

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	23-Dec-09	524

Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris	<a href="mailto:lfarris@landwellco.com">lfarris@landwellco.com</a>	702-567-0400
BRC PROJECT MANAGER	Ranjit Sahu	<a href="mailto:sahuron@earthlink.net">sahuron@earthlink.net</a>	702-567-0400
CONST. PROJECT MANAGER	Dan Brennecke	<a href="mailto:Dan.Brennecke@westonsolutions.com">Dan.Brennecke@westonsolutions.com</a>	970-260-8586
Construction Manager	Richard Laubinger	<a href="mailto:Richard.Laubinger@westonsolution.com">Richard.Laubinger@westonsolution.com</a>	720-641-5866

Conditions				Temp (°F)		Wind		Add'l Readings	
AM	Cloudy / Partly Sunny	PM	Sunny / Partly Cloudy	Low	31			Precip. (in/Dy)	0
				High	49	N	10mph	Humidity (%)	0

[illegible]

Name		Position	Trade / Work Performed	Y/N
Greg Corcoran		Design Engineer	Oversight	Y
Dan Street		QA Manager	Oversight	Y
Jim Cox		QA/QC Supervisor	Oversight	N
Rebecca Flynn		Engineer	Oversight	N
Shawn Irwin		QA/QC Tech	Oversight	Y
Camron Liddell		QA/QC Tech	Oversight	Y
Graciano Malana		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	N	

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

[illegible]

Equipment	Vendor / Tag No.	Work Performed
CAT D400E Dump Truck (10)	CAMU	- - -
JD D400 Dump Trucks (10)	Eastside	- - -
CAT 324D long stick excavator	Eastside	- - -
CAT D8R Dozer with disc, (1)	Eastside	- - -
CAT 345 excavators, (8)	Eastside, CAMU and Galleria	- - -
CAT 330 Excavator (1)	CAMU	- - -
CAT 365 Excavator (1)	CAMU	- - -
CAT 08 LSP Dozer (1)	Eastside	- - -
Water Trucks (3)	Eastside	- - -
Case backhoe	CAMU	-
CAT 16H Grader	CAMU	-
CAT D9 Dozer	Eastside	-
Water Trucks (4)	CAMU	-
CAT D-6 Dozer, (3)	CAMU	-
CAT 14H Grader	CAMU	-
Gradall, forklift	CAMU	-
J.G.	CAMU	-
Smooth drum Rollers, (3)	CAMU	-
Tenent Street Sweeper	Eastside and CAMU	-
Komatsu Loader	CAMU and Eastside.	-
Cheslain 1400 Powerscreener	CAMU	-

Material	Vendor	Today	UOM	Purpose	Delivery Verification			
					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		

**Estaste Mixing and Drying Activity:**

**Day Shift:**

- PWB-9, PUC-8, CTR-1 and CTR-4, continued excavating and stockpiling material.
- SW-5 and HP Ponds, continued final scrape and hauling material to Beta Ditch stockpile.
- SW-8 stockpile excavating, loading and hauling to the Beta Ditch stockpile.
- Continued loading and hauling material in OTR trucks from SW-2 and SW-3 berms to CAMJU for placement.
- Galleria Scrape, continued scraping Parcel 7, loading and hauling material with OTR trucks to the CAMJU for placement.

DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	23-Dec-09	524

- **Night Shift:**  
- Hauled material from CTR-1 and Beta Ditch stockpiles.

**CAMU Activity:**

- **Day Shift**  
- Continued to place waste from Galleria and eastside into Phase V.  
- Continued grading waste on Phase IV north slope and top in Phase IIIB.  
- Continued to place interim cover on top of Phase IIIB and Phase IV, north slope.  
- Continued finish grading interim cover on Phase I and Phase II.  
- GES collected water samples in Phase II sump.  
- Entact monitored sumps.  
- Continued power screening 1" and 6" minus soils from the 200,000cy stockpile.

- **Night Shift:**  
- Placed material in Phase IIIB and Phase IV.

**Embankment**

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

**Sump/Vadose Monitoring:**

Phase I: LCRS Sump: Measurement taken: (1,067) Water Pumped: (N/A).  
Vadose: Measurement taken: (0,583) Water Pumped: (N/A).  
  
Phase II: LCRS Sump: Measurement taken: (2,450) Water Pumped: (710 gal).  
Vadose: Measurement taken: (N/A) Water pumped: (N/A).  
  
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: (1,217) Water Pumped: (N/A).  
Vadose: Measurement taken: (N/A) Water pumped: (N/A).

Inspections: CAMU: N/A

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

**Phase I**

Previous Daily Cumulative = 372,886 cy  
Operations layer placed (completed) for liner certification. = 21,662 0 cy  
  
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (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 II**

Previous Daily Cumulative = 1,072,405 cy  
Operations layer placed (completed) for liner certification. = 37,188 cy  
  
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks = cy  
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks = cy  
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks = cy  
**To Date Phase II estimated cumulative waste placed = 1,072,405 cy**

**Phase IIIA**

Previous Daily Cumulative = 222,174 cy  
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = cy  
  
Operations layer placed (completed for liner certification = 21,276) cy  
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks = cy  
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = cy  
**To Date Phase IIIA estimated cumulative waste placed = 222,174 cy**

**Phase IIIB**

Previous Daily Cumulative = 434,108 cy  
Operations layer placed (completed) for liner certification. = 21,978 cy  
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/lid (0) trucks = cy  
Daily Night shift waste placed today: (203) loads @ 21cy/load (15) trucks = 4,263 cy  
**To Date Phase IIIB estimated cumulative waste placed = 438,371 cy**

**Phase IV**

Previous Daily Cumulative = 333,278 cy  
Operations layer placed (completed) for liner certification = 37,314 cy  
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks = cy  
Daily Night shift waste placed today: (157) loads @ 21cy/load (13) trucks = 3,297 cy  
**To Date Phase IV estimated cumulative waste placed = 336,575 cy**

**Phase V**

Previous Daily Cumulative = 268,308 cy  
Operations layer placed (completed) for liner certification = 40,284 cy  
Daily Day shift waste placed from: Galleria/Eastside (244) loads @ 17 cy/load (20) trucks = 4,148 cy  
Daily Night shift waste placed today: (1) loads @ 21cy/load (1) trucks = 21 cy  
**To Date Phase V estimated cumulative waste placed = 272,477 cy**

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey 123,750 cy

Estimated Waste at  
Completion  
(cy) % Complete  
2,900,000 97.9%

Cumulative Total To Date All Phases = 2,838,638 cy

**Geosynthetics Placed**

Phase I (complete)	Previous	Placed	Cumulative Placed
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	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			
GCL	459,942	0	459,942
Geomembrane	459,942	0	459,942
Geocomposite	459,952	0	459,952
Geotextile	12,390	0	12,390
Phase V			
GCL	558,653	0	558,653

## DAILY PRODUCTION & QUALITY CONTROL REPORT

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	23-Dec-09	524

Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

**BMI North**

GCL	1,111,468	0	1,111,468
Geomembrane	1,111,468	0	1,111,468
Geocomposite	1,111,468	0	1,111,468

**BMI South**

GCL	177,000	0	177,000
Geomembrane	177,000	0	177,000
Geocomposite	177,000	0	177,000

**Debris Storage Area (complete)**

Geomembrane	12,000	0	12,000
-------------	--------	---	--------

## CAMU Cover

GCL	394,514	0	394,514
Geomembrane	394,514	0	394,514
Geocomposite	397,000	0	397,000

		Total Geosynthetics for CAMU Basic Scope (\$f)	% 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	4,068,952	4,151,232	98.0%	6,534,075	62.3%

## HEALTH & SAFETY

Description of Health &amp; Safety Actions Taken Today / Safety Inspections Conducted

**Safety Topic:**

Eastside Day: Discussed: Windy conditions and staying focused just before Christmas.  
CAMU Day: Discussed: Windy conditions and staying focused just before Christmas.  
Night shift CAMU & Eastside: Discussed: Staying focused just before Christmas.

## CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today / Quality Inspections Conducted

Daily CQA Summary.

Monitored waste placement into the CAMU of Galleria and Eastside material on the day shift.  
Monitored waste placement into the CAMU of Eastside material on the night shift.  
Monitored placement of interim cover at the CAMU on the day shift.

### ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics

## SITE VISITORS

[illegible]

Report Prepared By / Title

**Richard Laubinger, Construction Manager**

Date Prepared

23-Dec-09

Signature \_\_\_\_\_

### Weather Table

Sunny/Clear	
Sunny / Party Cloudy	
Cloudy / Partly Sunny	
Cloudy	
Overcast	
Light Rain	
Rain	
Thunderstorms	
Snow	

## 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.
<b>6389</b> 0	<b>BRC Eastside Common Areas Soils Remediation</b> 0	23-Dec-09	<b>524</b>

### DAILY PHOTO LOG

Photo 1



CAMU: Phase V.

Photo 2



Eastside: SW berms.

Photo 3



Eastside: SW-8 stockpile.

Photo 4



Eastside: Phase V.