

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Jul-09	368

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 Aubinger	<a href="mailto:Richard.L.aubinger@westonsolution.net">Richard.L.aubinger@westonsolution.net</a>	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny / Partly Cloudy	PM	Sunny / Partly Cloudy	Low	89			Precip. (in/dy)	0
				High	115	S	10 mph	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 Pynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derostier	QA/QC Tech	Oversight	N
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schratte	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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Linear Inspector,	N
Devin Gordon, MGA	Oversight	For NDEP	N
Dock Kim, ATC	Field Observation	For AIG	N
Brian Raklica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
PBS&J, Survey	Surveyors	Survey, 7A	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 and CAMU, Western Hook	-	-	-
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 14H Grader		CAMU	-	-	-
Grashtail, forklift		CAMU	-	-	-
JLG		CAMU	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-
Tenest Street Sweeper		Eastside and CAMU	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-
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		

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
24	24.00
25	25.00
26	26.00
27	27.00
28	28.00
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31	31.00
32	32.00
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34	34.00
35	35.00
36	36.00
37	37.00
38	38.00
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
48	48.00
49	49.00
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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:**

- PUF-3 pond, excavating and loaded out, hauled to Beta ditch stockpile.
- SW-12 pond, continued mixing lime and water with long stick excavator. Loading out, hauling to CTR ponds to dry.
- PUF-4 pond, continue loadout, hauling to Beta ditch stockpile.
- PUE-6 pond, continue stockpiling.
- Western Hook, continued loading out material and hauling to CAMU, Phase IIIB.
- D8 dozer mixing material for drying.

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<div>- SW-12 pH: 6.</div> <div>- <b>Night Shift:</b></div> <div>- No Activity.</div> <div>CAMU Activity:</div> <div>- <b>Day Shift</b></div> <div>- Phase IV, push out operations layer.</div> <div>- Phase IIIA, grading waste on north slopes.</div> <div>- Scrape dirty haul road east of Phase V.</div> <div>- Continue grading Phase V.</div> <div>- Phase V, excavating east end hauling to SE-1, Silt trench for backfilling operation.</div> <div>- RCP Storm pipe installation continued west from manhole # 3.</div> <div>- <b>Night Shift:</b></div> <div>- No Activity.</div> <div>Embankment</div> <div>- Phase 1 embankment, complete.</div> <div>- Phase 1 estimated cumulative embankment placed:</div> <div>- Phase II embankment, complete.</div> <div>Sump/Vadose Monitoring: 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>Inspections: CAMU: Weston monitored sump access. N/A.</div> <div>Eastside: Inspected perimeter fence, All secure.</div>			

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 =	291,200 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 cy
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	0 cy
To Date Phase I estimated cumulative waste placed =	291,200 cy
<b>Phase II</b>	
Previous Daily Cumulative =	812,872 cy
Operations layer placed (completed) for liner certification. = 37,188	cy
Daily Day shift waste placed today: () loads @ 18 cy/load () trucks =	cy
Daily Day shift waste placed today: Silt Trenches, (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 =	812,872 cy
<b>Phase IIIA</b>	
Previous Daily Cumulative =	217,188 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: From Phase IIIB. (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 =	217,188 cy
<b>Phase IIIB</b>	
Previous Daily Cumulative =	88,884 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed today: From, Western Hook, (69) loads @ 18 cy/load (10) trucks =	1,242 cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IIIB estimated cumulative waste placed =	90,126 cy
<b>Phase IV</b>	
Previous Daily Cumulative =	27,612 cy
Operations layer placed directly in Phase IV today: (232) loads @ 18 cy/load (18) trucks =	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 IV estimated cumulative waste placed =	27,612 cy
<b>Phase V</b>	
Previous Daily Cumulative =	cy
Operations layer placed (completed) for liner certification. = ?	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 =	0 cy

Cumulative Total To Date All Phases =		1,438,998 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	70.2%
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Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Placed
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	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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**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	3,115,785	4,151,232	75.1%	6,534,075	47.7%

## HEALTH & SAFETY

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

**Safety Topic:**

Eastside Day: Discussed communication and skin protection.

CAMU Day: Discussed communication and skin protection.

Night shift CAMU & Eastside: No Activity.

## 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 materials on the day shift.

Monitored the installation of operational fill in Phase IV on the day shift..

Monitor backfilling of slit trenches in Phase V on the day shift.

Monitor the excavation and construction of stormwater piping and manholes.

### 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

18-Jul-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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### DAILY PHOTO LOG

Photo 1



CAMU: Phase V.

Photo 2



CAMU: RCP, Stormdrain system installation.

Photo 3



CAMU: Phase IV, operations layer.

Photo 4



CAMU: SE-1, slit trench backfill.