

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	10-Jul-09	360

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, on site.	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjait Sahu, on site.	sahuraj@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard L Aubiner	Richard.L.aubiner@westonsolutions.com	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Sunny/Clear	PM	Sunny / Party Cloudy	Low	84			Precip. (in/Dy)	0
				High	109	S	11 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	N
Rebecca Pynn	Engineer	Oversight	N
Stuart Irwin	QA/QC Tech	Oversight	N
Roland Derostier	QA/QC Tech	Oversight	Y
Camron Liddell	QA/QC Tech	Oversight	Y
Victor Henada	QA/QC Tech	Oversight	Y
Keith Stridale	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	N
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y

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	N
Brian Rakusa	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
PBS&J, Survey	Surveyors	Survey,	N

Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Contact	Project Manager	N
Jeremy Schissler	Contact	Acting Project Manager	Y
Josh Carroll	Contact	Aast Project Manager	Y
Michael Carlson	Contact	Engineer	Y
Joe Curllis, Day	Contact	Health & Safety Officer	Y
Timothy Slaid, Day	Contact	Health and Safety Officer	N
Roger Wagner, Night	Contact	Eastside, Superintendent	Y
Russell Karnes	Contact	CAMU, Superintendent, Western Hook.	Y
Lance Bruce, Nights	Contact	Health & Safety Officer	Y
Terry Harper, Night	Contact	CAMU, Superintendent	N
Rock McIntire	Contact	CSP, Health & Safety	N
John Frazier , Days	Contact	Health & Safety Officer	Y
Eli Blackburn	Contact	Aast Project Manager	N
Scott Zattau, Day	Contact	Health & Safety Technician	Y
Jose Martinez, Night	Contact	Health & Safety Technician	Y
Dawn Bredlove, Night	Contact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	User Crew, (1) Supt. 9 Laborens/ Seamens	Y
	ABC Survey	Eastside/CAMU,	N

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 D6R Dozer with disc, (1)		Eastside	-	-	-
CAT 345 excavators, (9)		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	-	-	-
Gradall, forklift		CAMU	-	-	-
JLG		CAMU	-	-	-
Smooth drum Rollers, (3)		CAMU	-	-	-
Tenent Street Sweeper		Eastside and CAMU	-	-	-
Komatsu Loader		CAMU, Phase 1	-	-	-
Cherban 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
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39	39.00
40	40.00
41	41.00
42	42.00
43	43.00
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46	46.00
47	47.00
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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:

- PUG-4, continued final scrape of road on south side, loading out and hauling to beta ditch stockpile.
- PUG-5, continued excavating, loading out and hauling to beta ditch stockpile.
- SC-1, continued loading out and hauling wet material to CTR ponds for drying.
- Southern Rib, exploratory trenching continued at south side of ponds. In AM.
- PUE-6, long stick excavator stockpiling. In PM.
- D8 dozer disc and pushed up dried material in various ponds.

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- Western Hook, continued loading out material and hauling to CAMU, Phase II. - SW-12, pH. 6. - Night Shift: - Hauled material from Beta ditch stockpile and HP-3/5 stockpiles. CAMU Activity: - Day Shift: - SE-2, Silt trench, continued excavation along south wall outside design limits. Hauled and placed in Phase II. - Phase II, placed waste from Western hook. - Phase II dozer placing interim cover on south slope. - Phase IV, ESI continued to install geosynthetics. - Phase IV, continued installation of LCRS pipe system, east. Cleaned and flushed pipe. - Phase V, continued grading cell floor. - Entact measured water levels in Phase I LCRS sump and Vadose zone. Also Phase II LCRS sump. - GES collected water samples from monitoring well next to Phase I. Also Phase II LCRS sump. - Powerscreener down for repairs. - Night Shift: - Continued placing material in Phase IIIB and Phase IV. Embankment - Phase 1 embankment, complete. - Phase 1 estimated cumulative embankment placed: - Phase II embankment, complete. Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (1.80) Water Pumped: (N/A). Vadose: Measurement taken: (0.60) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (1.20) Water Pumped: (312 gal). 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)

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

Phase I Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) = Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) = To Date Phase I estimated cumulative waste placed =	291,200 0 0 0 291,200 cy cy cy cy
Phase II Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 37,188 Daily Day shift waste placed today: Western Hook (80) loads @ 18 cy/load (10) trucks = Daily Day shift waste placed today: Silt Trenches, (41) loads @ 18cy/load (3) trucks = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase II estimated cumulative waste placed =	803,512 0 1,440 738 0 805,690 cy cy cy cy
Phase IIIA Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = Operations layer placed (completed for liner certification = 21,276) Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase IIIA estimated cumulative waste placed =	217,188 0 0 0 0 217,188 cy cy cy
Phase IIIB Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed today: From ??, (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (270) loads @ 18cy/load (17) trucks = To Date Phase IIIB estimated cumulative waste placed =	63,252 0 0 4,860 68,112 cy cy cy
Phase IV Previous Daily Cumulative = Operations layer placed directly in Phase IV today: (43) loads @ 18 cy/load (6) trucks = Daily Day shift waste placed today: From ??, (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase IV estimated cumulative waste placed =	10,152 0 774 0 0 10,926 cy cy cy
Phase V Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = ? Daily Day shift waste placed today: From ??, (0) loads @ 18 cy/load (0) trucks = Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase V estimated cumulative waste placed =	0 0 0 0 0 0 cy cy cy

Estimated Waste at	
Cumulative Total To Date All Phases =	1,393,116 cy
Completion (cy)	2,050,000
% Complete	68.0%

Geosvnthetics 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
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	330,000	60,000	390,000
Geotextile	2,000	0	2,000
Phase V			
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 (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	3,115,785	4,151,232	75.1%	6,534,075	47.7%

HEALTH & SAFETY

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

Safety Topic:

Eastside Day: Discussed personal hygiene, don't bring dirt home with you.

CAMU Day: Discussed personal hygiene, don't bring dirt home with you

Night shift CAMU & Eastside: Discussed watch for weekend traffic and increased motorist.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement of eastside material into the CAMU, Phase IIIB on the night shift..

Monitored the installation of operations layer in Phase IV, on the night shift...

Monitored waste placement of eastside material into Phase II CAMU on the day shift.

Monitored the installation of geosynthetics in Phase IV.

Monitored the cleaning of LCRS pipe and proper reinstallation in Phase IV.

Monitored backfill in Phase V.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Phase IV LCRS pipe covered over with soil by night crew before it was complete. Day shift uncovered pipe cleaned and flushed it out and completed installation in that area properly.

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

10-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 IV, operations layer.

Photo 2



CAMU: Phase IV, LCRS pipe, after uncovering.

Photo 3



CAMU: Phase II, west slope.

Photo 4



CAMU: SE-2 slit trench.