

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	28-Aug-09	409

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/Clear	PM	Sunny/Clear	Low	82			Precip. (in/hr)	0
				High	113	S	6 mph	Humidity (%)	0

[illegible]

Employee / Supervisor		Trade / Work Performed		Y/N
Name	Position	Name	Position	
Greg Corcoran	Design Engineer	Oversight	Engineer	N
Dan Street	QA Manager	Oversight	Engineer	N
Jim Cox	QA/QC Supervisor	Oversight	Engineer	N
Rebecca Flynn	Engineer	Oversight	Engineer	N
Shawn Irwin	QA/QC Tech	Oversight	Engineer	Y
Roland Derostier	QA/QC Tech	Oversight	Engineer	Y
Camron Liddell	QA/QC Tech	Oversight	Engineer	Y
Keith Schratle	QA/QC Tech	Oversight	Engineer	Y

[illegible]

Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Linear Inspector,	Y
Devin Gordon, MGA	Overnight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Brian Raklica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear 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 and CAMU, Western Hook	- - - -
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 09 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, Phase 1	- - - -
Chesham 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
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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

**Day Shift:**

- PUE-3, PUE-4 and PUE-5, scraping road on south side, loading and hauling material to the Beta Ditch stockpile.
- SW-12, loading and hauling material to HP-5, spreading out for drying.
- PUC-7, excavating and stockpiling.
- D8 dozer discing various wet ponds.
- Beta Ditch, powerscreening 1" and 6" minus soils continued.
- Western Hook, continue loading out OTR trucks and hauling to the CAMU for placement.

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- SW-12, pH: 6.			
- <b>Night Shift:</b>			
- Hauled material from Beta Ditch and PUC row stockpiles.			
<b>CAMU Activity:</b>			
- <b>Day Shift</b>			
- Phase V, continued backfilling anchor trench.			
- Phase V, ESI liner crew continued installing geocomposite.			
- Phase V, pushed out operations layer material.			
- Storm drain system 60", worked on subgrade for trash rack at Headwall #3.			
- Placed waste material from Western hook into Phase II.			
- Electricians continued setting control panels for leachate pumps.			
- Entact measured water depth in Phase I LCRS Sump and Phase I Vadose zone. Also Phase II LCRS Sump.			
- <b>Night Shift:</b>			
- Placed material in Phase I and Phase II.			
- Phase V, continued placing 1" minus operations layer.			
<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: (2.6) Water Pumped: (N/A).			
Vadose: Measurement taken: (0.6) Water Pumped: (N/A).			
Phase II: LCRS Sump: Measurement taken: (2.8) Water Pumped: (N/A).			
Vadose: Measurement taken: (NA) Water pumped: (N/A).			
Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A).			
Vadose: Measurement taken: (NA) Water Pumped: (N/A).			
<b>Inspections:</b> CAMU: N/A.			

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 =		311,862	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 =			
To Date Phase I estimated cumulative waste placed =		311,862	cy
<b>Phase II</b>			
Previous Daily Cumulative =		879,310	cy
Operations layer placed (completed) for liner certification. = 37,188			cy
Daily Day shift waste placed today: From Western Hook (127) loads @ 18 cy/load (10) trucks =		2,286	cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =			cy
Daily Night shift placed today: (220) loads @ 18cy/load (18) trucks =		3,960	cy
To Date Phase II estimated cumulative waste placed =		885,556	cy
<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 =			
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 =		222,174	cy
<b>Phase IIIB</b>			
Previous Daily Cumulative =		176,328	cy
Operations layer placed (completed) for liner certification. = 21,978			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 IIIB estimated cumulative waste placed =		176,328	cy
<b>Phase IV</b>			
Previous Daily Cumulative =		70,038	cy
Operations layer placed (completed) for liner certification = 37,314			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 =		70,038	cy
<b>Phase V</b>			
Previous Daily Cumulative =		6,300	cy
Operations layer placed: (166) loads @ 18cy/load (19) trucks =		2,988	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 =		9,288	cy

Cumulative Total To Date All Phases =		1,675,246	cy
Estimated Waste at Completion (cy)		2,050,000	
% Complete		81.7%	

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	420,000	30,000	450,000
Geomembrane	420,000	30,000	450,000
Geocomposite	240,000	60,000	300,000
Geotextile	0	0	0



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Headwall #3.

Photo 2



CAMU: Phase IIIB.

Photo 3



CAMU: Phase V.

Photo 4



CAMU: Phase V.