

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	31-Dec-09	529

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjait Sahu	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@westonsolution.com	720-641-8660

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy / Partly Sunny	PM	Cloudy / Partly Sunny	Low	35			Precip. (in/dy)	0
				High	50	NE	5mph	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	N
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	N	

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

Name	Company	Trade / Work Performed	Y/N
Erik Gehring	Entact	Project Manager	Y
Eli Blackburn	Entact	Asst Project Manager	Y
Josh Carol	Entact	Asst Project Manager, Eastside Manager	Y
Michael Carlson	Entact	Engineer	N
Joe Curllis, Day	Entact	Health & Safety Officer	Y
Timothy Stadl, Day	Entact	Health and Safety Officer	N
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	N
Lance Bruce, Night	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
Scott Zattau, Day	Entact	Health & Safety Officer	N
Jose Martinez, Night	Entact	Health & Safety Officer	Y
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Dawn Breedlove	Entact	Health & Safety Technician	Y
Environmental Specialties, Inc.		Liner Crew (1) Supt, (10) Laborers/ Seamers, Demobilized.	N
ABC Survey		Eastside/CAMU/Western Hook	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 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 (5)	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.	- - - -
Chelstan 1400 Powerscreener	CAMU	- - - -

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					to date	Qty	Spec	Tag
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
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41	41.00
42	42.00
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98	98.00
99	99.00
100	100.00

Day Shift:

- SW and HP Ponds, continued final scrape, loading and hauling to Beta Ditch stockpile.
- SW-9 stockpile, continued loading and hauling to the Beta Ditch stockpile.
- PUA-10, CTR-1 and CTR-4, continued excavating and stockpiling.
- Galleria scrape, continued scraping Parcel 7, loading out OTR trucks and hauling to CAMU for placement.

• No Activity

DAILY PRODUCTION & QUALITY CONTROL REPORT			
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<div>- No Activity.</div> <div>CAMU Activity:</div> <div>- Day Shift:<ul style="list-style-type: none">- Graded waste in Phase IIIB, Phase IV and Phase V.- Galleria scrape, continued placing material in Phase V.- Phase I, Phase II and Phase IIIB, continued finish grading interim cover.- Restart crushing operation for gravel mulch to be placed on side slopes.- Phase II, placed final cover soil.</div> <div>- Night Shift:<ul style="list-style-type: none">- No Activity.</div> <div>Embankment<ul style="list-style-type: none">- Phase 1 embankment, complete.- Phase 1 estimated cumulative embankment placed:- Phase II embankment, complete.</div> <div>Sump/Vadose Monitoring:<div>Phase I: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div><div>Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).</div><div>Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).</div></div> <div>Inspections: CAMU: N/A. Eastside: Inspected eastside perimeter fence/line, All secure.</div>			

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

Phase I	
Previous Daily Cumulative =	372,886 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =	cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase I estimated cumulative waste placed =	372,886 cy
Phase II	
Previous Daily Cumulative =	1,072,405 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: (0) loads @ 21 cy/load (0) trucks =	cy
To Date Phase II estimated cumulative waste placed =	1,072,405 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 @ 17 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy
Phase IIIB	
Previous Daily Cumulative =	438,644 cy
Operations layer placed (completed) for liner certification. = 21,978	cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/d (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IIIB estimated cumulative waste placed =	438,644 cy
Phase IV	
Previous Daily Cumulative =	368,138 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: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase IV estimated cumulative waste placed =	368,138 cy
Phase V	
Previous Daily Cumulative =	274,619 cy
Operations layer placed (completed) for liner certification = 40,284	cy
Daily Day shift waste placed from: Galleria (28) loads @ 17 cy/load (3) trucks =	476 cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy
To Date Phase V estimated cumulative waste placed =	275,095 cy
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750 cy

Cumulative Total To Date All Phases =	Estimated Waste at Completion (cy)	% Complete
	2,873,092 cy	99.1%
	2,900,000	

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
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

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Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

	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	4,068,952	4,151,232	98.0%	6,534,075	62.3%

HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
1	2
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93	94
95	96
97	98
99	100

Safety Topic:

Safety Topics:
 Eastside Day: Discussed; Reviewed project safety performance for 2009 and Holiday safety.
 CAMU Day: Discussed; Reviewed project safety performance for 2009 and Holiday safety.
 Night shift CAMU & Eastside: No Activity.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	1. Inspected the foundation and wall construction for proper alignment and reinforcement.
2	2. Checked the placement and compaction of concrete for the foundation and walls.
3	3. Verified the installation of formwork and bracing for the foundation and walls.
4	4. Inspected the reinforcement bars (rebar) for correct spacing and placement.
5	5. Checked the curing process for the concrete foundation and walls.
6	6. Inspected the roof structure for proper framing and bracing.
7	7. Verified the placement and compaction of concrete for the roof slab.
8	8. Checked the installation of roof waterproofing membrane.
9	9. Inspected the roof drainage system for proper slope and flow.
10	10. Checked the installation of roof insulation and vapor barrier.
11	11. Inspected the interior walls for proper alignment and reinforcement.
12	12. Checked the placement and compaction of concrete for the interior walls.
13	13. Verified the installation of formwork and bracing for the interior walls.
14	14. Inspected the reinforcement bars (rebar) for correct spacing and placement.
15	15. Checked the curing process for the concrete interior walls.
16	16. Inspected the floor construction for proper alignment and reinforcement.
17	17. Checked the placement and compaction of concrete for the floor slab.
18	18. Verified the installation of formwork and bracing for the floor slab.
19	19. Inspected the reinforcement bars (rebar) for correct spacing and placement.
20	20. Checked the curing process for the concrete floor slab.
21	21. Inspected the exterior walls for proper alignment and reinforcement.
22	22. Checked the placement and compaction of concrete for the exterior walls.
23	23. Verified the installation of formwork and bracing for the exterior walls.
24	24. Inspected the reinforcement bars (rebar) for correct spacing and placement.
25	25. Checked the curing process for the concrete exterior walls.
26	26. Inspected the roof structure for proper framing and bracing.
27	27. Verified the placement and compaction of concrete for the roof slab.
28	28. Checked the installation of roof waterproofing membrane.
29	29. Inspected the roof drainage system for proper slope and flow.
30	30. Checked the installation of roof insulation and vapor barrier.
31	31. Inspected the interior walls for proper alignment and reinforcement.
32	32. Checked the placement and compaction of concrete for the interior walls.
33	33. Verified the installation of formwork and bracing for the interior walls.
34	34. Inspected the reinforcement bars (rebar) for correct spacing and placement.
35	35. Checked the curing process for the concrete interior walls.
36	36. Inspected the floor construction for proper alignment and reinforcement.
37	37. Checked the placement and compaction of concrete for the floor slab.
38	38. Verified the installation of formwork and bracing for the floor slab.
39	39. Inspected the reinforcement bars (rebar) for correct spacing and placement.
40	40. Checked the curing process for the concrete floor slab.
41	41. Inspected the exterior walls for proper alignment and reinforcement.
42	42. Checked the placement and compaction of concrete for the exterior walls.
43	43. Verified the installation of formwork and bracing for the exterior walls.
44	44. Inspected the reinforcement bars (rebar) for correct spacing and placement.
45	45. Checked the curing process for the concrete exterior walls.
46	46. Inspected the roof structure for proper framing and bracing.
47	47. Verified the placement and compaction of concrete for the roof slab.
48	48. Checked the installation of roof waterproofing membrane.
49	49. Inspected the roof drainage system for proper slope and flow.
50	50. Checked the installation of roof insulation and vapor barrier.
51	51. Inspected the interior walls for proper alignment and reinforcement.
52	52. Checked the placement and compaction of concrete for the interior walls.
53	53. Verified the installation of formwork and bracing for the interior walls.
54	54. Inspected the reinforcement bars (rebar) for correct spacing and placement.
55	55. Checked the curing process for the concrete interior walls.
56	56. Inspected the floor construction for proper alignment and reinforcement.
57	57. Checked the placement and compaction of concrete for the floor slab.
58	58. Verified the installation of formwork and bracing for the floor slab.
59	59. Inspected the reinforcement bars (rebar) for correct spacing and placement.
60	60. Checked the curing process for the concrete floor slab.
61	61. Inspected the exterior walls for proper alignment and reinforcement.
62	62. Checked the placement and compaction of concrete for the exterior walls.
63	63. Verified the installation of formwork and bracing for the exterior walls.
64	64. Inspected the reinforcement bars (rebar) for correct spacing and placement.
65	65. Checked the curing process for the concrete exterior walls.
66	66. Inspected the roof structure for proper framing and bracing.
67	67. Verified the placement and compaction of concrete for the roof slab.
68	68. Checked the installation of roof waterproofing membrane.
69	69. Inspected the roof drainage system for proper slope and flow.
70	70. Checked the installation of roof insulation and vapor barrier.
71	71. Inspected the interior walls for proper alignment and reinforcement.
72	72. Checked the placement and compaction of concrete for the interior walls.
73	73. Verified the installation of formwork and bracing for the interior walls.
74	74. Inspected the reinforcement bars (rebar) for correct spacing and placement.
75	75. Checked the curing process for the concrete interior walls.
76	76. Inspected the floor construction for proper alignment and reinforcement.
77	77. Checked the placement and compaction of concrete for the floor slab.
78	78. Verified the installation of formwork and bracing for the floor slab.
79	79. Inspected the reinforcement bars (rebar) for correct spacing and placement.
80	80. Checked the curing process for the concrete floor slab.
81	81. Inspected the exterior walls for proper alignment and reinforcement.
82	82. Checked the placement and compaction of concrete for the exterior walls.
83	83. Verified the installation of formwork and bracing for the exterior walls.
84	84. Inspected the reinforcement bars (rebar) for correct spacing and placement.
85	85. Checked the curing process for the concrete exterior walls.
86	86. Inspected the roof structure for proper framing and bracing.
87	87. Verified the placement and compaction of concrete for the roof slab.
88	88. Checked the installation of roof waterproofing membrane.
89	89. Inspected the roof drainage system for proper slope and flow.
90	90. Checked the installation of roof insulation and vapor barrier.
91	91. Inspected the interior walls for proper alignment and reinforcement.
92	92. Checked the placement and compaction of concrete for the interior walls.
93	93. Verified the installation of formwork and bracing for the interior walls.
94	94. Inspected the reinforcement bars (rebar) for correct spacing and placement.
95	95. Checked the curing process for the concrete interior walls.
96	96. Inspected the floor construction for proper alignment and reinforcement.
97	97. Checked the placement and compaction of concrete for the floor slab.
98	98. Verified the installation of formwork and bracing for the floor slab.
99	99. Inspected the reinforcement bars (rebar) for correct spacing and placement.
100	100. Checked the curing process for the concrete floor slab.
101	101. Inspected the exterior walls for proper alignment and reinforcement.
102	102. Checked the placement and compaction of concrete for the exterior walls.
103	103. Verified the installation of formwork and bracing for the exterior walls.
104	104. Inspected the reinforcement bars (rebar) for correct spacing and placement.
105	105. Checked the curing process for the concrete exterior walls.
106	106. Inspected the roof structure for proper framing and bracing.
107	107. Verified the placement and compaction of concrete for the roof slab.
108	108. Checked the installation of roof waterproofing membrane.
109	109. Inspected the roof drainage system for proper slope and flow.
110	110. Checked the installation of roof insulation and vapor barrier.
111	111. Inspected the interior walls for proper alignment and reinforcement.
112	112. Checked the placement and compaction of concrete for the interior walls.
113	113. Verified the installation of formwork and bracing for the interior walls.
114	114. Inspected the reinforcement bars (rebar

Daily CQA Summary.

Monitored waste placement into the CAMU of Galleria material on the day shift.
Monitored placement of interim cover at the CAMU on the day shift.

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

31-Dec-09

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

DAILY PRODUCTION & QUALITY CONTROL REPORT

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DAILY PHOTO LOG

Photo 1



Eastside: HP Ponds

Photo 2



Eastside: HP Ponds.

Photo 3



Eastside: Beta ditch. East end

Photo 4



CAMU: Phase I, Phase II, Phase IIIB, West slope.