

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	12-Jan-09	183

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.c	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution	720-641-8660

WEATHER CONDITIONS

Conditions				Temp (°)	Wind	Add'l Readings	
AM	Sunny/Clear	PM	Sunny/Clear	Low 40		Precip. (in/Dy)	
				High 62	10mph	Humidity (%)	

Additional Weather Comments

Calm in AM. Light winds to 10 mph in PM.

ON-SITE WESTON PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	Y
Dan Brennecke	Project Manager. CM	Construction Management Services.	N
Richard Davis	Project Engineer	Construction Management Services.	Y
Chris White	Assist. Const. Mgr	Construction Management Services.	Y
Wayne Hodgson	Assist. Const. Mgr	Construction Management Services.	Y
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
June Laubinger	Admin Assistant	Construction Management Services.	Y

ON-SITE GEOSYNTEC PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
Dan Street	QA Manager	Oversight	Y
Jim Cox	QA/QC Supervisor	Oversight	N
Robecca Flynn	Engineer	Oversight	N
Wayne Wofford	QA/QC Tech	Oversight	N
Roland Derosier	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Jeremy Osborn	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y

ON-SITE SUPPORT PERSONNEL

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
Jerry Faucheux, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N

OVERSITE PERSONNEL

Name	Position	Trade / Work Performed	Y/N
Mark Eizman, ASW	Inspector	Liner Inspector	Y
Devin Gordon, McGinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Surveying, QA	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	N
Josh Carrol	Entact	Asst Project Manager	Y
Russ Karnes	Entact	Eastside, Superintendent	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Stadt	Entact	Health and Safety Technician	Y
	Entact	26 Equipment Operators & Truck Drivers	Y
Ed Long	Entact	CAMU, Superintendent	Y
Lance Bruce	Entact	Health & Safety Officer	Y
Terry Harper	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	Y
Dale Walsh	Converse	CSP, Safety	N

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Eli Blackburn	Entact	Asst Project Manager	Y	
	Environmental Specialties, Inc	1 Liner Superintendent	Y	
	Environmental Specialties, Inc	12 Laborers/ Seamers	Y	
	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU, Mohawk Drive.	N	

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (10)		CAMU	-	-	-	-
JD D400 Dump Trucks (9)		Eastside		-	-	-
CAT 324D long stick excavator		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside		-	-	-
CAT 345 excavator, (3)		Eastside		-	-	-
CAT 330 Excavator		Eastside		-	-	-
Case double pan scrapers.		Eastside, demobilized.		-	-	-
CAT D6 LGP Dozer (1)		Eastside				-
Water Trucks (2)		Eastside				-
637/631 Cat Scrapers (2)		CAMU				-
CAT 16H Grader		CAMU				-
CAT D-10 Dozer		CAMU				-
CAT Water Trucks (2)		CAMU				-
CAT D-6 Dozer, (2)		CAMU				-
CAT 14H Grader		CAMU				-
Gradall		CAMU				-
JLG		CAMU				-
IR Smooth drum Roller		CAMU, Phase 1				-
Tenent Street Sweeper		Eastside and CAMU				-
Bomag Smooth drum Roller		CAMU, Phase 1				-
Chieftain 1400 Powerscreener		CAMU, screening 1" & 6" minus				-
						-

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
GCL	CETCO	37	rolls	For CAMU, On site	to date	Qty	Spec	Tags
Geocomposite	Agro	27	rolls	For CAMU, On site		724		
Geomembrane	Agro	22	rolls	For CAMU, On site		258		

WORK COMPLETED

Description of Work Executed Today

Eastside Mixing and Drying Activity:

Day Shift:

- Continued pushing up/stockpiling/drying material in SW Ponds.
- Continued pumping water from SW-7 to SW-12.
- Additional excavation performed in PUB-4 below the design grade as needed. As directed by BRC and under Weston supervision.
- Hauled dry material from PUB-4 to SW ponds for mixing.

Night Shift:

- Continue hauling material from HP-3/HP-2 and PUC-4.

CAMU Activity:

Day Shift:

- ESI continued placing GCL and geomembrane on N. BMI Landfill.
- Continued excavating contaminated soil from NW basin/Phase IIIB and placing in Phase I.
- Continued screening cover soils for N. BMI Landfill from 200,000 cy stockpile.
- Continued hauling/placing 1" and 6" minus cover soils on N. BMI Landfill.
- Continued grading in Phase IIIA.

Night Shift:

- Continue placing material in Phase II.

Embankment

- Phase 1 embankment, complete.
- Phase 1 estimated cumulative embankment placed: 0 cy
- Phase II embankment, complete.

Waste Placement

- Phase 1 estimated daily waste placed, Phase IIIB Trench: 89 loads @ 20 cy/load = 1,780 cy. (2 trucks).
- night shift placed: (0) loads @ 18cy/load = 0 cy.
- Phase 1 estimated cumulative waste placed: 288,540 cy.
- Phase 1 Operations Layer placed. completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 263 loads @ 18cy/load = 4,734 cy. (19 trucks).
- Phase 2 Operations Layer placed. daily: 0 cy. Cumulative total: 37,188 cy.
- Phase 2 estimated cumulative waste placed: 69,048 cy.

Geosynthetics Estimated cumulative installed quantity by Phase

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Geosynthetics. Estimated cumulative installed quantity by Phase.

- Phase 1 GCL placed: 0 sf daily, 307,372 sf cumulative.
- Phase 1 Geomembrane: 0 sf daily, 307,372 sf cumulative
- Phase 1 Geocomposite: 0 sf daily, 3,372 sf cumulative.
- Phase 1 Geotextile: (0) sf daily, 69,340 sf cumulative.
- Phase 2 GCL placed: (0) sf daily, 498,468 sf cumulative.
- Phase 2 Geomembrane: (0) sf daily, 498,468 sf cumulative.
- Phase 2 Geocomposite: (0) sf daily, 520,592 sf cumulative.
- BMI North Landfill GCL placed: (48,000) sf daily, 808,838 sf cumulative.
- BMI North Landfill Geomembrane: (48,000) sf daily, 808,838 sf cumulative.
- BMI North Landfill Geocomposite: (0) sf daily, (390,000) sf cumulative.

HEALTH & SAFETY

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

Entact H&S Tallgates

Safety Topic: Eastside, Day: Housekeeping, Remote communications.

Safety Topic: CAMU, Day: Housekeeping.

Eastside and CAMU, Night: Housekeeping.

Safety Incidents: None.

Dust Incidents: None.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement from the eastside into Phase II. (Night Shift).
Monitored waste relocation from Phase IIIB to Phase I on the day shift.
Monitor the installation of geosynthetics at the N. BMI Landfill.
Monitor screening operations at the 200,000 cy stockpile.
Monitor the installation of cover soil at the N. BMI Landfill.
Monitor subgrade preparation at Phase IIIA.
Continue review of and updating of project documents and database to facilitate reporting.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first item of discussion is the importance of the research topic.
2	2. The second item of discussion is the research objectives.
3	3. The third item of discussion is the research methodology.
4	4. The fourth item of discussion is the research findings.
5	5. The fifth item of discussion is the research conclusions.
6	6. The sixth item of discussion is the research limitations.
7	7. The seventh item of discussion is the research implications.
8	8. The eighth item of discussion is the research recommendations.
9	9. The ninth item of discussion is the research future work.
10	10. The tenth item of discussion is the research acknowledgments.
11	11. The eleventh item of discussion is the research references.
12	12. The twelfth item of discussion is the research appendices.
13	13. The thirteenth item of discussion is the research glossary.
14	14. The fourteenth item of discussion is the research bibliography.
15	15. The fifteenth item of discussion is the research index.
16	16. The sixteenth item of discussion is the research abstract.
17	17. The seventeenth item of discussion is the research summary.
18	18. The eighteenth item of discussion is the research conclusion.
19	19. The nineteenth item of discussion is the research recommendation.
20	20. The twentieth item of discussion is the research future work.
21	21. The twenty-first item of discussion is the research acknowledgments.
22	22. The twenty-second item of discussion is the research references.
23	23. The twenty-third item of discussion is the research appendices.
24	24. The twenty-fourth item of discussion is the research glossary.
25	25. The twenty-fifth item of discussion is the research bibliography.
26	26. The twenty-sixth item of discussion is the research index.
27	27. The twenty-seventh item of discussion is the research abstract.
28	28. The twenty-eighth item of discussion is the research summary.
29	29. The twenty-ninth item of discussion is the research conclusion.
30	30. The thirtieth item of discussion is the research recommendation.
31	31. The thirty-first item of discussion is the research future work.
32	32. The thirty-second item of discussion is the research acknowledgments.
33	33. The thirty-third item of discussion is the research references.
34	34. The thirty-fourth item of discussion is the research appendices.
35	35. The thirty-fifth item of discussion is the research glossary.
36	36. The thirty-sixth item of discussion is the research bibliography.
37	37. The thirty-seventh item of discussion is the research index.
38	38. The thirty-eighth item of discussion is the research abstract.
39	39. The thirty-ninth item of discussion is the research summary.
40	40. The fortieth item of discussion is the research conclusion.
41	41. The forty-first item of discussion is the research recommendation.
42	42. The forty-second item of discussion is the research future work.
43	43. The forty-third item of discussion is the research acknowledgments.
44	44. The forty-fourth item of discussion is the research references.
45	45. The forty-fifth item of discussion is the research appendices.
46	46. The forty-sixth item of discussion is the research glossary.
47	47. The forty-seventh item of discussion is the research bibliography.
48	48. The forty-eighth item of discussion is the research index.
49	49. The forty-ninth item of discussion is the research abstract.
50	50. The fiftieth item of discussion is the research summary.
51	51. The fifty-first item of discussion is the research conclusion.
52	52. The fifty-second item of discussion is the research recommendation.
53	53. The fifty-third item of discussion is the research future work.
54	54. The fifty-fourth item of discussion is the research acknowledgments.
55	55. The fifty-fifth item of discussion is the research references.
56	56. The fifty-sixth item of discussion is the research appendices.
57	57. The fifty-seventh item of discussion is the research glossary.
58	58. The fifty-eighth item of discussion is the research bibliography.
59	59. The fifty-ninth item of discussion is the research index.
60	60. The sixtieth item of discussion is the research abstract.
61	61. The sixty-first item of discussion is the research summary.
62	62. The sixty-second item of discussion is the research conclusion.
63	63. The sixty-third item of discussion is the research recommendation.
64	64. The sixty-fourth item of discussion is the research future work.
65	65. The sixty-fifth item of discussion is the research acknowledgments.
66	66. The sixty-sixth item of discussion is the research references.
67	67. The sixty-seventh item of discussion is the research appendices.
68	68. The sixty-eighth item of discussion is the research glossary.
69	69. The sixty-ninth item of discussion is the research bibliography.
70	70. The seventieth item of discussion is the research index.
71	71. The seventy-first item of discussion is the research abstract.
72	72. The seventy-second item of discussion is the research summary.
73	73. The seventy-third item of discussion is the research conclusion.
74	74. The seventy-fourth item of discussion is the research recommendation.
75	75. The seventy-fifth item of discussion is the research future work.
76	76. The seventy-sixth item of discussion is the research acknowledgments.
77	77. The seventy-seventh item of discussion is the research references.
78	78. The seventy-eighth item of discussion is the research appendices.
79	79. The seventy-ninth item of discussion is the research glossary.
80	80. The eightieth item of discussion is the research bibliography.
81	81. The eighty-first item of discussion is the research index.
82	82. The eighty-second item of discussion is the research abstract.
83	83. The eighty-third item of discussion is the research summary.
84	84. The eighty-fourth item of discussion is the research conclusion.
85	85. The eighty-fifth item of discussion is the research recommendation.
86	86. The eighty-sixth item of discussion is the research future work.
87	87. The eighty-seventh item of discussion is the research acknowledgments.
88	88. The eighty-eighth item of discussion is the research references.
89	89. The eighty-ninth item of discussion is the research appendices.
90	90. The ninetieth item of discussion is the research glossary.
91	91. The ninety-first item of discussion is the research bibliography.
92	92. The ninety-second item of discussion is the research index.
93	93. The ninety-third item of discussion is the research abstract.
94	94. The ninety-fourth item of discussion is the research summary.
95	95. The ninety-fifth item of discussion is the research conclusion.
96	96. The ninety-sixth item of discussion is the research recommendation.
97	97. The ninety-seventh item of discussion is the research future work.
98	98. The ninety-eighth item of discussion is the research acknowledgments.
99	99. The ninety-ninth item of discussion is the research references.
100	100. The hundredth item of discussion is the research appendices.

Discussion of Issues / Concerns / Conversations / Topics

SITE VISITORS

[illegible]

Report Prepared By / Title

Richard Laubinger, Construction Manager

Date Prepared

12-Jan-09

Signature

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



Eastside: PUB-4, discolored soils.

Photo 2



Eastside: PUB-4, area's of additional excavation..

Photo 3



CAMU: NW basin/Phase IIIB trench excavation waste.

Photo 4



CAMU: Phase IIIA. Grading looking east.