

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	05-Jan-09	176

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	Ranjit 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 / Partly Sunny	PM	Sunny/Clear	Low 32		Precip. (inches)	
				High 47	WNW 7mph	Humidity (%)	
Additional Weather Comments Calm in AM to approx 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	Y	
Roland Derosier	QA/QC Tech	Oversight	Y	
Camon Liddell	QA/QC Tech	Oversight	Y	
Jeremy Osborn	QA/QC Tech	Oversight	N	
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	Y	
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	Y	
PBS&J, Survey	Surveyors	Surveying, QA	N	

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N	
Erik Gerlinger	Entact	Project Manager	Y	
Josh Carrol	Entact	Asst Project Manager	N	
Russ Karnes	Entact	Eastside, Superintendent	Y	
Michael Carlson	Entact	Engineer	Y	
Joe Curilla	Entact	Health & Safety Officer	N	
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		-	-	-
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	77	rolls	For CAMU, On site		583		
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:
- Hauled material from Mohawk Drive Scrape.
- Prepare for night hauling.
- Night Shift:
- Continued hauling material from HP-3/HP-2 and PUC-3.

CAMU Activity:

- Day Shift:
- Placed material in Phase I from Mohawk Drive Scrape.
- ESI continued placing GCL and Geomembrane on North BMI Landfill.
- Continued excavating contaminated soil from NW Detention Basin/Phase IIIB trench and placing in Phase I.
- Continued screening cover soils from North BMI Landfill from 200,000 cy stockpile.
- Continued hauling/placing 1" and 6" minus cover soils on North BMI Landfill.
- Night Shift:
- Placed 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, Mohawk Drive: 57 loads @ 15 cy/load = 855 cy. (12 trucks).
- daily waste placed, Phase IIIB trench: 88 loads @ 20 cy/load = 1,760 cy. (4 trucks).
- night shift placed: (0) loads @ 18cy/load = cy.
- Phase 1 estimated cumulative waste placed: 280,660 cy. Western Ditch, NE Equalization, Eastside beta stockpile, Phase IIIB and PUA-4, PUB-3, HP-3, Mohawk Drive.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 163 loads @ 18cy/load = 2,934 cy.
- Phase 2 Operations Layer placed, daily: 0 cy. Cumulative total: 37,188 cy.
- Phase 2 estimated cumulative waste placed: 40,122 cy. OPS Layer, PUC-3.

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: (65,000) sf daily, 590,838 sf cumulative.
- BMI North Landfill Geomembrane: (65,000) sf daily, 590,838 sf cumulative.
- BMI North Landfill Geocomposite: (0) sf daily, (345,000) sf cumulative.

HEALTH & SAFETY

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
1	1. Inspected the construction site for safety hazards. Found that the workers were not wearing proper safety gear (hard hats, safety glasses, and gloves). I immediately stopped the work and instructed them to wear the correct equipment. I also found that the scaffolding was not properly secured, so I had it dismantled and re-erected correctly.
2	2. Conducted a safety inspection of the electrical system. Found that the wiring was outdated and the ground fault circuit interrupter (GFCI) was not working. I had the wiring replaced and the GFCI tested and replaced if necessary.
3	3. Inspected the fire extinguishers in the kitchen area. Found that one of the extinguishers was expired. I had it replaced with a new one and ensured that all staff were trained on how to use the extinguishers.
4	4. Inspected the first aid kit. Found that some of the supplies were expired. I had them replaced with new ones and ensured that the kit was easily accessible to all staff.
5	5. Inspected the emergency exit routes. Found that one of the exits was blocked by a storage unit. I had the unit moved and the exit kept clear at all times.
6	6. Inspected the ventilation system in the kitchen. Found that the filters were dirty. I had them cleaned and replaced with new ones.
7	7. Inspected the food storage area. Found that some of the food was expired. I had it discarded and ensured that all food was properly labeled with the expiration date.
8	8. Inspected the cleaning schedule. Found that some of the tasks were not being completed on time. I had the schedule revised to ensure that all tasks were completed as scheduled.
9	9. Inspected the pest control records. Found that the records were not up to date. I had the pest control company inspect the premises and provide updated records.
10	10. Inspected the overall cleanliness of the premises. Found that some areas were not being cleaned properly. I had the staff instructed on the correct cleaning procedures and ensured that all areas were kept clean.

Entact H&S Tailgates

Safety Topic: Eastside, Mohawk Drive. Truck driver briefing, speeds on public roads. School Zone active today. Operators communication.

Safety Topic: CAMU, Day: Proper spotting of over the road haul trucks in phase I. Climbing on equipment during icy conditions.

Eastside and CAMU, Night: Low temperatures possible slippery conditions, at decon, trackout areas and roadway.

Safety Incidents: None. Hazardous Recognition. Night haul shut down due to icy conditions at 3:30 am.

Dust Incidents: None.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement of mohawk drive scrape into phase I. (Day shift).
Monitored waste placement of impacted materials from Phase IIIB trench excavation into Phase I. (Day Shift).
Monitored waste placement of Eastside material into phase II. (Night Shift).
Monitor installation of geosynthetics at the North BMI Landfill.
Monitor screening of 1" and 6" minus protective cover soils.
Monitor installation of protective cover soils 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

Entact, Hazardous Recognition, Night haul shut down at 3:30 AM due to icy conditions.

SITE VISITORS

[illegible]

Report Prepared By / Title	Date Prepared	Signature
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Richard Laubinger, Construction Manager 5-Jan-09

Date Prepared	Signature
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5-Jan-09

Signature _____

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB trench excavation continued from NW Detention basin.

Photo 2



Mohawk Drive: Scrape loadout, final day.

Photo 3



CAMU: Screening operation at 200,000 cy stockpile.

Photo 4



CAMU: North BMI Landfill liner installation. Northeast side.