

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Nov-09	477

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	Ranjait Sahu	<a href="mailto:sahuraj@earthlink.net">sahuraj@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-5886
Construction Manager	Richard L Aubiner	<a href="mailto:Richard.L.aubiner@westonsolution.com">Richard.L.aubiner@westonsolution.com</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low	53			Precip. (in/Dy)	0
				High	81	S	7mph	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 Flynn	Engineer	Oversight	N
Shari Ivers	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.	- - - -
Cheslain 1400 Powerscreeener	CAMU	- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tag
GCL	CETCO	0	rolls	For CAMU, On site		2271		
Geomcomposite	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
22	22.00
23	23.00
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25	25.00
26	26.00
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31	31.00
32	32.00
33	33.00
34	34.00
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36	36.00
37	37.00
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39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
44	44.00
45	45.00
46	46.00
47	47.00
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86	86.00
87	87.00
88	88.00
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

**Day Shift:**

- Continued excavating and stockpiling material in PUA-10, CTR-2 and CTR-3.
- Continued excavating and loading out HP-5 and HP-4 berms in OTR trucks, hauling to CAMU for placement.
- Continued final scraping excavation at WST-5, WST-4 and WST-3, loading and hauling to the Beta Ditch stockpile.
- Continued final scraping and loading at SW ponds then hauling to beta stockpile.
- Galleria scrape, continued scraping and loading OTR trucks, hauling to CAMU for placement.

1. **Introduction**

DAILY PRODUCTION & QUALITY CONTROL REPORT			
Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Nov-09	477

<b>- Night Shift:</b> - Hauled material from PUB-9, CTR-2 and Beta Ditch stockpiles.			
<b>CAMU Activity:</b> <b>- Day Shift</b> - Placed material from Galleria and Eastside into Phase I. - Continued grading and rolling west slope on Phase II. - Phase IIIA, continued placing cover soil on geocomposite. - 200,000 cy stockpile, continued screening operation. <b>- Night Shift:</b> - Placed material in Phase II, Phase IIIB, Phase IV and Phase V.			
<b>Embankment</b> - Phase I embankment, complete. - Phase I estimated cumulative embankment placed: - Phase II embankment, complete.			
<b>Sump/Vadose Monitoring:</b> 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).			
<b>Inspections:</b> CAMU: N/A.  Eastside: Inspected perimeter fence: All secure.			

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

<b>Phase I</b>			
Previous Daily Cumulative =		357,928	cy
Operations layer placed (completed) for liner certification. = 21,662		0	cy
Daily Day shift waste placed today: Galleria/Eastside, (285) loads @ 17 cy/load (20) trucks =		4,845	cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		210	cy
<b>To Date Phase I estimated cumulative waste placed =</b>		<b>362,773</b>	<b>cy</b>
<b>Phase II</b>			
Previous Daily Cumulative =		1,058,062	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: (10) loads @ 21 cy/load (1) trucks =		210	cy
<b>To Date Phase II estimated cumulative waste placed =</b>		<b>1,058,272</b>	<b>cy</b>
<b>Phase IIIA</b>			
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
<b>To Date Phase IIIA estimated cumulative waste placed =</b>		<b>222,174</b>	<b>cy</b>
<b>Phase IIIB</b>			
Previous Daily Cumulative =		308,187	cy
Operations layer placed (completed) for liner certification. = 21,978			cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (167) loads @ 21cy/load (17) trucks =		3,507	cy
<b>To Date Phase IIIB estimated cumulative waste placed =</b>		<b>311,694</b>	<b>cy</b>
<b>Phase IV</b>			
Previous Daily Cumulative =		206,898	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: (190) loads @ 21cy/load (21) trucks =		3,990	cy
<b>To Date Phase IV estimated cumulative waste placed =</b>		<b>210,888</b>	<b>cy</b>
<b>Phase V</b>			
Previous Daily Cumulative =		74,830	cy
Operations layer placed (completed) for liner certification = 40,284			cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks =			cy
Daily Night shift waste placed today: (10) loads @ 21cy/load (6) trucks =		210	cy
<b>To Date Phase V estimated cumulative waste placed =</b>		<b>75,040</b>	<b>cy</b>

<b>Cumulative Total To Date All Phases =</b>		<b>2,240,841</b>	<b>cy</b>	<b>Estimated Waste at Completion (cy)</b>	<b>% Complete</b>
				2,700,000	83.0%

**Geosynthetics Placed**

	Previous	Placed	Cumulative Placed
<b>Phase I (complete)</b>			
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
<b>Phase II (complete)</b>			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
<b>Phase IIIA</b>			
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
<b>Phase IIIB</b>			
GCL	340,535	0	340,535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
<b>Phase IV</b>			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
<b>Phase V</b>			
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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6389	BRC Eastside Common Areas Soils Remediation	05-Nov-09	477

**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	205,500	0	205,500
Geomembrane	205,500	0	205,500
Geocomposite	205,500	0	205,500

		Total Geosynthetics for CAMU Basic Scope	% 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: Seatbelts, Stay focused.  
CAMU Day: Discussed: Seatbelts, Stay focused.  
Night shift CAMU & Eastside: Discussed: Electrical Hazards.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

**Daily CQA Summary.**

**Daily Work 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 cover soil for CAMU closure on Phase IIIA.
- Perform density testing as requested by Entact.
- 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

**Richard Laubinger, Construction Manager**

Date Prepared

5-Nov-09

Signature \_\_\_\_\_

### 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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<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	05-Nov-09	<b>477</b>

### DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIA.

Photo 2



CAMU: Phase I.

Photo 3



CAMU: Phase I.

Photo 4



CAMU: Phase IIIA.