



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	18-Mar-09	248

PROJECT POINTS OF CONTACT

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris, On Site	lfarris@landwellco.com	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu, On Site	sahuron@earthlink.net	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5885
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8650

WEATHER CONDITIONS

Conditions	Temp. in	Wind	Attn: Readings
AM Sunny/Clear	70	Sunny/Clear	Low 51 High 77 E 5mph
Actual Wind: 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	Y
Chris White	Asst. Const. Mgr	Construction Management Services	Y
Wayne Hodgson	Asst. Const. Mgr	Construction Management Services	Y
Kevin Cooke	Asst. Const. Mgr	Construction Management Services	Y
Jane 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
Rebecca Flynn	Engineer	Oversight	N
Sam Campbell-Nelson	QA/QC Tech	Oversight	Y
Roland Derouier	QA/QC Tech	Oversight	Y
Caron Liddell	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	Linear Inspector	Y
Devin Gordon, McKinley	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Joe Ludlow, ASW	Inspector	Linear Inspector	N
Steve Morrow, ASW	Inspector	Linear Inspector	N
Brian Rakvica	Inspector	NDEP, On Site	Y
PBS&J, Survey	Surveyors	Survey, NW basin trench remediation	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Erik Geringer	Entact	Project Manager	Y
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	Y
Timothy Sladt	Entact	Health and Safety Technician	Y
Ed Long	Entact	4th Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Safety	N
Dale Walsh	Converse	CSP, Safety	N
El Blackburn	Entact	Asst Project Manager	Y
Environmental Specialties, Inc		1 Liner Superintendent	N
Environmental Specialties, Inc		12 Laborer/Scanners	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift	Y
ABC Survey		Eastside/CAMU, Mohawk Drive	N
Foundation Pile, Inc.		Demobilized	N

ON-SITE EQUIPMENT

Equipment	Vendor / Trg No.	Work Performed	Y/N
CAT D400E Dump Truck (10)		CAMU	-
JD D400 Dump Trucks (9)		Eastside	-
CAT 324D long stick excavator		Eastside	-
CAT D8R Dozer with disc		Eastside	-
CAT 345 excavators, (5)		Eastside and CAMU	-
CAT 330 Excavator		CAMU	-
Case double pan scrapers		Eastside, demobilized	-
CAT D6 LGP Dozer (1)		Eastside	-
Water Trucks (2)		Eastside	-
JD450 Dozer		CAMU	-
CAT 16H Grader		CAMU	-
CAT D-10 Dozer		CAMU	-
Water Trucks (3)		CAMU	-
CAT D-6 Dozer, (3)		CAMU	-
CAT 14H Grader		CAMU	-
Grassall		CAMU	-
UG		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	-
(1) Crane		Sheet pile driving. Installed, (1) Crane remains.	-

MATERIAL HANDLING - (ON-SITE DELIVERY / REMOVAL)

Material	Vendor	Today	UOM	Purpose	Delivery Vehicle #
GCL	CETCO	0	rolls	For CAMU, On site	1288

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Geocomposite	Agro	0 rolls	For CAMU, On site
Geomembrane	Agro	0 rolls	For CAMU, On site

WORK COMPLETED

Characterization of Work Environment Today

Eastside Mixing and Drying Activity:

Day Shift:

- Finished final scrape in PUA-5 and began PUA-6, hauled to SW-2.
- Continued hauling and spreading wet material from SW-7 to PUE and PUF ponds.
- Continued mixing and stockpiling material in SW-2 and HP-3.

Night Shift:

- Continued hauling material from the Beta ditch and SW-2 stockpiles.

CAMU Activity:

Day Shift:

- Continued excavating east end of Silt trench, NW-1, loading and hauling white/gray and gravel material to Phase II.
- Continued excavating to the east in Silt trench, SW-2, loading and hauling trash and gravel to Phase II.
- Continued installation of 42" RCP storm drain piping east. Oval pipe.
- Continued screening 1" and 6" soils stockpiling in berm along entrance haul rd.
- Hauled and placed 6" minus soils to BM North, west end.
- Phase IIIB continued excavating west slope and grading floor.
- Began trench excavation east from concrete wall. Haul and placed in Phase II.

Night Shift:

- Continued placing material in Phase II landfill.

Embankment

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

Other:

Inspections: CAMU: NW-1 continuing east, encountering white/gray with gravel material.
SW-2, continuing east, encountering trash, steel drums and gravel material.
Phase IIIB, trench excavation, east from concrete wall. White/gray soils, steel drums and concrete, mixed.

Eastside: PUA-5, continuing west, some black spots removed on floor and north berm.

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I

Previous Daily Cumulative =	291,200	cy
Operations layer placed (completed) for liner certification. = 21,662	0	cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0	cy
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	0	cy
To Date Phase I estimated cumulative waste placed =	291,200	cy

Phase II

Previous Daily Cumulative =	422,348	cy
Operations layer placed (completed) for liner certification. = 37,188	0	cy
Daily Day shift waste placed today: NW Basin/Phase IIIB trench (51) loads @ 18 cy/load (2) trucks =	918	cy
Daily Day shift waste placed today: Silt Trenches, (111) loads @ 18cy/load (5) trucks =	1,998	cy
Daily Night shift placed today: (281) loads @ 18cy/load (20) trucks =	5,058	cy
To Date Phase II estimated cumulative waste placed =	430,322	cy

Phase IIIA

Previous Daily Cumulative =	21,492	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	0	cy
Operations layer staged in Phase IIIA for day placement (ongoing) for liner certification: (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	0	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	0	cy
To Date Phase IIIA estimated cumulative waste placed =	21,492	cy

Cummulative Total To Date All Phases =	Estimated Waste at Completion (cy)	% Complete
743,014 cy	2,050,000	36.2%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cummulative
GCL	307,372	0	307,372
Geomembrane	307,372	0	307,372
Geocomposite	307,372	0	307,372
Geotextile	69,340	0	69,340
Phase II (complete)	Previous	Placed	Cummulative
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
Phase IIIA	Previous	Placed	Cummulative
GCL	221,000	0	221,000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB	Previous	Placed	Cummulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase IV	Previous	Placed	Cummulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0
Phase V	Previous	Placed	Cummulative
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	0	0

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Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

HEALTH & SAFETY	
<i>Description of Month & Safety Activity: Safety Topic: Safety Equipment Conducted</i> Safety Topic: Eastside Day: Discussed signs and symptoms of heat stress and slowing down around corners. CAMU Day: Discussed signs and symptoms of heat stress and slowing down around corners. CAMU & Eastside Night Shift: Discussed hazard communication and hazard recognition.	

Daily COA Summary:
 Monitored waste placement into the Phase II Landfill of all trench materials on the day shift.
 Monitored waste placement into the Phase II Landfill of excavator materials on the night shift.
 Monitored installation of 42" stormwater piping system.
 Monitored earthwork construction at the HWY Detention Basin.
 Monitored placement of 1" minus material at BMI North, North slope.
 Continue review of and updating of project documents and database to facilitate reporting.

Brian Rakovec, NDEP, Devin Gordon, MGA, met with Ron Sahu, BRC and visited areas to be remediated in the near future, immediately following the Plan of the Day Meeting.

[illegible]

Weather Table	
Sunny/Clear	☀
Sunny / Party Cloudly	☀☁
Cloudy / Partly Sunny	☁☀
Cloudy	☁
Overcast	☁☁☁
Light Rain	☔
Rain	☔☔☔
Thunderstorms	⚡
Snow	❄

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Slit trench, NW-1.

Photo 2



CAMU: Slit trench, NW-3.

Photo 3



CAMU: Powerscreening on berm along entrance rd.

Photo 4



CAMU: Phase IIIB trench continuation at concrete wall. Going east.