

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	08-Dec-08	152

### 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	Cloudy	PM	Cloudy	Low 40		Precip. (in/hr)	
				High 61	NNW 6mph	Humidity (%)	
Additional Weather Comments 0 mph, in AM. Light Wind 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	Y	
Roland Derosier	QA/QC Tech	Oversight	Y	
Camon Liddell	QA/QC Tech	Oversight	Y	
Jeremy Osborn	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, Site visit	Y	
PBS&J, Survey	Surveyors	Surveying, QA	N	

### ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N	
Erik Geringer	Entact	Project Manager	Y	
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/ Seammers	Y	
	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU	N	

## ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed				
CAT D400E Dump Truck (2)		CAMU	-	-	-	-
JD D400 Dump Trucks (8)		Eastside	-	-	-	-
CAT 324D long stick excavator		CAMU	-	-	-	-
CAT D8R Dozer with disc		Eastside	-	-	-	-
CAT 345 excavator		Eastside	-	-	-	-
CAT 330 Excavator		Eastside	-	-	-	-
Case double pan scrapers.		Eastside	-	-	-	-
CAT D6 LGP Dozer (2)		Eastside	-	-	-	-
Water Trucks (2)		Eastside	-	-	-	-
637/631 Cat Scrapers (6)		CAMU	-	-	-	-
CAT 16H Grader		CAMU	-	-	-	-
CAT D-10 Dozer		CAMU	-	-	-	-
CAT Water Wagon		CAMU	-	-	-	-
CAT D-6 Dozer		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		Eastside, screening 1" 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		506		
Geocomposite	Agru	0	rolls	For CAMU, On site		599		
Geomembrane	Agru	0	rolls	For CAMU, On site		192		

## WORK COMPLETED

Description of Work Executed Today

### Eastside Mixing and Drying Activity:

- Day Shift:
- Continued powerscreening material from (WST-6).
- Watered PUC-3.
- Worked on tarps and rails for haul trucks.
- Prepared for night haul operations.

- Night Shift:
- Continued hauling operations layer material from beta stockpile to Phase II.
- Hauled material from PUA-4 to Phase I.

### CAMU Activity:

- Day Shift:
- ESI continued installing GCL and geomembrane on North BMI Landfill.
- Grade operations layer in Phase II.
- Continued grading North BMI Landfill.
- Prepared for night haul operations.

- Night Shift:
- Continued placing operations layer material second lift in Phase II.
- Placed material from PUA-4 into Phase I.

### 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 @ 20cy/load = 0 cy.
- night shift placed: 46 loads @ 18cy/load = 828 cy. (16 trucks).
- Phase 1 estimated cumulative waste placed: 210,898 cy. Western Ditch, NE Equilization, Eastside beta stockpile and PUA-4.PUB-3.
- Phase 1 Operations Layer placed. completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 196 loads @ 18cy/load = 3,528 cy. (16 trucks).
- Phase 2 Operations Layer placed. daily: 3,528 cy. Cumulative total: 39,048 cy.

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- Phase 2 Operations Layer placed, daily: 3,528 cy. Cumulative total: 39,948 cy.

**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, 307,372 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.  
BIM North Leadfill GCL placed: 69,532 sf daily, 110,154 sf cumulative

## HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
1	1. Safety inspection of the construction site. Checked for proper use of PPE (hard hats, safety glasses, gloves). Found one worker without a hard hat. Issued a verbal warning and instructed him to wear one immediately.
2	2. Safety inspection of the electrical system. Checked for exposed wires and proper grounding. Found one exposed wire in the basement. Issued a verbal warning and instructed the electrician to cover it immediately.
3	3. Safety inspection of the scaffolding. Checked for proper bracing and secure base. Found one loose brace on the second floor. Issued a verbal warning and instructed the worker to secure it immediately.
4	4. Safety inspection of the lifting equipment. Checked for proper use of hoists and slings. Found one worker using a sling incorrectly. Issued a verbal warning and instructed him to use it correctly.
5	5. Safety inspection of the storage area. Checked for proper storage of materials and equipment. Found one pile of materials blocking a walkway. Issued a verbal warning and instructed the worker to clear the area immediately.
6	6. Safety inspection of the first aid kit. Checked for proper stock and location. Found one expired bandage. Issued a verbal warning and instructed the worker to replace it immediately.
7	7. Safety inspection of the fire extinguishers. Checked for proper location and pressure. Found one extinguisher with low pressure. Issued a verbal warning and instructed the worker to replace it immediately.
8	8. Safety inspection of the site access. Checked for proper signage and barriers. Found one missing sign at the entrance. Issued a verbal warning and instructed the worker to replace it immediately.
9	9. Safety inspection of the site cleanup. Checked for proper disposal of waste. Found one pile of debris in the middle of the site. Issued a verbal warning and instructed the worker to clean it up immediately.
10	10. Safety inspection of the site security. Checked for proper locking of doors and windows. Found one unlocked door in the office. Issued a verbal warning and instructed the worker to lock it immediately.

**Entact H&S Tailgates**

Safety Topic: Eastside: Discussed watching for people on the ground when operating equipment.

Safety Topic: CAMU, Day: Discussed watching for people on the ground when operating equipment.

Eastside and CAMU, Night shift: Safe lifting practices when removing debris from soil.

**Safety Incidents:** None.

Dust Incidents: None.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
1	1. Inspected 10 units of Product A for defects. Found 2 units with minor surface scratches. No action required.
2	2. Inspected 15 units of Product B for assembly errors. Found 3 units with missing screws. Re-tightened screws on 3 units.
3	3. Inspected 20 units of Product C for packaging damage. Found 5 units with damaged boxes. Repacked 5 units.
4	4. Inspected 12 units of Product D for color consistency. Found 1 unit with a color mismatch. Re-painted 1 unit.
5	5. Inspected 8 units of Product E for functionality. Found 1 unit that did not power on. Replaced battery on 1 unit.
6	6. Inspected 18 units of Product F for labeling accuracy. Found 2 units with incorrect labels. Re-labeled 2 units.
7	7. Inspected 10 units of Product G for material quality. Found 1 unit with a cracked component. Replaced component on 1 unit.
8	8. Inspected 14 units of Product H for finish quality. Found 3 units with a dull finish. Polished 3 units.
9	9. Inspected 16 units of Product I for assembly completeness. Found 4 units with missing parts. Re-installed missing parts on 4 units.
10	10. Inspected 11 units of Product J for overall quality. Found 1 unit with a bent wire. Straightened wire on 1 unit.

### Daily CQA Summary..

Monitored operations layer placement in Phase II, on night shift.  
Monitored operations layer placement in Phase II on day shift.  
Monitored installation of waste material from Eastside beta stockpile in Phase I on night shift.  
Monitored installation of geosynthetics at the BMI North Landfill on the day shift.  
Inspected BMI North Landfill subgrade for liner. Approved area.  
Continued review of and updating of project documents and database to facilitate reporting.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

Site visit. Brenda Pohmann, (City of Henderson), Brian Rakvica, (NDEP), Allen Biaggi, (Nevada DCONR), Devin Gordon, McGinley & Associates..

## SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Dick Laubinger, Construction Manager 8-Dec-08

Report Prepared By / Title

8-Dec-08

Report Prepared By / Title	Date Prepared
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# Basic Remediation Company

875 West Warm Springs Road  
Henderson, Nevada 89011

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### DAILY PHOTO LOG

Photo 1



CAMU: Phase II, operations layer placement being monitored by Entact, Geosyntec, Weston.

Photo 2



Eastside: WST-1, Powerscreened 1" minus, soils. Inspected by Weston.

Photo 3



Eastside: WST-1

Photo 4



Eastside: Scraping of 4B.