

DAILY PRODUCTION & QUALITY CONTROL REPORT							
Project No./Contract No.	Project Title / Location	Day of Report	Report No.				
6389	BRC Eastside Common Areas Soils Remediation	02-Sep-09	414				

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'l Readings			
AM	Sunny / Party Cloudy	PM		Low	83			Precip. (In/Dy.)	0	
Am	Suriny / Party Cloudy	r-m		High	107			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
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
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

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	
Brian Rakvica	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey	Surveyors	Survey	N	
ON CITE CONTRACTOR	DEDCONNEL			

PBS&J, Survey	Surveyors	Survey	N	
ON-SITE CONTRACTOR	RPERSONNEL			
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	
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	
John Frazier , Days	Entact	Health & Safety Officer	N	
Eli Blackburn	Entact	Asst Project Manager	Y	
Scott Zattau, Day	Entact	Health & Safety Technician	Y	
Jose Martinez, Night	Entact	Health & Safety Technician	Y	
	Entact			
			T	
			T	
			T	
			T	
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers	Y	
	ABC Survey	Eastside/CAMU/Western Hook	N	
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ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed				
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid	e			-	-	
CAT 324D long stick excavator		Eastsid	e		-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid	le			-	-	
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	le					
Water Trucks (3)		Eastsid	le					
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastsid	le					
Water Trucks (4)		CAMU						
CAT D-6 Dozer, (3)		CAMU	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-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verification	
GCI	CETCO	0		For CAMU. On site	to date	Qty 2271	Spec	Tags
Googgements	Agri	0		For CAMU, On site	+	24/1		$\vdash$

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)								
Material	Vendor	Today	UOM	Purpose	Delivery Verification			
material				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:

Day Shift.

PUE- 4, excavating at the south side of haul road, transporting to Beta Ditch stockpile.

PUE-5, excavating and loading out proof material, hauling to Beta Ditch stockpile.

PUB-6, excavating and loading out proof material, hauling to Beta Ditch stockpile.

SW-12, excavating and loading out wet proof material, hauling to HP-3 for dying.

PUC & PUD inches, excavating and stockpiling.

Beta Ditch, power screening 1' and 6' minus soils.

WRTAT Dit Accordance revision or indicated material.

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WST-5, D8 dozer pushing up	dried material.  fing and hauling material to the CAMU for placement.		
Western Hook, continued load	and mading material to the CAWO for placement.		
Night Shift:			
-lauled material from Beta Dir	tch, SW-4, and SC-1 stockpiles.		
AMU Activity:			
Day Shift	nued installing Geocomposite liner.		
Phase V, ESI liner crew conti Phase V. continued backfillin			
Phase V. continued placing o			
Phase V, continued installing			
HW3, worked on subgrade fo			
	g leachate panels in Phase I, II and IIIB.		
Phase II. placed western hoo			
Entact measured depth of wa	ter in Phase I LCRS Sump and Phase I Vadose zone. Also Phase II LCRS S	Sump.	
GES collected a water sample	e from Phase II LCRS Sump and monitoring well next to Phase I.		
Night Shift:			
Placed material in Phase II, II			
Placed operations layer mate	nai in Priase V.		
mbankment			
Phase 1 embankment, compl	ete		
Phase 1 estimated cumulative			
Phase II embankment , comp	lete.		
ump/Vadose Monitoring:			
F	hase 1: LCRS Sump: Measurement taken: (2.7) Water Pumped: (N/A).		
	Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
	hase II: LCRS Sump: Measurement taken: (1.1) post pumping. Water Pun	mned: (900 dal)	
		ripeu. (500 gar).	
	Vadose: Measurement taken: (N/A) Water pumped: (N/A).		

Phase IIIB: T CRS Sumn: Measurement taken: (N/A) - Water Pumned: (N/A)		
Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	sture
Phase I		
Previous Daily Cumulative =	311,934	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =		су
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase I estimated cumulative waste placed =	311,934	су
Phase II		
Previous Daily Cumulative =	902,260	су
Operations layer placed (completed) for liner certification. = 37,188		су
Daily Day shift waste placed today: From Western Hook (111) loads @ 18 cy/load (10) trucks =	1,998	су
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =		су
Daily Night shift placed today: (33) loads @ 18cy/load (9) trucks =	594	су
To Date Phase II estimated cumulative waste placed =	904,852	су
Phase IIIA		
Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	222,174	су
Operations layer placed (completed for liner certification = 21,276)		су
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =		су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase IIIA estimated cumulative waste placed =	222,174	су
Phase IIIB		
Previous Daily Cumulative =	176,328	су
Operations layer placed (completed) for liner certification. = 21,978		су
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		су
Daily Night shift waste placed today: (108) loads @ 18cy/load (16) trucks =	1,944	су
To Date Phase IIIB estimated cumulative waste placed =	178,272	су
Phase IV		
Previous Daily Cumulative =	70,038	су
Operations layer placed (completed) for liner certification = 37,314		су
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (107) loads @ 18cv/load (17) trucks =	1.926	-
To Date Phase IV estimated cumulative waste placed =		
Phase V		
Previous Daily Cumulative =	17,982	су
Operations layer placed: (72) loads @ 18cy/load (18) trucks =	1,296	су
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	.,	су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase V estimated cumulative waste placed =	19,278	су

	Estimated Waste at Completion		
Cumulative Total To Date All Phases =	1,708,474 cy	( <b>cy</b> ) 2,050,000	% Complete 83.3%

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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 56.3% 4,151,232 88.5% 3,675,785 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY Safety Topic:
Eastside Day: Discussed: Swine Flu protection.
CAMU Day: Discussed: Swine Flu protection.
Night shift CAMU & Eastside: Discussed: Swine Flu protection.

#### CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Taken Today (Collagily Integrations Conducted Daily, COA Summans)

Monitor waste placement into the CAMU of eastside material on the night shift. Monitor waste placement into the CAMU of western dictor material during the day shift. 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 the installation of personal results in Phase V. Monitor the construction of stormfarm system.

Monitor the construction of stormfarm system.

Monitor the construction of stormfarm system.

ISSUES AND/OR ITEMS OF DISCUSSION		
Discussion of Issues / Concerns / Conversations / Topics		

ISITORS			
Name	Organization	Purpose of Visit	
	+		
	+		

Richard Laubinger, Construction Manager

2-Sep-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 *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	02-Sep-09	414

### **DAILY PHOTO LOG**

Photo 1



Eastside: Fence Repair.

Photo 2



CAMU: Phase V.

Photo 3



Photo 4



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