

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Oct-09	463

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:lfarris@landwellco.com">lfarris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-8586
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution.com">Richard.Laubinger@westonsolution.com</a>	720-641-5866

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	56			Precip. (in/Dy)	0
				High	78	N	9mph	Humidity (%)	0

[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
Shawn 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 Rakivica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
PBS&J, Survey	Surveyors	Survey	N

[illegible]

Equipment	Vender / Tag No.	Work Performed
CAT D400E Dump Truck (10)	CAMU	- - -
JD D400 Dump Trucks (10)	Eastside	- - -
CAT 324D long stick excavator	Eastside	- - -
CAT 68R Dozer with disc, (1)	Eastside	- - -
CAT 345 excavators, (9)	Eastside, CAMU and Galleria	- - -
CAT 330 Excavator (1)	CAMU	- - -
CAT 365 Excavator (1)	CAMU	- - -
CAT D6 LGP Dozer (1)	Eastside	- - -
Water Trucks (3)	Eastside	- - -
Case backhoe	CAMU	- - -
CAT 16H Grader	CAMU	- - -
CAT D8 Dozer	Eastside	- - -
Water Trucks (4)	CAMU	- - -
CAT D-6 Dozer, (3)	CAMU	- - -
CAT 14-H Grader	CAMU	- - -
Gradall, forklift	CAMU	- - -
JLG	CAMU	- - -
Smooth drum Rollers, (3)	CAMU	- - -
Tenert 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
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	

WORK COMPLETED	
Description of Work Executed Today	
1	1.00
2	2.00
3	3.00
4	4.00
5	5.00
6	6.00
7	7.00
8	8.00
9	9.00
10	10.00
11	11.00
12	12.00
13	13.00
14	14.00
15	15.00
16	16.00
17	17.00
18	18.00
19	19.00
20	20.00
21	21.00
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41	41.00
42	42.00
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89	89.00
90	90.00
91	91.00
92	92.00
93	93.00
94	94.00
95	95.00
96	96.00
97	97.00
98	98.00
99	99.00
100	100.00

- Continue excavating in PUC-8 and PUD-9, load and haul material to Beta Ditch stockpile.
- Continued excavating and stockpiling material in PUB-9 and PUC-8.
- Continued excavating berms and slopes SW-4.
- Continued excavating in CTR-2, hauling material to Beta Ditch stockpile.
- Hauling material to CAMU from HP-2 and HP-3 berms with OTR trucks.
- Galleria Scrape, continued scraping, stockpiling and loading onto OTR trucks and hauling to CAMU.

DAILY PRODUCTION & QUALITY CONTROL REPORT			
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<div><div>- Night Shift:</div><div>- Hauled material from PUB-9 and Beta Ditch stockpiles.</div><div>CAMU Activity:</div><div>- Day Shift</div><div>- Grading and rolling south slope on Phase II.</div><div>- Grading waste in Phase I and Phase II and Phase IV.</div><div>- Placing waste from Galleria and Eastside into Phase I and Phase IIIB.</div><div>- ESI continued deploying geosynthetics on Phase IIIA.</div><div>- Jensen concrete contractor, forming concrete walls around Phase I, Phase II, Phase IIIB and Phase V sump areas.</div><div>- Night Shift:</div><div>- Placed material in Phase I, Phase IIIB and Phase IV.</div><div>Embankment</div><div>- Phase I embankment, complete.</div><div>- Phase 1 estimated cumulative embankment placed:</div><div>- Phase II embankment , complete.</div><div>Sump/Vadose Monitoring:</div><div>Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div><div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase V: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).</div><div>Inspections: CAMU: N/A.</div></div>			
Fastlane: Inspected perimeter fence. 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 =	329,124 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (126) loads @ 20 cy/load (20) trucks =	2,268 cy
Daily Night shift placed today: (15) loads @ 18cy/load (1) trucks =	270 cy
To Date Phase I estimated cumulative waste placed =	331,662 cy
Phase II	
Previous Daily Cumulative =	1,035,748 cy
Operations layer placed (completed) for liner certification. = 37,188	cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 18 cy/load (0) trucks =	cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase II estimated cumulative waste placed =	1,035,748 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 @ 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 =	222,174 cy
Phase IIIB	
Previous Daily Cumulative =	286,674 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed from: Galleria/Eastside (122) loads @ 18 cy/l'd (20) trucks =	2,196 cy
Daily Night shift waste placed today: (122) loads @ 18cy/load (16) trucks =	2,196 cy
To Date Phase IIIB estimated cumulative waste placed =	291,066 cy
Phase IV	
Previous Daily Cumulative =	156,096 cy
Operations layer placed (completed) for liner certification = 37,314	cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (231) loads @ 18cy/load (18) trucks =	4,158 cy
To Date Phase IV estimated cumulative waste placed =	160,254 cy
Phase V	
Previous Daily Cumulative =	49,266 cy
Operations layer placed (completed) for liner certification = 40,284	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 =	49,266 cy

Cumulative Total To Date All Phases =	Estimated Waste at	
	Completion	% Complete
	(cy) 2,400,000	87.1%

Geosvnthetics 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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<b>BMI North</b>			
GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468

<b>BMI South</b>			
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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<b>CAMU Cover</b>			
GCL	192,800	12,700	205,500
Geomembrane	192,800	12,700	205,500
Geocomposite	0	0	<u>0</u>

		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	3,879,938	4,151,232	93.5%	6,534,075	59.4%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed: Excavator swing radius.  
CAMU Day: Discussed: Excavator swing radius.  
Night shift CAMU & Eastside: Discussed: Untarping truckloads safely.

## 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 interim cover for CAMU closure.  
Monitor waste regrading at the CAMU on the day shift.  
Monitor the installation of geosynthetics at Phase IIIA Closure.  
Perform density testing as requested by Entact on interim cover. No request today.  
Perform eastside waste sampling as requested by Entact. No request today.

### 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**

22-Oct-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



Eastside: Dry ponds.

Photo 2



CAMU: Phase IIIA.

Photo 3



CAMU: Phase IIIA.

Photo 4



Eastside: Dry ponds.