

DAILY PRODUCTION & QUALITY CONTROL REPORT							
Project No./Contract No.	Project Title / Location	Day of Report	Report No.				
6389	BRC Eastside Common Areas Soils Remediation	18-Aug-09	399				

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										
Conditions					Temp (F)		ind	Add'l Readings		
AM	Sunny/Clear	PM	Sunny/Clear Li		79			Precip. (In/Dy.)	0	
Am	Suriny/Clear	P MI			109	SE	5 mph	Humidity (%)	0	
Addition	al Weather Comments									

Construction Manager		
	Construction Management Services.	Y
Project Manager. CM	Construction Management Services.	N
Project Engineer	Construction Management Services.	N
Assist. Const. Mgr	Construction Management Services.	Y
Assist. Const. Mgr		Y
Admin Assistant	Construction Management Services.	Y
	Project Engineer Assist. Const. Mgr Assist. Const. Mgr	Project Engineer Construction Management Services. Assist. Const. Mgr Construction Management Services. Assist. Const. Mgr Construction Management Services.

ON-SITE GEOSYNTEC PE	ERSONNEL		
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	Y
Stuart Irwin	QA/QC Tech	Oversight	Y
Roland Derosier	QA/QC Tech	Oversight	N
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schraitle	QA/QC Tech	Oversight	Y
ON-SITE SUPPORT PERS	SONNEL		
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
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N
OVERSITE PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
Bob Meyer, ASW	Inspector	Liner Inspector,	Y
Devin Gordon, MGA	Oversight	For NDEP	Y
Dock Kim, ATC	Field Observation	For AIG	Y
Brian Rakvica	Inspector	NDEP	N
Steve Morrow, ASW	Inspector	Liner Inspector	N
	1		
PBS&J, Survey	Surveyors	Survey	Y
ON-SITE CONTRACTOR	PERSONNEL		
Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Entact	Project Manager	Y
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carrol	Entact	Asst Project Manager	Y
Michael Carlson	Entact	Engineer	Y
Joe Curilla, Dav	Entact	Health & Safety Officer	Y
Timothy Stadt, Day	Entact	Health and Safety Officer	Y
Roger Wagner, Night	Entact	Eastside, Superintendent	Y
Russell Karnes	Entact	CAMU. Superintendent, Western Hook.	Ý
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU. Superintendent	Ÿ
Rick McIntire	Entact	CSP, Health & Safety	N N
I I F : B	E · ·	U. W.A. O. C. C. Off	

	Environmental Specialties, Inc.				ers		Y	
	ABC Survey	Eastsid	le/CAML	J/Western Hook			Y	
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			-	-	-	-
CAT D8R Dozer with disc, (1)		Eastsid				-	-	
CAT 345 excavators, (8)		Eastsid	le and C	AMU, Western Hook		-	-	-
CAT 330 Excavator (1)		CAMU				-	-	
CAT 365 Excavator (1)		CAMU				-	-	
CAT D6 LGP Dozer (1)		Eastside						
Water Trucks (3)		Eastside						П
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastside						
Water Trucks (4)		CAMU						
CAT D-6 Dozer, (3)		CAMU						П
CAT 14H Grader		CAMU						
Gradall, forklift		CAMU						
JLG		CAMU						
Smooth drum Rollers, (3)		CAMU						-
Tenent Street Sweeper		Eastsid	le and C	AMU				П
Komatsu Loader		CAMU, Phase 1						
Chieftain 1400 Powerscreener		CAMU						
	T							Ι
								Г
							1	

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)										
Material	Vendor	Today	day UOM Purpose		Delivery Verification					
material	vendor	Today	OOM	raipose	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				
	•	•	•		•	•				

WORK COMPLETED

### Eastside Mixing and Drying Activity:

Day Shift:.

- PUE-4, PUE-5 and WST-4, continued excavating and hauling to Beta Ditch stockpile.
- PUE-5, excreasing and stockpiling.
- D8 dozer continued discing and pushing up dried material.
- Western Folco Continued screening in Beta Ditch, 1" and 6" minus operations layer material for Phase V.
- Western Holco continued excersing and stockpiling material.
- Western Holco continued excersing and stockpiling material.

8. Southern Rib. new fence installation continues.  Synthern Rib. new fence installation continues.  Synther Rib. new fence installation continues.  Synther Bhits.  - Night Shift: - Hauden material from Beta Ditch and PUC row stockpiles.  CAMU Activity.  - Day Shift.  - Phase I and Phase III A, regraded additional waste on slopes and placed interim cover on slopes.  - ESI continued installing accopythetics in Phase V.  - ESI continued installing accopythetics in Phase V.  - Existence in Phase V.  - ESI continued installing accopythetics in Phase V.  - Embankment  - Phase I estimated curvalative embankment placed:  - Phase	ע	AILY PRODUCTION & QUALITY CONTROL REPO	KI					
Southern Rib, new fence installation continues.  SW-12 pt 6.  Nikich Shift: Hauded material from Beta Ditch and PUC row stockpiles.  CAMU Activity:  Day Shift. Phase V; Continued grading east slope, exuth slope and remaining cell floor. Phase IV; Continued grading east slope, exuth slope and placed interim cover on slopes.  ES continued installing geopythetics in Phase V  Continued statilling geopythetics in Phase V  Continued statilling flope profit in Phase V  Continued statilling flope profit in Phase V  Establishift  Placed material in Phase II and Phase IV.  Embankment  Phase II embankment complete.  Phase II embankment complete.  Phase II embankment complete.  Phase II embankment; complete.  Phase III embankment; complete (NA).  Vadose: Measurement taken; (NA) Water Pumped; (NA).  Vadose: Measurement taken; (NA) Water Pumped; (NA)  Vadose: Measurement taken; (NA) Water Pumped; (NA)	Project No./Contract No.	Project Title / Location	Day of Report	Report No.				
SW-12 pHS.  - Night Shift: - Hauded material from Beta Ditch and PUC row stockpiles.  - CAMU Activity: - Day Shift - Phase V, Continued grading east slope, south slope and remaining cell floor Phase II and Phase IIIA, regraded additional waste on slopes and placed interim cover on slopes ESI continued installing geosynthetics in Phase V Continued stability of the price MHS to storm drain headwall #3 Continued backfill and compacting around maniholes 1/2 8.3.  - Nichol Shift: - Phase III in Phase I, Phase II and Phase IV Embankment - Phase I entandement, complete Phase I estimated cumulative embankment placed: - Phase I estimated cumulative embankment placed: - Phase I estimated cumulative embankment placed: - Phase III	6389	6389 BRC Eastside Common Areas Soils Remediation						
- Hausder material from Beta Ditch and PUC row stockpiles.  CAMU Activity:  - Phase IV, continued grading east stops, south slope and remaining call floor.  - Phase II and Phase III. Are graded additional waste on slopes and placed interim cover on slopes.  - ESI continued installing geosynthetics in Phase V.  - Continued installing of pipe from MH to storm drain headwall it3.  - Continued backfill and compacting around manholes 1,2 &3.  - Majer Shift:  - Placed material in Phase II, Phase II and Phase IV.  - Phase I manhamment.  - Phase I estimated cumulative embankment placed:  - Phase II estimated cumulative embankment placed:  - Wadose: Measurement taken: (WA) Water Pumped: (NA).  - Vadose: Measurement taken: (WA) Water Pumped: (NA).  - Vadose: Measurement taken: (WA) Water Pumped: (NA).  - Phase IIIB: LCRS Sump: Measurement taken: (WA) Water Pumped: (NA).  - Vadose: Measurement taken: (WA) Water Pumped: (NA).		llation continues.						
Day Shift Phase V, Continued grading east slope, south slope and remaining cell floor. Phase II and Phase IIIA, regraded additional waste on slopes and placed interim cover on slopes. ESI continued installing anosynthetics in Phase V. ESI continued installing anosynthetics in Phase V. Continued stalling of the prime MR to a torum dain headwall if3. Continued stalling of the prime MR to a torum dain headwall if3.  Night Shift:  Placed material in Phase I, Phase II and Phase IV.  Embankment Phase I enhankment, complete. Phase I estimated cumulative embankment placed: Phase I estimated cumulative embankment placed: Phase I estimated cumulative embankment placed: Phase II enhankment, complete.  Sumpt/vadose Monitoring: Phase 1: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water pumped: (NA). Phase III LCRS Sump: Measurement taken: (NA) Water pumped: (NA). Vadose: Measurement taken: (NA) Water Pumped: (NA). Nater Pumped: (NA). Vadose: Measurement taken: (NA) Water Pumped: (NA). Nater Pumped: (NA). Nater Pumped: (NA).		ch and PUC row stockpiles.						
Phase IV, continued grading east slope, south slope and remaining cell floor.  Phase II and Phase IIII. Agreed and darinoul waste on slopes and placed interim cover on slopes.  ESI continued installing accompitation in Phase V.  ESI continued installing accompitation in Phase V.  Continued shalling of the per form MR I to storm drain headwall #3.  Continued shalling of the per form MR I to storm drain headwall #3.  **National Shall:**  Placed material in Phase I, Phase II and Phase IV.  **Embankment**  Phase I estimated currulative embankment placed:  Phase I estimated currulative embankment placed:  Phase I estimated currulative embankment placed:  **Phase I estimated currulative embankment placed:  **Phase I estimated currulative embankment placed:  **Phase II estimated currulative embankment placed:  **Yadose: Measurement taken: (WA) Water Pumped: (NA).  Vadose: Measurement taken: (WA) Water Pumped: (NA).  Phase IIIB: LCRS Sump: Measurement taken: (WA) Water Pumped: (NA).  **Yadose: Measurement taken: (WA) Water Pumped: (NA).  **Vadose: Measurement taken: (WA) Water Pumped: (NA).  **Vadose: Measurement taken: (WA) Water Pumped: (NA).  **Vadose: Measurement taken: (WA) Water Pumped: (WA).	CAMU Activity:							
Embankment Phase 1 embankment, complete. Phase 1 embankment, complete. Phase 1 elembankment, complete. Phase 1 elembankment, complete. SumplYadose Monitoring: Phase 1: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A). Vaciose: Measurement taken: (N/A). Water Pumped: (N/A).  Phase III: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).  Vaciose: Measurement taken: (N/A). Water Pumped: (N/A).  Phase IIII: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).  Measurement taken: (N/A). Water Pumped: (N/A).  Inspections: CAMU: N/A.	<ul> <li>Phase II and Phase IIIA, regra- ESI continued installing geosy</li> <li>Continued installing 60° pipe f</li> <li>Continued backfill and comparations</li> <li>Night Shift:</li> </ul>	ded additional waste on slopes and placed interim cover on slopes.  Thritles in Phase V.  Trom MH 8 to storm drain headwall #3.  Etting around manholes 1,2 &3.						
Phase 1 embankment, complete.  Phase 1 embankment placed:  Phase 1 embankment placed:  Phase 1 embankment placed:  Phase 1 embankment placed:  Vadose: Measurement taken: (NA) Water Pumped: (NA).  Vadose: Measurement taken: (NA) Water Pumped: (NA).  Vadose: Measurement taken: (NA) Water Pumped: (NA).  Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA).  Vadose: Measurement taken: (NA) Water Pumped: (NA).  Measurement taken: (NA) Water Pumped: (NA).  Measurement taken: (NA) Water Pumped: (NA).  Inspections: CAMU: N/A.	, , , , , , , , , , , , , , , , , , , ,	ase II and Phase IV.						
Vadose: Measurement taken: (N/A). Water Pumped: (N/A).  Phase II: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A).  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).  Inspections: CAMU: N/A.	- Phase 1 estimated cumulative	embankment placed:						
Vadose: Measurement taken: (NA) Water pumped: (N/A).  Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A)  Vadose: Measurement taken: (NA) Water Pumped: (N/A)  Inspections: CAMU: N/A.	Sump/Vadose Monitoring: Ph							
Vadose: Measurement taken: (NA) Water Pumped: (N/A) Inspections: CAMU: N/A.	Pi							
Eastside: Inspected perimeter fence: No new damage. Installed fence posts at Sunset Rd & Pabco.	Inspections: CAMU: N/A.							
	Eastside: Inspe	cted perimeter fence: No new damage. Installed fence posts at Sunset Rd & Pa	abco.					

stimated Waste Placement (Estimated volumes do not account for shrinkage due to	IUSS UI IIIUIS
hase I	
Previous Daily Cumulative =	295,176
Operations layer placed (completed) for liner certification. = 21,662	0
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0
Daily Night shift placed today: (82) loads @ 18cy/load (10) trucks =	1,476
To Date Phase I estimated cumulative waste placed =	296,652
·	
ase II Previous Daily Cumulative =	850,330
Operations layer placed (completed) for liner certification. = 37,188	000,000
Operations layer placed (completed) for liner certification. = 37,100	
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =	
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	
Daily Night shift placed today: (70) loads @ 18cy/load (6) trucks =	1,260
To Date Phase II estimated cumulative waste placed =	851,590
se IIIA  Previous Daily Cumulative =	222,174
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	222,174
.,	
Operations layer placed (completed for liner certification = 21,276)	
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase IIIA estimated cumulative waste placed =	222,174
se IIIB	
Previous Daily Cumulative =	169,758
Operations layer placed (completed) for liner certification. = 21,978	
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =  To Date Phase IIIB estimated cumulative waste placed =	169,758
10 Date 1 hase hid estimated cumulative waste placed =	103,730
se IV	
Previous Daily Cumulative =	59,202
Operations layer placed (completed) for liner certification = 37,314	
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (202) loads @ 18cy/load (18) trucks =	3,636
To Date Phase IV estimated cumulative waste placed =	62,838
ase V	
Previous Daily Cumulative =	
Operations layer placed (completed) for liner certification. = ?	
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase V estimated cumulative waste placed =	0

		Estimated Waste at Completion	
Cumulative Total To Date All Phases =	1,603,012 cy	(cy) 2,050,000	% Complete 78.2%

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
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	222,000	53,000	275,000
Geomembrane	222,000	53,000	275,000
Geocomposite	0	0	0
Geotextile	0	0	0

Ver1.111/07 2 of 4

DAILY PRODUCTION & QUALITY CONTROL REPORT						
Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
6389	BRC Eastside Common Areas Soils Remediation	18-Aug-09	399			

BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite

### Debris Storage Area (complete)

Geomembrane	12,000	0	12,00
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
0	0	0	

% Complete of Basic Scope + Option Scope 51.9% Geosynthetic System Cumulative Total To Date All CAMU Phases 4,151,232 81.7% 3,390,785 6,534,075

HEALTH & SAFETY

Safety Topic:
Eastside Day: Wearing hearing protection.
CAMU Day: Wearing hearing protection.
Night shift CAMU & Eastside: Wearing hearing protection.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Calify Control Actions Talen Today / Calify Impensions consumes Daily, COA Summary
Monitor waste placement into the CAMU of eastside material on the night shift. Monitor subgrade preparation in Phase V.
Monitor the installation of geosynthetics in Phase V.
Monitor waste slope regrading and placement of interim cover in Phase II and Phase III.A. Monitor waste slope regrading and placement of interim cover in Phase II and Phase IIII.A. Monitor waste slope regrading and placement of interim cover in Phase III.A. Monitor the backfill and compaction of 42° pipe and manhole risers.

ISSUES AND/OR ITEMS OF DISCUSSION

SITE VISITORS

Richard Laubinger, Construction Manager

18-Aug-09

Weather Table

Sunny/Clear 9 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> M, Overcast Light Rain η<sub>o</sub> Rain  $\frac{m}{m}$  $\mathcal{H}$ Thunderstorms &

> Ver 1.1 11/07 3 of 4

# 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 Aug 00	399
0	0	18-Aug-09	399

### **DAILY PHOTO LOG**

Photo 1



CAMU: Phase V.

Photo 2



Eastside: Power screening 1" minus.

Photo 3



Eastside: Power screening.

Photo 4



CAMU: 60" RCP installation. MH 8 to Headwall 3.

Ver 1.1 11/07 4 of 4