



| DAILY PRODUCTION & QUALITY CONTROL REPORT | | | | | |
|---|---|---------------|------------|--|--|
| Project No./Contract No. | Project Title / Location | Day of Report | Report No. | | |
| 6389 | BRC Eastside Common Areas Soils Remediation | 08-Jan-10 | 535 | | |

| PROJECT POINTS OF CONTACT | | | | | | | |
|---------------------------|-------------------|----------------------------------|--------------|--|--|--|--|
| Position | Name | E-Mail Address | Phone No. | | | | |
| BRC PROJECT MANAGER | Lee Farris | Ifarris@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 | | | | | | | | | |
|--------------------|--|---------|-------------------------|-----|--------|--------------|-----|------------------|----------|
| | Cond | litions | | Ten | tp (F) | W | ind | Add'l I | Readings |
| AM | Communication Classics | PM | Common (Parato Clause) | Low | 36 | | | Precip. (In/Dy.) | 0 |
| Am | M Sunny / Party Cloudy PM Sunny / Party Cloudy | High | 60 | N | | Humidity (%) | 0 | | |
| Additiona | Weather Comments | | | | | | | | |

| Name | Position | Trade / Work Performed | Y/N |
|----------------|----------------------|-----------------------------------|-----|
| Dick Laubinger | Construction Manager | Construction Management Services. | Y |
| Dan Brennecke | Project Manager. CM | Construction Management Services. | N |
| Chris White | Assist. Const. Mgr | Construction Management Services. | Y |
| Kevin Cooke | Assist. Const. Mgr | Construction Management Services. | Y |
| June Laubinger | Admin Assistant | Construction Management Services. | Y |
| | | | |
| | | | |
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| | | | |
| | | | |

| 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 |
| Camon Liddell | QA/QC Tech | Oversight | Y |
| Graciano Malana | QA/QC Tech | Oversight | Y |
| Victor Heredia | QA/QC Tech | Oversight | Y |
| John Duncan | QA/QC Tech | Oversight | Y |
| | | | |

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

| OVERSITE PERSONNEL | | | | | | | |
|--------------------|-----------|------------------------|-----|--|--|--|--|
| Name | Position | Trade / Work Performed | Y/N | | | | |
| Bob Meyer, ASW | Inspector | Liner Inspector, | Y | | | | |
| Devin Gordon, MGA | Oversight | For NDEP | Y | | | | |
| | | | | | | | |
| Brian Rakvica | Inspector | NDEP | N | | | | |
| Steve Morrow, ASW | Inspector | Liner Inspector | N | | | | |
| | | | | | | | |
| PBS&J, Survey | Surveyors | Survey | N | | | | |

| PBS&J, Survey | Surveyors | Survey | N | |
|----------------------|-------------|--|-----|---|
| ON-SITE CONTRACTO | R PERSONNEL | | | |
| Name | Company | Trade / Work Performed | Y/N | |
| Erik Gehringer | Entact | Project Manager | N | _ |
| Eli Blackburn | Entact | Asst Project Manager | Y | |
| Josh Carrol | Entact | Asst Project Manager, Eastside Manager | Y | |
| Michael Carlson | Entact | Engineer | Y | _ |
| Joe Curilla, Day | Entact | Health & Safety Officer | Y | - |
| Timothy Stadt, Day | Entact | Health and Safety Officer | N | |
| Roger Wagner, Night | Entact | Eastside, Superintendent | Y | |
| Russell Karnes | Entact | CAMU, Superintendent, Western Hook. | Y | |
| Lance Bruce, Night | Entact | Health & Safety Officer | Y | |
| Terry Harper, Night | Entact | CAMU, Superintendent | Y | _ |
| Rick McIntire | Entact | CSP, Health & Safety | N | |
| Scott Zattau, Day | Entact | Health & Safety Officer | Y | |
| Jose Martinez, Night | Entact | Health & Safety Officer | Y | |
| Dawn Breedlove | Entact | Health & Safety Technician | Y | _ |
| | | | | _ |
| | | | | _ |
| | | | | _ |
| | | Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized. | Y | |
| | ABC Survey | Eastside/CAMU/Western Hook | N | |

| ON-SITE EQUIPMENT | | | | | | | | |
|-------------------------------|--------------------------|----------|---------|-------------------|---------|------------|-------------|-----|
| Equipment | Vendor / Tag No. | | | Work Performed | - | | | |
| CAT D400E Dump Truck (10) | | CAMU | | | - | - | - | |
| JD D400 Dump Trucks (10) | | Eastsid | le | | | - | - | |
| CAT 324D long stick excavator | | Eastsid | le | | - | - | - | |
| CAT D8R Dozer with disc, (1) | | Eastsid | le | | | - | - | |
| CAT 345 excavators, (8) | | Eastsid | e, CAM | U and Galleria | | - | - | |
| CAT 330 Excavator (1) | | CAMU | | | | - | - | |
| CAT 365 Excavator (1) | | CAMU | | | | - | - | |
| CAT D6 LGP Dozer (1) | | Eastsid | le | | | | | |
| Water Trucks (5) | | Eastsid | le | | | | | |
| Case backhoe | | CAMU | | | | | | |
| CAT 16H Grader | | CAMU | | | | | | |
| CAT D8 Dozer | | Eastside | | | | | | |
| Water Trucks (4) | | CAMU | | | | | | T |
| CAT D-6 Dozer, (3) | | CAMU | | | | | | |
| CAT 14H Grader | | CAMU | | | | | | |
| Gradall, forklift | | CAMU | | | | | | |
| JLG | | CAMU | | | | | | |
| Smooth drum Rollers, (3) | | CAMU | | | | | | |
| Tenent Street Sweeper | | Eastsid | e and C | AMU | | | | |
| Komatsu Loader | | CAMU | and Eas | tside. | | | | |
| Chieftain 1400 Powerscreener | | CAMU | | | | | | |
| | | | | | - | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| MATERIAL HANDLING (ON- | SITE DELIVERY / REMOVAL) | | | | | | | |
| Material | Vendor | Today | UOM | Purpose | | Delivery ' | Verificatio | n |
| GCI | CETCO | nouay | | For CAMU. On site | to date | Qty 2271 | Spec | Tag |

| MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL) | | | | | | | | | |
|--|--------|-------|-------|-------------------|-----------------------|------|------|------|--|
| Material | Vendor | Today | UOM | Purpose | Delivery Verification | | | | |
| material | vendor | Today | OOM | ruipose | to date | Qty | Spec | Tags | |
| GCL | CETCO | 0 | rolls | For CAMU, On site | | 2271 | | | |
| Geocomposite | Agru | 0 | rolls | For CAMU, On site | | 2442 | | | |
| Geomembrane | Agru | 0 | rolls | For CAMU, On site | | 558 | | | |
| | | | | | | | | | |

Eastside Mixing and Drying Activity:

Tay Shift.

CTR-1 and CTR-4, continued excessing and stockpiling.

CTR-1 and CTR-4, continued excessing and stockpiling.

SW and HP ponds continued scrape and hauling material to Beta Ditch stockpile.

SW berms, loading out OTR trucks and transporting to CAMU for placement.

Galleria scrape continued loading out OTR trucks from Parcel 14 and hauling to CAMU for placement.

- Night Shift:
- Haulad material from CTR-1 and Reta Ditch stocknilles

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| | | | | | |
| - Hauled material from CTR-1 a | nd Beta Ditch stockpiles. | | | | |
| | | | | | |
| CAMU Activity: | | | | | |
| - Day Shift | | | | | |
| - Phase V, continued placing m | | Galleria. | | | |
| Phase IIIB, continued finish gr Phase IV, placing interim cover | | | | | |
| - Phase II, placed cover soil on | west slope. | | | | |
| - Rock crushing continued at 20 | | | | | |
| Phase IIIB, Phase IV and Pha ESI liner crew, continued insta | | | | | |
| , | | | | | |
| Night Shift: Placed material in Phase IIIB: | and Phase IV | | | | |
| | ind i habe iv. | | | | |
| Embankment | | | | | |
| Phase 1 embankment, comple Phase 1 estimated cumulative | | | | | |
| - Phase II embankment , compl | | | | | |
| Sump/Vadose Monitoring: | | | | | |
| | ase 1: LCRS Sump: Me | easurement taken: (N/A) \ | Vater Pumped: (N/A). | | |
| | Vadose: M | leasurement taken: (N/A) | Water Pumped: (N/A). | | |
| PI | iase II: LCRS Sump: M | leasurement taken: (N/A) V | Vater Pumped: (N/A). | | |
| | Vadose: M | leasurement taken: (N/A) | Water pumped: (N/A). | | |

DAILY PRODUCTION & QUALITY CONTROL REPORT

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

Phase I

Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 21,862

Operations also provide the completed of the certification of the certification

Daily Day shift waste placed today. Galleria/Eastside. (2) (0) loads @ 17 cylload (0) trucks = cy
Daily Night shift placed today. (0) loads @ 21cy/load (0) trucks = cy
To Date Phase I estimated cumulative waste placed = 372,886 cy

Phase IIIB: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A).

Vadose: Measurement taken; (N/A) Water Pumped; (N/A).

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Vadose: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pumped; (N/A),

Phase V: LCRS Sump: Measurement taken; (N/A) Water Pumped; (N/A),

Water Pump

Phase II
Previous Daily Cumulative = 1,072,495 cy
Operations layer placed (completed) for liner certification. = 37,188 cy

Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cylload (0) trucks = cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cylload (0) trucks = cy
Daily Night shift placed today: (0) loads @ 21 cylload (0) trucks = cy
To Date Phase II estimated cumulative waste placed = 1,072,495 cy

hase IIIA
Previous Daily Cumulative =
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cylload (0) trucks =

Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,276)
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Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,276)
Operations layer placed (completed for liner certification = 21,2776)
Operations layer placed (completed for liner certific

Daily Night shift waste placed today: (U) roads se 2 ruynous (v) rubos
To Date Phase IIIA estimated cumulative waste placed = 222,174 cy

e IIIB

Previous Daily Cumulative
Operations layer placed (completed) for liner certification. = 21,978

Daily Day shift waste placed from: Calleria/Eastside (D) loads @ 17 cylid (D) trucks = cy

Operations layer placed (completed) for liner certification. = 21,978

Daily Day shift waste placed from: Galleria/Eastside () loads @ 17 cyld (0) trucks = cy

Daily Night shift waste placed today: (0) loads @ 21cyload (0) trucks = cy

To Date Phase IIIB estimated cumulative waste placed = 439,547 cy

Phase IV

Previous Daily Cumulative = 406,862 cy

CV

Operations layer placed (completed) for liner certification = 37.314 cy Oy Daily Day shift waste placed today: (0) loads @ 17 cylload (0) trucks = Cally Night shift waste placed today: (382) loads @ 21eyload (20) trucks = 50.022 OY The Daily Night shift waste placed today: (382) loads @ 21eyload (20) trucks = 414.884 cy Cally Daily Night shift waste placed = 414.884 cy Cally Night shift shift waste placed = 414

Phase V
Previous Daily Cumulative =

Operations laver placed (completed) for liner certification = 40.284

Operations laver placed (completed) for liner certification = 40.284

Operations layer placed (completed) for liner certification = 40,284

Daily Day shift waste placed from: Eastside and Galleria (190) loads @ 17 cy/load (12) trucks = 3,230 cy

Daily Night shift waste placed today. (o) loads @ 12cy/load (0) trucks = cy

To Date Phase V estimated cumulative waste placed = 287,454 cy

Estimated Wests at

| Estimated Waste at Completion (cy) % Complet (Cumulative Total To Date All Phases = 2,933,100 cy 2,900,000 101.1%

123,750 cy

Geosynthetics Placed

| Phase I (complete) | Previous | Placed | Cumulative Place |
|-----------------------------|--------------------|--------|-------------------------|
| GCL | 307,372 | 0 | 307,372 |
| Geomembrane | 307,372 | 0 | 307,372 |
| Geocomposite | 307,372 | 0 | 307,372 |
| Geotextile | 69,340 | 0 | 69,340 |
| Disease III (assessed at a) | | | |
| Phase II (complete) | 100 100 | 0 | 100 100 |
| | 498,468 498,468 | 0 | 498,468 498,468 |
| Geomembrane | | 0 | |
| Geocomposite Geotextile | 520,592 | 0 | 520,592 0 |
| Geolexille | U | U | U |
| Phase IIIA | | | |
| 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 | | | |
| GCL | 340,535 | 0 | 340,535 |
| Geomembrane | 340,535 | 0 | 340,535 |
| Geocomposite | 340,535 | 0 | 340,535 |
| Geotextile | 50,000 | 0 | 50,000 |
| Phase IV | | | |
| GCI | 459.942 | 0 | 459.942 |
| Geomembrane | 459,942 | 0 | 459.942 |
| Geocomposite | 459.952 | 0 | 459.952 |
| Geotextile | 12.390 | ō | 12.390 |
| | , | | ,, |
| Phase V | | | |
| GCL | 558,653 | 0 | 558,653 |
| | | | |

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey

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| Geomembrane Geocomposite Geotextile | 558,653 558,653 15,925 | 0 0 0 | 558,653 558,653 15,925 | | | |
| BMI North GCL Geomembrane Geocomposite | 1,111,468 1,111,468 1,111,468 | 0 0 0 | 1,111,468 1,111,468 1,111,468 | | | |

Debris Storage Area (complete)

| Geomembrane | 12,000 | 0 | 12,000 |
|--------------|---------|--------|---------|
| CAMU Cover | | | |
| GCL | 434,514 | 60,000 | 494,514 |
| Geomembrane | 434,514 | 60,000 | 494,514 |
| Geocomposite | 397 000 | 0 | 397 000 |

| | | Total Geosynthetics for CAMU Basic Scope (sf) | % Complete of Basic Scope | Total Geosynthetics for CAMU Basic Scope +Option Scope | % Complet of Basic Scope + Option Scope |
|--|-----------|--|---------------------------|--|---|
| Geosynthetic System Cumulative Total To Date All CAMU Phases | 4,168,952 | 4,151,232 | 100.4% | 6,534,075 | 63.8 |

177,000 177,000 177,000

HEALTH & SAFETY

Description of Health & Satery Access I seem Loady 2 array respectors Consuctives

Safety Topic:

Eaststide Days: Discussed: Making sure down equipment and trucks have zero energy.

CAMIU Days Discussed: Making sure down equipment and trucks have zero energy.

Night shift CAMIU & Eastside: Discussed: Making sure down equipment and trucks have zero energy.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Cascaginor of Quality Control Actions Tales Today / Quality Inspections Conducted <u>Paily CQA Summary</u>.

Monitored waste placement into the CAMU of eastside material on the day shift. Monitored waste placement into the CAMU of eastside material on the night shift. Monitored splacement of interior cover and perform density testing on the day shift. Monitored the installation of geosynthetics.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics
CAMU: Subgrade inspection performed for liner installation on top of Phase I and Phase II.

| Name | Organization | Purpose of Visit | | |
|------|--------------|------------------|--|--|
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Report Prepared By / Title Richard Laubinger, Construction Manager 8-Jan-10

Weather Table

Sunny/Clear 69 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> Overcast M, Light Rain $\eta_{\!\scriptscriptstyle o}$ *m* Rain Thunderstorms)(&;

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

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DAILY PHOTO LOG

Photo 1



Eastside, Galleria, GES.

Photo 2



Eastside, Galleria, Parcel 7.

Photo 3



CAMU: Phase I and Phase II, east slope.

Photo 4



CAMU: Phase I and Phase II, east slope.

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