

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	15-Dec-08	158

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 / Partly Sunny	PM	Cloudy / Partly Sunny	Low 32 High 44	NNE 7mph	Precip. (in/Dy.)	Humidity (%)
Additional Weather Comments 0 - 5 mph, in AM. 5 - 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	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	N
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	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/ Seamers	Y	
	Kenney Survey	CAMU	N	
	ABC Survey	Eastside/CAMU	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, BMI North Landfill	-	-	-	-
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:
- Pushing up remaining 1" minus screened material from stockpile by PUA-4.
- Prepared for night haul operations.
- Completed decon of Powerscreener and moved to CAMU at 200,000 cy stockpile.

- Night Shift:
- Continue hauling material from HP-3 stockpile and PUA-4 (Stopped early due to weather).

CAMU Activity:

- Day Shift:
- ESI continued installing geocomposite on BMI Landfill
- Continued backfilling NE Equalization Basin.
- Continued screening material at 200,000 cy stockpile.
- Prepared for night haul operations.
- Night Shift:
- Continue placing material from HP-3 stockpile and PUA-4 in Phase I. (Stopped early due to weather).

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: 6 loads @ 18cy/load = 108 cy. (5 trucks).
- Phase 1 estimated cumulative waste placed: 228,160 cy. Western Ditch, NE Equalization, Eastside beta stockpile and PUA-4, PUB-3.
- Phase 1 Operations Layer placed, completed. Cumulative total: 21,662
- Phase 2 estimated night shift placed: 0 loads @ 18cy/load = 0 cy.
- Phase 2 Operations Layer placed, daily: 0 cy. Adjusted cy per truckload from 20cy to 18cy based on survey. Cumulative total: 37,188 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

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- 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.
- BMI North Landfill GCL placed: (0) sf daily, 330,638 sf cumulative.
- BMI North Landfill Geomembrane: (0) sf daily, 330,638 sf cumulative.
- BMI North Landfill Geocomposite: (20,300) sf daily, (20,300) sf cumulative.

Other: 42" RCP pipe for storm drain delivered. (2 trucks). more to follow.

HEALTH & SAFETY

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

Entact H&S Tailgates

Safety Topic: Eastside: Winter weather forecasted prepare site, proper dress and be prepared for defensive driving..

Safety Topic: CAMU, Day: Winter weather forcasted prepare site, proper dress and be prepared for defensive driving.

Eastside and CAMU, Night shift: Safety in wet conditions, slippery roads, three points of contact getting on and off equipment.

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 installation of waste material in Phase I on the night shift.

Monitored installation of geocomposite on BMI North Landfill.

Monitored backfill and performed compaction testing on NE Equalization basin.

Monitored delivery and offloading of RCP storm pipe.

ISSUES AND/OR ITEMS OF DISCUSSION	
1	1. The first issue is the importance of the research topic. The second issue is the research methodology used. The third issue is the research findings. The fourth issue is the research conclusions. The fifth issue is the research implications. The sixth issue is the research limitations. The seventh issue is the research contributions. The eighth issue is the research reproducibility. The ninth issue is the research transparency. The tenth issue is the research integrity. The eleventh issue is the research ethics. The twelfth issue is the research governance. The thirteenth issue is the research accountability. The fourteenth issue is the research responsibility. The fifteenth issue is the research sustainability. The sixteenth issue is the research innovation. The seventeenth issue is the research collaboration. The eighteenth issue is the research communication. The nineteenth issue is the research dissemination. The twentieth issue is the research impact. The twenty-first issue is the research leadership. The twenty-second issue is the research excellence. The twenty-third issue is the research quality. The twenty-fourth issue is the research standards. The twenty-fifth issue is the research best practices. The twenty-sixth issue is the research benchmarks. The twenty-seventh issue is the research metrics. The twenty-eighth issue is the research indicators. The twenty-ninth issue is the research outputs. The thirtieth issue is the research outcomes. The thirty-first issue is the research results. The thirty-second issue is the research evidence. The thirty-third issue is the research data. The thirty-fourth issue is the research information. The thirty-fifth issue is the research knowledge. The thirty-sixth issue is the research wisdom. The thirty-seventh issue is the research insight. The thirty-eighth issue is the research understanding. The thirty-ninth issue is the research awareness. The fortieth issue is the research recognition. The forty-first issue is the research appreciation. The forty-second issue is the research respect. The forty-third issue is the research honor. The forty-fourth issue is the research glory. The forty-fifth issue is the research fame. The forty-sixth issue is the research reputation. The forty-seventh issue is the research status. The forty-eighth issue is the research position. The forty-ninth issue is the research role. The fiftieth issue is the research influence. The fifty-first issue is the research power. The fifty-second issue is the research authority. The fifty-third issue is the research expertise. The fifty-fourth issue is the research skill. The fifty-fifth issue is the research competence. The fifty-sixth issue is the research capability. The fifty-seventh issue is the research capacity. The fifty-eighth issue is the research potential. The fifty-ninth issue is the research possibility. The sixtieth issue is the research opportunity. The sixty-first issue is the research chance. The sixty-second issue is the research prospect. The sixty-third issue is the research future. The sixty-fourth issue is the research hope. The sixty-fifth issue is the research dream. The sixty-sixth issue is the research vision. The sixty-seventh issue is the research mission. The sixty-eighth issue is the research goal. The sixty-ninth issue is the research objective. The seventieth issue is the research purpose. The seventy-first issue is the research aim. The seventy-second issue is the research intent. The seventy-third issue is the research plan. The seventy-fourth issue is the research strategy. The seventy-fifth issue is the research approach. The seventy-sixth issue is the research method. The seventy-seventh issue is the research technique. The seventy-eighth issue is the research tool. The seventy-ninth issue is the research instrument. The eightieth issue is the research device. The eighty-first issue is the research equipment. The eighty-second issue is the research facility. The eighty-third issue is the research center. The eighty-fourth issue is the research institute. The eighty-fifth issue is the research organization. The eighty-sixth issue is the research institution. The eighty-seventh issue is the research organization. The eighty-eighth issue is the research institution. The eighty-ninth issue is the research organization. The ninetieth issue is the research institution. The ninety-first issue is the research organization. The ninety-second issue is the research institution. The ninety-third issue is the research organization. The ninety-fourth issue is the research institution. The ninety-fifth issue is the research organization. The ninety-sixth issue is the research institution. The ninety-seventh issue is the research organization. The ninety-eighth issue is the research institution. The ninety-ninth issue is the research organization. The one hundredth issue is the research institution.

Discussion of Issues / Concerns / Conversations / Topics

Possible soils material spotted on Warm's Spring Rd. Entact notified and immediately responded by scraping up spots. Street sweeper also made passes.

SITE VISITORS

[illegible]

Report Prepared By / Title

Dick Laubinger, Construction Manager

Date Prepared

15-Dec-08

Signature _____

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Phase I, Iterim cover with visqueen plastic. North slope.

Photo 2



CAMU: Phase I, Iterim cover Northwest corner.

Photo 3



CAMU: Phase IIIB, berm on east side.

Photo 4



CAMU: BMI North Landfill, small sink hole discovered and properly compacted..