

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Jan-09	190

### 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 (F)	Wind	Add'l Readings	
AM	Sunny/Clear	Low 41	SW 6mph	Precip. (in/Dy.)	
PM	Sunny/Clear	High 64		Humidity (%)	

Additional Weather Comments

Calm to light winds

### 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.	N
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
Camron 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 Fauchaux, 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	N
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.	Y	

## 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			
					to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		830		
Geocomposite	Agro	0	rolls	For CAMU, On site		886		
Geomembrane	Agro	0	rolls	For CAMU, On site		258		

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

#### Day Shift:

- Continue pushing up/stockpiling/drying material in SW ponds.
- Continue pumping water from SW-7 to SW-12.
- Excavating in PUC-3 below the design excavation depth and hauling material to the Beta ditch stockpile area.

#### Night Shift:

- Continued hauling material from HP-3/HP-2 and PUA-4.

### CAMU Activity:

- Day Shift:
- ESI continued placing geocomposite on N. BMI Landfill.
- Continued excavating contaminated soil from NW Basin/Phase IIIB and placing in Phase II.
- Continued screening cover soils for N. BMI Landfill from 200,000 cy stockpile.
- Continued placing 1" and 6" minus soils on N. BMI Landfill for cover material.
- Continued grading in Phase IIIA.
- Continued surficial scrape on Phase IIIB, IV and V and haul/place material to Phase II.

#### Night Shift:

- Continued placing waste 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: (0) loads @ 20 cy/load = 0 cy. (0 trucks).
- night shift placed: (0) loads @ 18cy/load = 0 cy.
- Phase 1 estimated cumulative waste placed: 291,020 cy.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: (290) loads @ 18cy/load = 5,220 cy, (19 trucks).
- Phase 2 estimated day shift placed: (149) loads @ 20 cy/load = 2,980 cy (Phase IV & V Scrape) & (Phase IIIB trench excavation). (4 trucks).
- Phase 2 Operations Layer placed. Cumulative total: 37,188 cy.
- Phase 2 estimated cumulative waste placed: 110,306 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: (0) sf daily, 984,226 sf cumulative.
- BMI North Landfill Geomembrane: (0) sf daily, 984,266 sf cumulative.
- BMI North Landfill Geocomposite: (125,000) sf daily, (550,000) sf cumulative.

## HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
1	1. Inspected the site for safety hazards. Found no significant issues.
2	2. Conducted safety training for new employees. Topics included fall protection and PPE use.
3	3. Reviewed incident reports from last week. No major findings.
4	4. Inspected the fire extinguishers in the warehouse. All are in good condition.
5	5. Checked the safety of the forklifts. All operators are certified.
6	6. Inspected the electrical systems in the office. No issues found.
7	7. Reviewed the safety data sheets for the chemicals used in production.
8	8. Conducted a safety walk-through of the construction site.
9	9. Inspected the safety of the scaffolding used in the maintenance work.
10	10. Reviewed the safety protocols for the new equipment.
11	11. Inspected the safety of the lifting equipment.
12	12. Conducted a safety meeting with the maintenance team.
13	13. Inspected the safety of the work area.
14	14. Reviewed the safety records for the past month.
15	15. Inspected the safety of the work environment.
16	16. Conducted a safety inspection of the new facility.
17	17. Inspected the safety of the work area.
18	18. Reviewed the safety protocols for the new equipment.
19	19. Inspected the safety of the lifting equipment.
20	20. Conducted a safety meeting with the maintenance team.
21	21. Inspected the safety of the work area.
22	22. Reviewed the safety records for the past month.
23	23. Inspected the safety of the work environment.
24	24. Conducted a safety inspection of the new facility.
25	25. Inspected the safety of the work area.
26	26. Reviewed the safety protocols for the new equipment.
27	27. Inspected the safety of the lifting equipment.
28	28. Conducted a safety meeting with the maintenance team.
29	29. Inspected the safety of the work area.
30	30. Reviewed the safety records for the past month.
31	31. Inspected the safety of the work environment.
32	32. Conducted a safety inspection of the new facility.
33	33. Inspected the safety of the work area.
34	34. Reviewed the safety protocols for the new equipment.
35	35. Inspected the safety of the lifting equipment.
36	36. Conducted a safety meeting with the maintenance team.
37	37. Inspected the safety of the work area.
38	38. Reviewed the safety records for the past month.
39	39. Inspected the safety of the work environment.
40	40. Conducted a safety inspection of the new facility.
41	41. Inspected the safety of the work area.
42	42. Reviewed the safety protocols for the new equipment.
43	43. Inspected the safety of the lifting equipment.
44	44. Conducted a safety meeting with the maintenance team.
45	45. Inspected the safety of the work area.
46	46. Reviewed the safety records for the past month.
47	47. Inspected the safety of the work environment.
48	48. Conducted a safety inspection of the new facility.
49	49. Inspected the safety of the work area.
50	50. Reviewed the safety protocols for the new equipment.
51	51. Inspected the safety of the lifting equipment.
52	52. Conducted a safety meeting with the maintenance team.
53	53. Inspected the safety of the work area.
54	54. Reviewed the safety records for the past month.
55	55. Inspected the safety of the work environment.
56	56. Conducted a safety inspection of the new facility.
57	57. Inspected the safety of the work area.
58	58. Reviewed the safety protocols for the new equipment.
59	59. Inspected the safety of the lifting equipment.
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64	64. Conducted a safety inspection of the new facility.
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66	66. Reviewed the safety protocols for the new equipment.
67	67. Inspected the safety of the lifting equipment.
68	68. Conducted a safety meeting with the maintenance team.
69	69. Inspected the safety of the work area.
70	70. Reviewed the safety records for the past month.
71	71. Inspected the safety of the work environment.
72	72. Conducted a safety inspection of the new facility.
73	73. Inspected the safety of the work area.
74	74. Reviewed the safety protocols for the new equipment.
75	75. Inspected the safety of the lifting equipment.
76	76. Conducted a safety meeting with the maintenance team.
77	77. Inspected the safety of the work area.
78	78. Reviewed the safety records for the past month.
79	79. Inspected the safety of the work environment.
80	80. Conducted a safety inspection of the new facility.
81	81. Inspected the safety of the work area.
82	82. Reviewed the safety protocols for the new equipment.
83	83. Inspected the safety of the lifting equipment.
84	84. Conducted a safety meeting with the maintenance team.
85	85. Inspected the safety of the work area.
86	86. Reviewed the safety records for the past month.
87	87. Inspected the safety of the work environment.
88	88. Conducted a safety inspection of the new facility.
89	89. Inspected the safety of the work area.
90	90. Reviewed the safety protocols for the new equipment.
91	91. Inspected the safety of the lifting equipment.
92	92. Conducted a safety meeting with the maintenance team.
93	93. Inspected the safety of the work area.
94	94. Reviewed the safety records for the past month.
95	95. Inspected the safety of the work environment.
96	96. Conducted a safety inspection of the new facility.
97	97. Inspected the safety of the work area.
98	98. Reviewed the safety protocols for the new equipment.
99	99. Inspected the safety of the lifting equipment.
100	100. Conducted a safety meeting with the maintenance team.

**Contact H&S Tailgates**

Safety Topic: Eastside, Day: Discussed emergency procedures and location of hospital.

Safety Topic: CAMU, Day: Discussed emergency procedures and location of hospital.

Eastside and CAMU, Night: Discussed proper safe handling of power washers.

**Safety Incidents:** None.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
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### Daily CQA Summary.

Monitored waste relocation and waste placement from Eastside to CAMU Phase II on the night shift.  
Monitored proofrolling of waste at Phase II.  
Monitored waste relocation and waste placement from NW Basin/Phase IIIB to Phase II on the day shift.  
Monitored subgrade preparation at Phase IIIA.  
Monitored installation of geosynthetics at the North BMI Landfill.  
Monitored screening operations at the 200,000 cy stockpile of 1" & 6" minus cover soils.  
Monitored the installation of cover soil at the North BMI Landfill.  
Continue review of and updating of project documents and database to facilitate reporting.

## ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Nevada State Police officer inquired in regards to permits for hauling across boulder highway.

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 19-Jan-09

Date Prepared	Signature
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19-Jan-09

Signature \_\_\_\_\_



## Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



Eastside: PUD-3, mixed with excavator.

Photo 2



CAMU: Phase IIIA, subgrade preparation for liner.

Photo 3



CAMU: Phase IIIA south slope preparation for liner.

Photo 4



Eastside: PUB-5, additional excavation of discolored soils.