

DAILY PRODUCTION & QUALITY CONTROL REPORT

| Project No./Contract No. | Project Title / Location | Day of Report | Report No. |
|--------------------------|---|---------------|------------|
| 6389 | BRC Eastside Common Areas Soils Remediation | 30-Jan-09 | 201 |

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 | sahur@earthlink.net | 702-567-0400 |
| CONST. PROJECT MANAGER | Dan Brennecke | Dan.Brennecke@westonsolutions.com | 970-250-5555 |
| Construction Manager | Richard Laubinger | Richard.Laubinger@westonsolutions.com | 720-641-9550 |

WEATHER CONDITIONS

| Conditions | | | | Temp (°C) | | Wind | | Add'l Readings | | | |
|-----------------------------|-------------|----|-------------|-----------|----|------|----|----------------|-------|-----------------|--------------|
| AM | Sunny/Clear | PM | Sunny/Clear | Low | 44 | High | 65 | Wind | 10mph | Precip. (in/hr) | Humidity (%) |
| Additional Weather Comments | | | | | | | | | | | |
| | | | | | | | | | | | |

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 |
| 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 | N |
| Jim Cox | QA/QC Supervisor | Oversight | N |
| Rebecca 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 |
| 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 Elzman, 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 | N |
| PBS&J, Survey | Surveyors | | N |

ON-SITE CONTRACTOR PERSONNEL

| Name | Company | Trade / Work Performed | Y/N |
|-----------------|--------------------------------|--|-----|
| Erik Geringer | Entact | Project Manager | N |
| 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 |
| Ed Long | Entact | 48 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 |
| Eli Blackburn | Entact | CSP, Safety | Y |
| | Environmental Specialists, Inc | Asst Project Manager | Y |
| | Environmental Specialists, Inc | 1 Liner Superintendent | Y |
| | Environmental Specialists, Inc | 12 Laborers/ Seamers | Y |
| Jeremy Schlaser | Entact | Acting Project Manager | Y |
| Roger Wagner | Entact | Eastside, Superintendent, Night Shift. | Y |
| | ABC Survey | Eastside/CAMU, Mohawk Drive. | Y |
| | Foundation Pile, Inc. | (8) Sheet Piling Crew | Y |
| | | | |
| | | | |
| | | | |
| | | | |

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 | | Eastside | - | - | - | - |
| CAT D8R Dozer with disc | | Eastside | - | - | - | - |
| CAT 345 excavator, (5) | | Eastside and CAMU | - | - | - | - |
| CAT 330 Excavator | | CAMU | - | - | - | - |
| Case double pan scrapers. | | Eastside, demolished. | - | - | - | - |
| CAT D6 LGP Dozer (1) | | Eastside | - | - | - | - |
| Water Trucks (2) | | Eastside | - | - | - | - |
| JD450 Dozer | | CAMU | - | - | - | - |
| CAT 14H Grader | | CAMU | - | - | - | - |
| CAT D-10 Dozer | | CAMU | - | - | - | - |
| 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 | - | - | - | - |
| Bornag Smooth drum Roller | | CAMU, Phase 1 | - | - | - | - |
| Chieftain 1400 Powerscreener | | CAMU, screening 1" & 6" minus | - | - | - | - |
| (2) Cranes | | Sheet pile driving. | - | - | - | - |

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|--|--|--|--|--|--|--|--|--|--|

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)

| Material | Vendor | Today | UOM | Purpose | Delivery Verification | | | |
|--------------|--------|-------|-------|-------------------|-----------------------|-----|------|--------|
| | | | | | To / From | To | From | 1 Area |
| GCL | CETCO | 0 | rolls | For CAMU, On site | | 830 | | |
| Geocomposite | Agru | 27 | rolls | For CAMU, On site | | 993 | | |
| Geomembrane | Agru | 0 | rolls | For CAMU, On site | | 258 | | |

WORK COMPLETED

Description of Work Executed Today:

Eastside Mixing and Drying Activity:

Day Shift:

- Stockpiled/drying material in SW-2, PUA-5.
- Pumping water from SW-7 - SW-12.
- Excavating in PUB-5, below design excavation depth and hauling material to the Beta ditch and SW-2.
- Continued mixing and drying material with long stick excavator in 7A ponds.
- Moisture conditioning beta ditch.

Night Shift:

- Hauled material from HP-3 and PUA-5 to Phase II.
- Stockpiled daily cover for upcoming silt trench material placement in Phase II.

CAMU Activity:

Day Shift:

- Screening soils from Berns along haul rd.
- Hauled/placed 1" and 6" minus cover soils on N. BMI Landfill.
- Excavating contaminated soils from NW Basin/Phase IIIB and hauled/placed in Phase II.
- ESI placed GCL and Geomembrane liner on Phase IIIA.
- Excavated silt trench material from NW-2, placed in Phase II. Shut down operations at 2:25PM, due to fire in excavation. (See issues below).
- Work resumed at 3:10PM, except in silt trenches.
- Chemloc sprayed on Phase IV and V scrape areas.

Night Shift:

- Placed materials in Phase II from the eastside.

Embankment

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

Other: Foundation Pile, Inc., No work.

Inspections:

Weston entered Level B area and inspected silt trench NW-3. West end. Up to Phase IV border. No visible waste remaining on floor and walls. Approved for backfill. Overburden that had been stockpiled was visually inspected and approved to be used for backfill.

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

Phase I

| | |
|---|-------------------|
| Previous Daily Cumulative = | 269,538 cy |
| Operations layer placed (completed) = 21,662 | 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 = | 198,902 cy |
| Operations layer placed (completed) = 37,188 | 0 cy |
| Daily Day shift waste placed today: Phase IV,V scrape,Silt Trench excavation & Phase IIIB trench excavation. (92) loads @ 20 cy/load (5 trucks) = | 1,840 cy |
| Daily Night shift placed today: 290 loads @ 18cy/load (19 trucks) = | 5,220 cy |
| To Date Phase II estimated cumulative waste placed = | 205,962 cy |

| | | | |
|--|-------------------|---|-------------------|
| Cumulative Total To Date All Phases = | 497,162 cy | Estimated Waste at Completion (cy) | % Complete |
| | | 2,200,000 | 22.6% |

Geosynthetics Placed

| | Previous Daily Cum (sf) | Placed Today (sf) | Cumulative Placed to Date (sf) |
|----------------------------|-------------------------|-------------------|--------------------------------|
| Phase I (complete) | | | |
| 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) | | | |
| GCL | 498,468 | 0 | 498,468 |
| Geomembrane | 498,468 | 0 | 498,468 |
| Geocomposite | 520,592 | 0 | 520,592 |
| Geotextile | 0 | 0 | 0 |
| Phase IIIA | | | |
| GCL | 100,000 | 35000 | 135,000 |
| Geomembrane | 100,000 | 35000 | 135,000 |
| Geocomposite | 0 | 0 | 0 |
| Geotextile | 0 | 0 | 0 |
| Phase IIIB | | | |
| GCL | 0 | 0 | 0 |
| Geomembrane | 0 | 0 | 0 |
| Geocomposite | 0 | 0 | 0 |
| Geotextile | 0 | 0 | 0 |
| Phase IV | | | |
| GCL | 0 | 0 | 0 |
| Geomembrane | 0 | 0 | 0 |
| Geocomposite | 0 | 0 | 0 |
| Geotextile | 0 | 0 | 0 |
| Phase V | | | |
| GCL | 0 | 0 | 0 |
| Geomembrane | 0 | 0 | 0 |
| Geocomposite | 0 | 0 | 0 |
| Geotextile | 0 | 0 | 0 |

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| BMI North | | | |
| GCL | 1,033,388 | 0 | 1,033,388 |
| Geomembrane | 1,033,388 | 0 | 1,033,388 |
| Geocomposite | 735,000 | 0 | 735,000 |

| | | | |
|------------------|---|---|---|
| BMI South | | | |
| GCL | 0 | 0 | 0 |
| Geomembrane | 0 | 0 | 0 |
| Geocomposite | 0 | 0 | 0 |

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

| | | | |
|-------------------|---|---|---|
| CAMU Cover | | | |
| GCL | 0 | 0 | 0 |
| Geomembrane | 0 | 0 | 0 |
| Geocomposite | 0 | 0 | 0 |

| | | 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 Phases + BMI N&S (sf) = | 1,974,228 | 4,151,232 | 47.6% | 6,534,075 | 30.2% |

HEALTH & SAFETY

Demographic of Height & Safety Animate Taken Today - Safety Inspections Conducted

Entact H&S Tailgates

Safety Topic: Eastside, Day: Discussed speeds on the haul roads.

Safety Topic: CAMU, Day: Discussed traffic safety on the haul roads. Watch for visitors etc.

Eastside and CAMU, Night: Discussed truck drivers Friday night focus on drivers on the highway.

Safety Incidents: (1.) Medical emergency, truck driver experiencing stomach pain, transported to the hospital via ambulance.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Department of Quality Control & Assurance / TQM / Quality Improvement / Customer

Daily CQA Summary

Monitored waste relocation and waste placement from Eastside to CAMU Phase II on the night shift.

Monitored proofrolling of waste at phase II.

Monitored screening operation at the Berms next to ingress Camu haul rd.
Monitored the installation of coarse soil at the North DMU landfill

| | |
|---|--|
| Monitored the installation of cover soil at the North BMI Landfill. | |
| Monitored the installation of GCL and Geomembrane liner in Phase IIIA | |

Monitored the installation of GCL and Geomembrane liner in Phase IIIA.
Continuous review of and updating of project documents and database to facilitate reporting

Monitored waste placement in Phase II during day shift. Phase IIIB trench excavation & slit trench S1T4W.

Monitored waste placement in Phase II during day shift, Phase IIIB trench excavation & silt trench SCL4W,
Inventory delivery of geosynthetics, 27 rolls of geocomposite.

| ISSUES AND/OR ITEMS OF DISCUSSION | |
|-----------------------------------|--|
| 1 | 1. The first issue is the importance of the research topic. |
| 2 | 2. The second issue is the methodology used in the study. |
| 3 | 3. The third issue is the results of the study. |
| 4 | 4. The fourth issue is the conclusions drawn from the study. |
| 5 | 5. The fifth issue is the implications of the study. |
| 6 | 6. The sixth issue is the limitations of the study. |
| 7 | 7. The seventh issue is the future research directions. |
| 8 | 8. The eighth issue is the overall contribution of the study. |
| 9 | 9. The ninth issue is the ethical considerations of the study. |
| 10 | 10. The tenth issue is the funding sources of the study. |
| 11 | 11. The eleventh issue is the dissemination of the study results. |
| 12 | 12. The twelfth issue is the impact of the study on the field. |
| 13 | 13. The thirteenth issue is the reproducibility of the study. |
| 14 | 14. The fourteenth issue is the transparency of the research process. |
| 15 | 15. The fifteenth issue is the collaboration between researchers. |
| 16 | 16. The sixteenth issue is the communication of research findings. |
| 17 | 17. The seventeenth issue is the peer review process. |
| 18 | 18. The eighteenth issue is the open access movement. |
| 19 | 19. The nineteenth issue is the data sharing practices. |
| 20 | 20. The twentieth issue is the preprint culture. |
| 21 | 21. The twenty-first issue is the impact of social media on research. |
| 22 | 22. The twenty-second issue is the role of funding agencies. |
| 23 | 23. The twenty-third issue is the influence of policy on research. |
| 24 | 24. The twenty-fourth issue is the importance of interdisciplinary research. |
| 25 | 25. The twenty-fifth issue is the need for research reform. |
| 26 | 26. The twenty-sixth issue is the role of universities in research. |
| 27 | 27. The twenty-seventh issue is the importance of research ethics. |
| 28 | 28. The twenty-eighth issue is the need for research integrity. |
| 29 | 29. The twenty-ninth issue is the importance of research quality. |
| 30 | 30. The thirtieth issue is the need for research excellence. |

Puccinia sp. / *Coccinea* / *Gymnosporangium* / *Sphaeria*

| | |
|--|------|
| (1.) Medical emergency, truck driver experiencing stomach pain, transported to the hospital via ambulance. | (2.) |
|--|------|

Excavator operator in Camu at slit trench reported a fire in the trench. Numerous drums ranging from 55 gallon to 35 gallon size were reported as being the source. The drums were corroded and open. A Stop Work was called. All workers left the work area. Henderson Fire Dept responded. Contact was told to let them burn out.

SITE VISITORS

[illegible]

| | | |
|----------------------------|---------------|-----------|
| Report Prepared By : Title | Date Prepared | Signature |
|----------------------------|---------------|-----------|

Richard Laubinger, Construction Manager 30-Jan-09

| | |
|---------------|-----------|
| Date Prepared | Signature |
|---------------|-----------|

30-Jan-09

Signature _____

Weather Table

Sunny/Clear 66

Sunny / Party Cloudly ☺

Cloudy / Partly Sunny

Cloudy ☁

Overcast m

Light Rain 76

Rain

Thunderstorms ¥

Snow *et al.*

Basic Remediation Company

875 West Warm Springs Road
Henderson, Nevada 89011

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DAILY PHOTO LOG

Photo 1



CAMU: Slit trench SLT4W, excavation.

Photo 2



CAMU: McGinley and Weston Inspecting slit trench, SLT5W, looking west.

Photo 3



CAMU: Phase IIIB, excavation, looking south.

Photo 4



.CAMU: Chemloc surfactant, sprayed on Phase IV & Phase V.