

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	14-Jan-10	541

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 / Partly Cloudy	PM	Sunny / Partly Cloudy	Low 37		Precip. (in/hr)	0
				High 61	NE 16mph	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		Y
Rebecca Flynn		Engineer	Oversight		N
Samon Littlefield		QA/QC Tech	Oversight		Y
Graciano Malina		QA/QC Tech	Oversight		Y
Victor Heredia		QA/QC Tech	Oversight		Y
John Duncan		QA/QC Tech	Oversight		Y

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Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Brian Rakivica	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 D6 LGP Dozer (1)		Eastside	-	-	-
Water Trucks (5)		Eastside	-	-	-
Case backhoe		CAMU	-	-	-
CAT 16H Grader		CAMU	-	-	-
CAT D8 Dozer		Eastside	-	-	-
Water Trucks (4)		CAMU	-	-	-
CAT D-6 Dozer, (3)		CAMU	-	-	-
CAT 14H Grader		CAMU	-	-	-
Grashtail, forklift		CAMU	-	-	-
JLG		CAMU	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-
Komatsu Loader		CAMU and Eastside.	-	-	-
Cherlain 1400 Powerscreener		CAMU	-	-	-

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		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

Eastside Mixing and Drying Activity:

Day Shift:

- HP, CTR and SW ponds, continued final scrape, loading and hauling to Beta ditch stockpile.
- Beta ditch, running north and south, continued scraping/lor, hauling to Beta ditch stockpile.
- HP berm, loading OTR day trucks and hauling to CAMU, Phase V for placement.
- Galleria scrape, continued loading OTR day trucks from Parcel 4, hauling to CAMU, Phase V for placement.

Night Shift:

- HP, CTR and SW ponds, continued final scrape, loading and hauling to Beta Ditch stockpile.

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- Hauled material from Beta Ditch stockpiles.			
CAMU Activity:			
- Day Shift:			
- Continued placing material from Eastside and Galleria in Phase V.			
- Continued finish grading interim cover on west slope of Phase I, Phase II and Phase IIIB.			
- Power screening 1" and 6" minus soils at 200,000 cy stockpile.			
- Graded waste in Phase IV and Phase V.			
- Phase IIIB, grading north slope.			
- ESI liner crew, installing geocomposite on east slope and top of Phase II and Phase I.			
- Continued final grading and rolling Phase IIIA.			
- Night Shift:			
- Placed material in Phase IV and Phase V.			
Embankment			
- Phase 1 embankment, complete.			
- Phase 1 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: N/A			

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 =	439,547	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 =	439,547	cy
Phase IV		
Previous Daily Cumulative =	428,408	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: (78) loads @ 21cy/load (13) trucks =	1,638	cy
To Date Phase IV estimated cumulative waste placed =	430,046	cy
Phase V		
Previous Daily Cumulative =	318,997	cy
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Eastside and Galleria (127) loads @ 17 cy/load (14) trucks =	2,159	cy
Daily Night shift waste placed today: (296) loads @ 21cy/load (19) trucks =	6,216	cy
To Date Phase V estimated cumulative waste placed =	327,372	cy
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion	
	(cy)	% Complete
	2,988,180	103.0%

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

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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 201

GCL	602,514	28,000	630,514
Geomembrane	602,514	28,000	630,514
Geocomposite	397,000	90,000	487,000

		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	4,304,952	4,151,232	103.7%	6,534,075	65.9%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed: Radio communication and etiquette.
CAMU Day: Discussed: Radio communication and etiquette
Night shift CAMU & Eastside: Discussed: Equipment inspection at the start of the shift.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement into the CAMU of eastside and Galleria material on the day shift.
Monitored waste placement into the CAMU of eastside material on the night shift.
Monitored the placement of interim cover and perform density testing on the day shift.
Monitored the compaction and final grading of the final cover on the day shift.
Monitored the installation of geosynthetics on Phase I and Phase II.

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

14-Jan-10

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: Galleria scrape, Parcel 14.

Photo 2



CAMU: Phase I and Phase II, east slope. Geocomposite liner placement.

Photo 3



CAMU: Phase I and Phase II, east slope geocomposite layer.

Photo 4



CAMU: Crushed rock. At 200,000 cy stockpile.