



DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No. / Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	16-Apr-09	277

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	sahuron@earthlink.net	702-567-0400
CONSULTANT PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.com	970-260-5886
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolutions.com	720-641-8660

WEATHER CONDITIONS

Conditions	Temp (°F)	Wind	Atmos. Readings
AM Sunny / Partly Cloudy	Low 48 High 68	N 15 mph	Precip. (in) 0 Humidity (%)
National Weather Service Light wind - 15 mph.			

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/QC Supervisor	Oversight	Y
Jim Cox	Engineer	Oversight	N
Robecca Flynn	QA/QC Tech	Oversight	N
Sam Campbell Nelson	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	Y
Camron 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	Liner Inspector	Y
Devlin Gordon, McGraw-Hill	Oversight	For NDEP	Y
Dock Kim, AIC	Field Observation	For AIC	Y
Joe Ludlow, ASW	Inspector	Liner Inspector	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
Brian Rakvica	Inspector	NDEP	N
PBS&J, Survey	Surveyors	Survey	N

ON-SITE CONTRACTOR PERSONNEL

Name	Company	Trade / Work Performed	Y/N
Enk Geringer	Entact	Project Manager	N
Jeremy Schlusser	Entact	Acting Project Manager	Y
Josh Carroll	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla	Entact	Health & Safety Officer	N
Timothy Stadt	Entact	Health and Safety Technician	Y
Ed Long	Entact	4th Equipment Operators & Truck Drivers	Y
Lance Bruce	Entact	CAMU, Superintendent	Y
Terry Harper	Entact	Health & Safety Officer	Y
Rick McIntire	Entact	CAMU, Superintendent	Y
Dale Walsh	Converse	CSP, Safety	N
El Blackburn	Entact	CSP, Safety	N
	Entact	Asst Project Manager	Y
	Environmental Specialists, Inc	1 Liner Superintendent	N
	Environmental Specialists, Inc	12 Laborers/ Steers	N
Carol McIntire	Entact	Health & Safety Officer	Y
Roger Wagner	Entact	Eastside, Superintendent, Night Shift.	Y
	ABC Survey	Eastside/CAMU	Y
	Foundation Pile, Inc. (6)	Mobilized on site, removing sheets at SW-2.	Y
Russell Kames	Entact	Superintendent	Y

ON-SITE EQUIPMENT

Equipment	Vendor / Tag No.	Work Performed	Y/N
CAT D400E Dump Truck (10)		CAMU	-
JD D400 Dump Trucks (10)		Eastside	-
CAT 324D long stick excavator		Eastside	-
CAT D6H Dozer with disc, (1)		Eastside	-
CAT 345 excavators, (8)		Eastside and CAMU, Southern rib	-
CAT 330 Excavator (1)		CAMU	-
Kobelco Excavator, (1)		CAMU	-
CAT D6 LGP Dozer (1)		Eastside	-
Water Trucks (3)		Eastside	-
Case backhoe		CAMU	-
CAT 16H Grader		CAMU	-
CAT D-10 Dozer		CAMU	-
Water Trucks (4)		CAMU	-
CAT D-6 Dozer, (3)		CAMU	-
CAT 14H Grader		CAMU	-
Gradall		CAMU	-
JLG		CAMU	-
Smooth drum Rollers, (3)		CAMU	-
Tenest Street Sweeper		Eastside and CAMU	-
CAT Loader		CAMU, Phase 1	-
Chertlain 1400 Powerscreener		CAMU	-
(1) Crane		Removing sheetpiles (1) Crane.	-

MATERIAL HANDLING / ON-SITE DELIVERY / REMOVAL

Material	Vendor	Today	UOQ	Purpose	Inventory Verification
GCL	CETCO	0	rolls	For CAMU, On site	1612

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Geocomposite	Agro	0	rolls	For CAMU, On site	2373
Geomembrane	Agro	0	rolls	For CAMU, On site	514

WORK COMPLETED

Disruption of Work Event out Today

Eastside Mixing and Drying Activity

Day Shift

- First excavator continued final scrape from the floor in PUC- 5 & PUD-4, hauled material to Beta ditch staging area.
- Second excavator loading debris from south of PUD-3, and hauling material to lined debris storage area.
- Third excavator, excavating North Beta ditch and hauling material to Beta ditch staging area.
- Spreading and drying material previously placed.
- SW-12, pH: 6

Night Shift

- Hauling material from the Beta ditch and SW-2.

CAMU Activity

Day Shift

- Continued subgrade preparation in Phase IIIB.
- Continued preparing South slope and North slope in Phase IIIB moving east
- Phase II LCRS pumped. No measurements taken today.
- Foundation Pile driving, Inc. removing sheets, Entact deconing with two pressure washers as they come out.
- NW-1, Silt trench, loading out and hauling to Phase II.
- Trash pickup in Phase II and IIIA when needed.
- Manhole # 4 no activity.

Night Shift

- Placing material in Phase II and IIIA.

Embankment

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

Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (N/A). Water Pumped: N/A.
Vadose: Measurement taken: (N/A). Water Pumped: N/A.
Phase II: LCRS Sump: Measurement taken: (N/A). Water Pumped: 390 gallons.
Vadose: N/A.

Inspections: CAMU: Weston monitored sump access.
NW-1, Silt trench, white/grey material

Eastside: Perimeter fence, no findings, secure.

Weston noted to contractor that south of PUD-4, debris piles will be relocated to debris storage area.

Weston night shift saw two inspections. All John Derrin's were attended on the decon pad 1st round to down decon front

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 cy
Daily Day shift waste placed today: Phase IV,V scrape & 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 = 516,720 cy
Operations layer placed (completed) for liner certification = 37,168 cy
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks = 0 cy
Daily Day shift waste placed today: Silt Trenches, (105) loads @ 18cy/load (4) trucks = 1,890 cy
Daily Night shift placed today: (45) loads @ 18cy/load (8) trucks = 810 cy
To Date Phase II estimated cumulative waste placed = 519,420 cy

Phase IIIA

Previous Daily Cumulative = 70,488 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 0 cy
Operations layer placed (completed for liner certification = 21,276 cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks = 0 cy
Daily Night shift waste placed today: (229) loads @ 18cy/load (19) trucks = 4,122 cy
To Date Phase IIIA estimated cumulative waste placed = 74,610 cy

Cummulative Total To Date All Phases =	885,230 cy	Estimated Waste at Completion (cy)	2,050,000	% Complete	43.2%
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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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BMI South			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0

Debris Storage Area (complete)			
Geomembrane	12,000	0	12,000

	Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope	
Geosynthetic System Cumulative Total To Date All CAMU	2,138,308	4,151,232	51.5%	6,534,075	32.7%

HEALTH & SAFETY	
<i>(Subject of Meeting & 30-Second Safety Talk Today - 100% Participation Confirmed)</i> Safety Topics: Eastside Day: Discussed housekeeping sharing trucks and equipment with night shift. CAMU Day: Discussed housekeeping sharing trucks and equipment with night shift. CAMU & Eastside Night Shift: Decon scaffold workers do not extend body beyond rails. Improvements are in the works.	

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	
<u>Daily CQA Summary.</u> Monitored waste placement from the eastside in Phase II and IIIA on the night shift. Monitored waste placement of silt trench material during the day shift in Phase II. Monitored subgrade preparations in Phase IIIS. Monitored excavation and backfilling operations in Phase IV. Continue review of and updating of project documents and database to facilitate reporting.	

ISSUES AND OR ITEMS OF DISCUSSION
Proceedings of Issues / Questions / Comments / Etc. For use Pictures taken of eastside pond SW-12, some foam had developed. pH reading of (6) taken.

[illegible]

Report Prepared By / Title	Date Prepared	Signature
Richard Laubinger, Construction Manager	16-Apr-09	

Sunny/Clear	☀
Sunny / Partly Cloudy	☂
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: Phase 3B

Photo 2



CAMU: Phase 3B.

Photo 3



CAMU: Phase 3B. Sheet pilings.

Photo 4



CAMU: Decontamination of sheet piling.