oversight	Y

[illegible]

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	N
Brian Raklica	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	- - - -
JLG	CAMU	- - - -
Smooth drum Rollers, (3)	CAMU	- - - -
Tenent Street Sweeper	Eastside and CAMU	- - - -
Komatsu Loader	CAMU, Phase 1	- - - -
Chelton 1400 Powerscreener	CAMU	- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification		
					to date	Qty	Spec
GCL	CETCO	10	rolls	For CAMU, On site		2271	
Geocomposite	Agru	0	rolls	For CAMU, On site		2442	
Geomembrane	Agru	0	rolls	For CAMU, On site		568	

Description of Work Executed Today	
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<https://www.epa.gov/epahome>

Day Shift:

- SW-7 pond, continued loading out wet material, hauling and spreading to dry at HP-5.
- PUE-6 pond, excavated and stockpiled material.
- Beta ditch, continued power screening 1" & 6" minus soils.
- PUG-4 pond, excavated and hauled to Beta ditch stockpile.
- Continued excavating material from PUG-8 and PUF-7. Material was hauled to the Beta ditch stockpile.
- Discarded/pushed up dried material from SW-7 and SC-1 ponds into stockpiles for loadout.

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<div>- Western hook, continued loadout of stockpiles and transported by OTR trucks to CAMU, Phase II. - Sewer Realignment corridor, excavated a 50' X 50' area 2' depth to remove contamination using long stick excavator. - SW-12, pH: 6 - Night Shift: - No Activity. CAMU Activity: - Day Shift - SE-2, Silt trench, continued loading out waste and hauling to Phase II for placement. - Phase II, dozer and roller placing silt trench waste. - Phase V, continued grading the cell floor. - Phase V, removed brick and debris from North Slope, 3 ft beyond liner. - Extract measured water depth in Phase I Sump and Vadose zone, also Phase II Sump. - Phase IV, backfilling anchor trench. - Phase IV, ESI continued installing geosynthetics. - Night Shift: - No Activity. Embankment - Phase 1 embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment, complete. Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (2.80) Water Pumped: (N/A). Vadose: Measurement taken: (0.60) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (0.9) Post pump measurement. Water Pumped: (595 gal) Vadose: Measurement taken: (NA) Water pumped: (N/A). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A) Inspections: CAMU I- Western monitored sumn across</div>			

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

Phase I			
Previous Daily Cumulative =		291,200	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: 0 loads @ 18cy/load (0 trucks) =		0	cy
To Date Phase I estimated cumulative waste placed =		291,200	cy
Phase II			
Previous Daily Cumulative =		792,478	cy
Operations layer placed (completed) for liner certification. =	37,188		cy
Daily Day shift waste placed today: Western Hook (92) loads @ 18 cy/load (10) trucks =		1,656	cy
Daily Day shift waste placed today: Silt Trenches, (74) loads @ 18cy/load (4) trucks =		1,332	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =			cy
To Date Phase II estimated cumulative waste placed =		795,466	cy
Phase IIIA			
Previous Daily Cumulative =		217,188	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: From Phase IIIB. (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 =		217,188	cy
Phase IIIB			
Previous Daily Cumulative =		42,894	cy
Operations layer placed (completed) for liner certification. = 21,978			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 IIIB estimated cumulative waste placed =		42,894	cy
Phase IV			
Previous Daily Cumulative =		3,888	cy
Operations layer placed directly in Phase IV today: (0) loads @ 18 cy/load (0) trucks =			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 IV estimated cumulative waste placed =		3,888	cy
Phase V			
Previous Daily Cumulative =			cy
Operations layer placed (completed) for liner certification. = ?			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 =		0	cy

Cumulative Total To Date All Phases =		1,350,636	cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	65.9%
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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	291,000	35,000	326,000
Geomembrane	291,000	35,000	326,000
Geocomposite	180,000	70,000	250,000
Geotextile	0	0	0
Phase V			
GCL	0	0	0
Geomembrane	0	0	0
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

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	2,981,843	4,151,232	71.8%	6,534,075	45.6%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed fire works safety on the forth of July.
CAMU Day: Discussed fire works safety on the forth of July.
Night shift CAMU & Eastside: No activity.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitor waste placement of silt trench materials into the CAMU, Phase II on the day shift.
Monitor backfill operations in Phase IV and Phase V on the day shift.
Monitor subgrade preparation in Phase IV and Phase V on the day shift.
Monitor the installation of geosynthetics in Phase IV.
Continue updating project documents to facilitate reporting.
Inventory incoming geosynthetics, (10) rolls of GCL.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

3-Jul-09

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



Eastside: Western Hook loadout.

Photo 2



CAMU: Phase IV, liner installation.

Photo 3



CAMU: Phase IV, Liner installation..

Photo 4



CAMU: Phase IV Liner installation.