

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	11-Sep-09	422

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/Clear	PM	Sunny / Party Cloudy	Low	79	Precip. (in/hr)	0
				High	106	NE	7 mph
Additional Weather Comments							

[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
Stuart Irwin	QA/QC Tech	N Oversight	Y
Roland Derostier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Kath Schwalke	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y

Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	
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, MGA	Oversight	For NDEP	Y
Brian Rakivca	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

[illegible][illegible]

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		2448		
Geomembrane	Agru	0	rolls	For CAMU, On site		552		

Eastside Mixing and Driving Activity:

Day Shift,

- PUD-6, excavating pond and road, loading and hauling material to Beta Ditch stockpile.
- PUE-8 & 6, excavator loading out OTR trucks and 40 ton trucks, hauling to CAMU and Beta Ditch stockpile.
- PUB-8/9, excavator along sewer alignment, loading and hauling to the Beta Ditch stockpile.
- PUC-8, stockpiling.
- WST-5, excavating, loading and hauling to SC-1 and SW-7, spreading out for drying.

- Western Hook, excavator continued stockpiling.

- Gravel pits, excavator continued hauling OTR trucks from DI-E, F, G and Beta Ditch stockpile to CAMU 1 Phase II for placement

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	11-Sep-09	422

- Eastside day hauling continued with OTR trucks from PUE-5 & 6 and Beta Ditch stockpile to CAMU, Phase II for placement.
- Night Shift:
- Hauled material from Beta Ditch, 1" & 6" minus operations layer material and WST- 5 stockpile.
CAMU Activity:
- Day Shift:
- Phase V, Pushed out and placed operations layer.
- Phase V, continue backfilling anchor trench.
- Phase V, placed rock and fabric on 4" LCRS pipe, also Phase V sump area.
- Phase II, placed eastside waste material, hauled by OTR trucks.
- Power screener continued screening 1" and 6" minus soils, north berm, along clean haul rd.
- Extract measured depth of liquid in Phase I LCRS sump and Vadose zone, also Phase II LCRS sump.
- Night Shift:
- Continued placing operations layer material in Phase V.
- Placed waste material in Phase I and Phase II.
Embankment
- Phase I embankment, complete.
- Phase 1 estimated cumulative embankment placed:
- Phase II embankment , complete.
Sump/Vadose Monitoring:
Phase I: LCRS Sump: Measurement taken: (2.8) Water Pumped : (N/A).
Vadose: Measurement taken: (0.6) Water Pumped: (N/A).
Phase II: LCRS Sump: Measurement taken: (2.7) 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).
Inspections: CAMU: N/A.
Fieldnote: 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 =	311,934 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scrape & Phase IIIB trench excavation. 0 loads @ 21 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: (25) loads @ 18cy/load (8) trucks =	450 cy
To Date Phase I estimated cumulative waste placed =	312,384 cy
Phase II	
Previous Daily Cumulative =	927,622 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: Eastside Waste, (112) loads @ 18cy/load (11) trucks =	2,016 cy
Daily Night shift placed today: (211) loads @ 18cy/load (19) trucks =	3,798 cy
To Date Phase II estimated cumulative waste placed =	933,436 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 =	178,416 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 =	178,416 cy
Phase IV	
Previous Daily Cumulative =	76,770 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: (0) loads @ 18cy/load (0) trucks =	0 cy
To Date Phase IV estimated cumulative waste placed =	76,770 cy
Phase V	
Previous Daily Cumulative =	37,782 cy
Operations layer placed: (139) loads @ 18cy/load (19) trucks =	2,502 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 =	40,284 cy

	Estimated Waste at Completion (cy)	% Complete
Cumulative Total To Date All Phases =	1,763,464 cy	86.0%

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	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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Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	11-Sep-09	422

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 loaded trucks have the right of way, unless they are both loaded, OTR trucks have right of way.
CAMU Day: Discussed loaded trucks have the right of way, especially entering the CAMU area.
Night shift CAMU & Eastside: Safety communication.

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 eastside material during the day shift.
- Monitor the installation of operational fill in Phase V on the night shift.
- Monitor the installation of operational fill in Phase V on the day shift.
- Monitor the backfilling of anchor trench in Phase V.
- Monitor the installation of the LCRS pipe system 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

11-Sep-09

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



CAMU: Phase V.

Photo 2



CAMU: Phase V.

Photo 3



CAMU: Phase V.

Photo 4



Phase V.