

DAILY PRODUCTION & QUALITY CONTROL REPORT								
Project No./Contract No.	Project Title / Location	Day of Report	Report No.					
6389	BRC Eastside Common Areas Soils Remediation	28-Aug-09	409					

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)		Wind		Add'I Readings			
AM	Sunny/Clear	DM	PM Sunny/Clear	Low	82			Precip. (In/Dy.)	0	
Am	Suriny/Clear	rm		High	113	S		Humidity (%)	0	
Addition	al 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
Richard Davis	Project Engineer	Construction Management Services.	Y
Chris White	Assist. Const. Mgr	Construction Management Services.	Y
(evin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
lune Laubinger	Admin Assistant	Construction Management Services.	Y

ON-SITE GEOSYNTE	C PERSONNEL			
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	
Stuart Irwin	QA/QC Tech	Oversight	Y	
Roland Derosier	QA/QC Tech	Oversight	Y	
Camon Liddell	QA/QC Tech	Oversight	Y	
Keith Schraitle	QA/QC Tech	Oversight	Y	

UN-SITE SUPPORT PERS	JNNEL			
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	
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	
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	Y	
Jeremy Schissler	Entact	Acting Project Manager	Y	
Josh Carrol	Entact	Asst Project Manager	Y	
Michael Carlson	Entact	Engineer	Y	
Joe Curilla, Day	Entact	Health & Safety Officer	Y	
Timothy Stadt, Day	Entact	Health and Safety Officer	Y	П
Roger Wagner, Night	Entact	Eastside, Superintendent	Y	
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	Y	
Lance Bruce, Nights	Entact	Health & Safety Officer	Y	
Terry Harper, Night	Entact	CAMU, Superintendent	Y	
Rick McIntire	Entact	CSP, Health & Safety	N	П
John Frazier , Days	Entact	Health & Safety Officer	Y	
Eli Blackburn	Entact	Asst Project Manager	Y	
Scott Zattau, Day	Entact	Health & Safety Technician	Y	
Jose Martinez, Night	Entact	Health & Safety Technician	Y	
	Entact			
				L
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers	Y	\vdash
	ABC Survey	Eastside/CAMU/Western Hook	N	1

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed	-			
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid	е			-	-	
CAT 324D long stick excavator		Eastsid	е		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastsid	е			-	-	
CAT 345 excavators, (8)		Eastsid	e and C	AMU, Western Hook		-	-	
CAT 330 Excavator (1)		CAMU				-	-	
CAT 365 Excavator (1)		CAMU			-	-	-	
CAT D6 LGP Dozer (1)		Eastsid	е					
Water Trucks (3)		Eastsid	е					
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastside						
Water Trucks (4)		CAMU						
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,	Phase :	1				
Chieftain 1400 Powerscreener		CAMU						
					-			
MATERIAL HANDLING (ON-SI	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI	ETCO			For CAMIL On site	to date	Qty 2271	Spec	Tags

0 rolls For CAMU, On site 2271
0 rolls For CAMU, On site 22442
0 rolls For CAMU, On site 558

Eastside Mixing and Drying Activity:

Day Shift:

- PUE-3, PUE-4 and PUE-5, scraping road on south side, loading and hauling material to the Beta Ditch stockpile.

- PUE-3, PUE-4 and PUE-5, scraping road on south side, loading and hauling material to the Beta Ditch stockpile.

- PUE-7, scramating and stockpiling.

- D8 dozer discing various well ponds.

- Beta Ditch, power-cereing 1" and 6" minus soils continued.

- Western Hook, continue loading out OTR trucks and hauling to the CAMU for placement.

- ONLY: PuE-4.

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6389	BRC Ea	BRC Eastside Common Areas Soils Remediation				
- SW-12, pH: 6.		a manning to the or the passerson.				
- Night Shift: - Hauled material from Beta	Ditch and PUC row stor	kpiles.				
CAMU Activity:						
- Dav Shift. - Phase V, continued backfil - Phase V, ESI liner crew co - Phase V, List liner crew co - Phase V, ESI liner crew co - Storm drain system 60°, w - Pleade waste material from - Pleade waste material from - Endant measured water de - Entact measured water de - Entact measured water de - Phase N, continued placin; - Embankment - Phase I embankment, con - Phase I estimated cumula - Phase I estimated cumula	atinued installing geoco- tions layer material. Keed on subgrade for transcent of the Western hook into Pha- go control panels for led the in Phase I LCRS Surand Phase II. 1* minus operations la plete. we embankment place we embankment place tooks of the plete.	ash rack at Headwall #3. se II. challe pumper mp and Phase I Vadose zone. Also Phase yer.	II LCRS Sump.			
Sump/Vadose Monitoring:	Phase 1: LCRS Sum Vadose:	p: Measurement taken: (2.6) Water Pumpi Measurement taken: (0.6) Water Pump				
		p: Measurement taken: (2.8) Water Pumpi Measurement taken: (NA) Water pump	ed: (N/A).			
	Phase IIIB: LCRS Sui Vadose	np: Measurement taken: (NA) Water Purr : Measurement taken: (NA) Water Pur				
Inspections: CAMU: N/A.						

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Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds) Phase I 311.862 cv Previous Daily Cumulative = Previous Lawy Cultinative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cylload (0 trucks) = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = 0 су To Date Phase I estimated cumulative waste placed = 311,862 cy Phase II
Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 37,188 879,310 CV Daily Day shift waste placed today: From Western Hook (127) loads @ 18 cy/load (10) trucks = 2,286 cv Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks = су Daily Night shift placed today: (220) loads @ 18cy/load (18) trucks =

To Date Phase II estimated cumulative waste placed = 885,556 cy Previous Daily Cumulative =
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 222,174 cy су Operations layer placed (completed for liner certification = 21,276) Operations ages practed (conspected for liner definitional of = 2,7215)

Daily Days hift waste placed today: From Phase IIIB. (0) loads @ 18 cylload (0) trucks =

Daily Night shift waste placed today: (0) loads @ 18cylload (0) trucks =

To Date Phase IIIA estimated cumulative waste placed = су 222,174 cy Previous Daily Cumulative = 176,328 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks = су су Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase IIIB estimated cumulative waste placed = 176,328 cy Phase IV
Previous Daily Cumulative = 70,038 cy су 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. (0) loads @ 18cy/load (0) trucks =

To Date Phase IV estimated cumulative waste placed = су 70,038 cy Phase V Previous Daily Cumulative = 6.300 cv 2,988 cy Operations layer placed: (166) loads @ 18cy/load (19) trucks = Operations layer placed: (166) loads @ 18cynload (19) trucks =

Daily Day shift waste placed today: From ??. (0) loads @ 18cynload (0) trucks =

Daily Night shift waste placed today: (0) loads @ 18cynload (0) trucks =

To Date Phase V estimated cumulative waste placed = cy 9,288 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
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	420,000	30,000	450,000
Geomembrane	420,000	30.000	450,000
Geocomposite	240,000	60,000	300,000
Geotextile	Ó	0	Ó

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BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite

Debris Storage Area (complete)

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

% Complete of Basic Scope + Option Scope 54.6% 4,151,232 85.9% 3,565,785 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic.

Eastside Day: Discussed: Excessive heat warning. Hydrate.
CAMU Day: Discussed: Excessive heat warning. Hydrate.
Night shift CAMU & Eastside: Discussed: Check your 40 ht training expiration and annual physical expiration dates.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Descriptor of Quality Cored Actions Taken Today / Quality Impactions Conducted Dailty, COA Summans;

Monitor waste placement into the CAMU of eaststide material on the day shift. Monitor waste placement into the CAMU of eaststide material on the night shift. Monitor the installation of operational fill in Phase V. Monitor the installation of operational fill in Phase V on the night shift. Monitor the installation of operational fill in Phase V on the day shift. Monitor construction of storm drain and of Virtualous III.

ISSUES AND/OR ITEMS OF DISCUSSION

SITE VISITORS Name				
Name	Organization	Purpose of Visit		
				
	-		+	
	+		1	 -

Richard Laubinger, Construction Manager

28-Aug-09

Weather Table

Sunny/Clear 9 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> M, Overcast Light Rain η_o Rain *m* \mathcal{H} Thunderstorms &

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

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0	0	28-Aug-09	

DAILY PHOTO LOG

Photo 1



CAMU: Headwall #3.

Photo 2



Photo 3



CAMU: Phase V.

Photo 4



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