## Basic Remediation Company 875 West Warm Springs Road Henderson, Nevada 89011



#### **DAILY PRODUCTION & QUALITY CONTROL REPORT**

| Project No./Contract No. | Project Title / Location                           | Day of Report | Report No |
|--------------------------|--|---------------|-----------|
| 6389                     | <b>BRC Eastside Common Areas Soils Remediation</b> | 19.000.09     | 161       |
|                          |  | 18-Dec-08     | 161       |

| 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 |  |

|                | C           | onditions               |                       | Tem  | p (F) | W | /ind          | Add'l Readings |
|----------------|-------------|-------------------------|-----------------------|------|-------|---|---------------|----------------|
| AM Sunny/Clear | PM Clou     | Olevato / Deaths Course | Low 33                |      | p     |   | Precip. (mDy) |                |
| Aut.           | Sunny/Clear | PM                      | Cloudy / Partly Sunny | High | 44    | S | 6mph          | Humidity (%)   |

None

| 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   |
|                |                      |                                   |     |
|                |                      |                                   |     |
|                |                      |                                   |     |

| 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              | N   |
| 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, Set up new areas at CAMU | N   | _ |
| 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        | 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          | Y   |
| 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                            | Y   |  |
| Dale Walsh      | Converse | CSP, Safety                            | N   |  |

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#### **DAILY PRODUCTION & QUALITY CONTROL REPORT**

| ct No./Contract No. Project Title / Location |   | Report No.                                  |  |
|--|---|---|--|
| BRC Eastside Common Areas Soils Remediation  | 18-Dec-08                               | 161   |  |
|  | #1000000 100000000000000000000000000000 | BRC Eastside Common Areas Soils Remediation |  |

| 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   |
|                               |   |   |
|                               |   |   |
|                               |   |   |
|                               | Environmental Specialties,Inc<br>Environmental Specialties,Inc<br>Kenney Survey | Environmental Specialties,Inc Environmental Specialties,Inc Environmental Specialties,Inc 1 Liner Superintendent 12 Laborers/ Seamers  Kenney Survey CAMU |

| Equipment                     | Vendor / Tag No. | Work Performed               | _ | -   | - 1 |     |
|-------------------------------|------------------|------------------------------|---|-----|-----|-----|
| CAT D400E Dump Truck (10)     |                  | CAMU                         | - |     | 100 | -   |
| JD D400 Dump Trucks (9)       |                  | Eastside                     |   |     |     |     |
| CAT 324D long stick excavator |                  | CAMU                         |   |     |     |     |
| CAT D8R Dozer with disc       |                  | Eastside                     |   |     |     |     |
| CAT 345 excavator, (3)        |                  | Eastside                     |   | (e) |     |     |
| CAT 330 Excavator             |                  | Eastside                     |   |     |     |     |
| Case double pan scrapers.     |                  | Eastside                     |   |     |     |     |
| CAT D6 LGP Dozer (1)          |                  | Eastside                     |   |     |     | - 9 |
| 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  |                  | Eastside, screening 1" minus |   |     |     |     |
|                               |                  |                              |   |     |     |     |
|                               |                  |                              |   |     |     |     |
|                               |                  |                              |   |     |     |     |

| Material Vendor | Vandor | Today  | UOM     | Purpose           | - 0 | elivery \ | /erificatio | in |
|-----------------|--------|--------|---------|-------------------|-----|-----------|-------------|----|
|                 | Toury  | iy dom | Eurpose | 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

#### Eastside Mixing and Drying Activity:

- Day Shift:
- Mixed wet material into dry ponds
- Prepared for night haul operations.
  Cleaned out HDPE pipe to prepare to start pumping water again.
- Continue hauling material from HP-3 stockpile and PUA-4 stockpile.

#### CAMU Activity:

- Continued first lift push-out of 1-inch minus on the BMI North Landfill
   Continued 6" scrape on Phase IIIB
   Continued screening material at 200,000 cy stockpile.

- Prepared for night haul operations.
- Night Shift:
- Started installation of the wash bath for trucks
- Screened material at the 200,000cy stockpile using the powerscreen Continued first lift push-out of 1-inch minus on the BMI North Landfill

#### Embankment

- Phase 1 embankment, complete.
- Phase 1 estimated cummulative embankment placed: 0 cy
- Phase II embankment, complete.

#### Waste Placement

- Phase 1 estimated daily waste placed: 66 loads @ 20cy/load = 1,320cy.
  - night shift placed: 0 loads @ 18cy/load = 0 (0 trucks).
- Phase 1 estimated cummulative waste placed: 234,016cy. Western Ditch, NE Equilization, Eastside beta stockpile, Phase IIIB and PUA-4.PUB-3,HP-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.

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Geosynthetics. Estimated cummulative installed quantity by Phase.

Phase 1 GCL placed:0 sf daily, 307,372 sf cummulative.

Phase 1 Geomembrane:0 sf daily, 307,372 sf cummulative

Phase 1 Geocomposite: 0 sf daily, 307,372 sf cummulative.

- Phase 1 Geotextile: (0) sf daily. 69,340 sf cummulative. -Phase 2 GCL placed: (0) sf daily, 498,468 sf cummulative. -Phase 2 Geomenbrane: (0) sf daily, 498,468 sf cummulative.

Phase 2 Geocomposite: (0) sf daily, 520,592 sf cummulative. -BMI North Landfill GCL placed: (0) sf daily, 330,638 sf cummulative. -BMI North Landfill Geomembrane: (0) sf daily, 330,638 sf cummulative.

-BMI North Landfill Geocomposite: (95,700) sf daily, (116,000) sf cummulative.

#### **HEALTH & SAFETY**

Entact H&S Tallgates
Safety Topic: Eastside: Winter driving conditions.

Safety Topic: CAMU, Day: Winter driving conditions.

Eastside and CAMU, Night shift: Working in cold conditions.

Safety Incidents: None.

Dust Incidents: None.

| CONSTRUCTION QUALITY ASSURANCE & QUALITY | CONTRO |
|--|--------|
|--|--------|

Dally CQA Summary..

Monitored installation of waste material in Phase I on the.

Monitored protective cover placement on BMI North Landfill.

Monitored delivery and offloading of RCP storm pipe.

Continued review of and updating of project documents and database to facilitate reporting.

#### ISSUES AND/OR ITEMS OF DISCUSSION

| E VISITORS |              |                  |  |  |
|------------|--------------|------------------|--|--|
| Name       | Organization | Purpose of Visit |  |  |
|            |              |                  |  |  |
|            |              |                  |  |  |
|            |              |                  |  |  |
|            |              |                  |  |  |
|            |              |                  |  |  |
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|            |              |                  |  |  |
|            |              |                  |  |  |
|            |              |                  |  |  |

Chris White, Assistant Construction Manager

19-Dec-08

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| 0                        | 0   | 18-Dec-08     | 161        |

### **DAILY PHOTO LOG**

Photo 1



CAMU: BMI Landfill North, 3 foot road construction with 1-inch minus material.

#### Photo 2



CAMU: BMI North Landfill, north slope.

Photo 3



CAMU: BMI Landfill North, water runoff to the north.

Photo 4



CAMU: BMI Landfill North, first lift pushout.

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