

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Nov-09	491

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	720-641-5866

Conditions				Temp (°F)	Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low: 40		Precip. (in/dy)	0
				High: 69	NE 6mph	Humidity (%)	0
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 Pynn	Engineer	Oversight	N
Stuart 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	Y
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.	-
Cheliant 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:

- Continued excavating and disposal in PUB-9, PUC-8, HP ponds.
- Continued final scrape of SW, CTR and WST ponds, along with haul rds. Hauling material to Beta Ditch stockpile.
- Continued hauling material to CAMU in OTR trucks for placement from the SW barrels.
- Galleria scrape, continued scraping in Parcel 10 and hauled material to CAMU in OTR trucks.

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- Night Shift: - Hauled material from PUB-9, HP-2/3 and Beta Ditch stockpiles.			
CAMU Activity:			
- Day Shift - Placed material from Galleria and Eastside into Phase V. - Continued grading waste in Phase I, Phase II and Phase IIIB. - ESI continued installing geosynthetics on west slope of Phase II. - Phase II, continued placing final cover soil on south slope. - Continued powerscreening the 200,000 cy stockpile.			
- Night Shift: - Placed material in Phase II, 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: 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 =	1,072,321 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: (4) loads @ 21 cy/load (1) trucks =	84 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 =	354,119 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: (190) loads @ 21cy/load (18) trucks =	3,990 cy
To Date Phase IIIB estimated cumulative waste placed =	358,109 cy
Phase IV	
Previous Daily Cumulative =	235,836 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: (184) loads @ 21cy/load (18) trucks =	3,864 cy
To Date Phase IV estimated cumulative waste placed =	239,700 cy
Phase V	
Previous Daily Cumulative =	110,775 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Galleria/Eastside (307) loads @ 17 cy/load (20) trucks =	5,219 cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase V estimated cumulative waste placed =	115,994 cy
10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey	261,799 cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion	
	(cy)	% Complete
	2,643,067 cy	2,700,000 97.9%

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

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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	385,000	12,000	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: Cell phones.
CAMU Day: Discussed: Cell phones.
Night shift CAMU & Eastside: Discussed: Slowing down in the CAMU.

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 Galleria and Eastside material during the day shift.
Monitor waste placement into the CAMU of Eastside material during the night shift.
Monitor the installation of and grading of final cover soils for CAMU Closure.
Monitor waste slope grading in CAMU.
Monitor the installation of geosynthetics.
Perform eastside waste sampling as requested by Entact.

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

19-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



CAMU: Phase V.

Photo 2



CAMU: Phase II, southwest corner.

Photo 3



Eastside: Galleria Scrape.

Photo 4



CAMU: Phase II.