

DAILY PRODUCTION & QUALITY CONTROL REPORT				
Project No./Contract No.	Project Title / Location	Day of Report	Report No.	
6389	BRC Eastside Common Areas Soils Remediation	17-Aug-09	398	

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/Clear	PM	Sunny/Clear	Low	78			Precip. (In/Dy.)	0
	Sui illy/Cieal		Suriny/Ciear	High	107	SE	7 mph	Humidity (%)	0
Addition	al Weather Comments							•	

ON-SITE WESTON PE	ERSONNEL		
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.	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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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	N	
Stuart Irwin	QA/QC Tech	Oversight	Y	Т
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	i
ON-SITE SUPPORT PERS	SONNEL			
Name	Position	Trade / Work Performed	Y/N	
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring	N N	⊢
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring	Y	├-
Jill Dale, Tetra Tech		Air Monitoring,	Y N	-
JIII Dalle, Tetra Tech	Air Monitoring Specialist	Air monitoring	N	⊢
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	-			-
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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	N	
Brian Rakvica	Inspector	NDEP	N	_
Steve Morrow, ASW	Inspector	Liner Inspector	N	
				_
PBS&J. Survey	Surveyors	Survey	Y	_
ON-SITE CONTRACTOR				
Name	Company	Trade / Work Performed	Y/N	
Erik Gehringer	Entact	Project Manager	N	_
Jeremy Schissler	Entact	Acting Project Manager	Y	_
Josh Carrol	Entact	Asst Project Manager	N	L
Michael Carlson	Entact	Engineer	Y	L_
Joe Curilla, Day	Entact	Health & Safety Officer	Y	Щ
Timothy Stadt, Day	Entact	Health and Safety Officer	Y	L
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	Щ
Rick McIntire	Entact	CSP, Health & Safety	N	_
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			
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	Environmental Specialties, Inc. ABC Survey	Liner Crew, (1) Supt, (10) Laborers/ Seamers Eastside/CAMU/Western Hook	Y	Н

ON-SITE EQUIPMENT					_			
Equipment	Vendor / Tag No.			Work Performed	-			$\overline{}$
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid	Eastside			-	-	
CAT 324D long stick excavator		Eastsid	е		-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid	е			-	-	П
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					Г
Water Trucks (3)		Eastsid	е					
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastsid	е					
Water Trucks (4)		CAMU						1
CAT D-6 Dozer, (3)		CAMU						
CAT 14H Grader		CAMU						
Gradall, forklift		CAMU						
JLG		CAMU						П
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 C	CETCO	0	rolls	For CAMU. On site	to date	Qty 2271	Spec	Tag
	Agru	0	rolls	For CAMU, On site	-	2442	-	\vdash
	Agru	0	rolls	For CAMU, On site		558		├—

WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:

-PUF-5 and WST-4, continued excavating and hauling to Beta Ditch stockpile.

-PUF-6 and WST-4, continued excavating and hauling to Beta Ditch stockpile.

-PUC-5, exexvaling and stockpiling.

-D8 dozer continued discring and path ing up dried material.

-Des dozer continued discring and path ing up dried material.

-Western Hook continued execution and stockpiling material.

-Western Hook continued execution shorter

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Western Hook continued shr	edding debris.		
Night Shift: Hauled material from Beta Di	tch and PUC row stockpiles.		
:AMU Activity:			
Day Shift			
Phase II and Phase IIIA, place	east slope, south slope and remaining cell floor. ed interim cover on side slopes.		
	from MH 8 to storm drain headwall #3.		
	ting around manholes 1,2 &3. in Phase I LCRS Sump and Vadose zone. Also Phase II LCRS Sump.		
Night Shift: Placed material in Phase I. P.	base II and Phase II/		
mbankment	and the second		
Phase 1 embankment, comp			
Phase I estimated cumulativ Phase II embankment , comp			
iump/Vadose Monitoring: P	nase 1: LCRS Sump: Measurement taken: (2.6) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
1	Phase II: LCRS Sump: Measurement taken: (2.9) Water Pumped: (201 gal). Vadose: Measurement taken: (NA) Water pumped: (N/A).		
ı	Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A)		
nspections: CAMU: N/A.			
Fastside: Insn	ected perimeter fence. No new damage. Sunset repairs to begin tomorrow		

Eastside: Inspected perimeter fence: No new damage. Sunset repairs to begin tomorrow	
Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of moistu
Phase I	
Previous Daily Cumulative =	293,772 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	0 0 c ₂
Daily Night shift placed today: (78) loads @ 18cy/load (8) trucks =	1,404 C)
To Date Phase I estimated cumulative waste placed =	
Phase II	
Previous Daily Cumulative =	849,034 _{C)}
Operations layer placed (completed) for liner certification. = 37,188	C)
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =	cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	Cy
Daily Night shift placed today: (72) loads @ 18cy/load (7) trucks =	1,296 C)
To Date Phase II estimated cumulative waste placed =	850,330 c
Phase IIIA	
Previous Daily Cumulative =	222,174 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	
Operations layer placed (completed for liner certification = 21,276)	cy
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IIIA estimated cumulative waste placed =	222,174 c
Phase IIIB	
Previous Daily Cumulative =	169,758 cy
On and have been also and described in the Plant and Markley Co. Co.	cy
Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	c)
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	C)
To Date Phase IIIB estimated cumulative waste placed =	
Phase IV Previous Daily Cumulative =	55,296 cy
Previous Daily Cultivative =	
Operations layer placed (completed) for liner certification = 37,314	Cy
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (217) loads @ 18cy/load (17) trucks =	3,906 C)
To Date Phase IV estimated cumulative waste placed =	59,202 c
Phase V	
Previous Daily Cumulative =	Cy
Operations layer placed (completed) for liner certification. = ?	cy
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	C)
To Date Phase V estimated cumulative waste placed =	0 c

		Estimated Waste at	
		Completion (cy)	% Complet
Cumulative Total To Date All Dhases -	1 506 640 au	2.050.000	77.00/

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	ō	221,000
Geotextile	20,000	Ö	20,000
Phase IIIB			
GCI	340.535	0	340.535
Geomembrane	340.535	0	340.535
Geocomposite	340.535	0	340.535
Geotextile	50,000	ō	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	160.000	62,000	222.000
Geomembrane	160.000	62,000	222,000
Geocomposite	0	0	Ó
Geotextile	0	0	0

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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 51.1% 4,151,232 80.4% 3,337,785 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic:
Eastside Day: Pinch points on equipment and trucks.
CAMU Day: Pinch points on equipment and trucks.
Night shift CAMU & Eastside: Only operate equipment that you are assigned to.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Case spin of Quality Control Actions Taken Today / Quality Inspections Considered

July COA Summan;

Monitor weater placement into the CAMU of eastside material on the night shift.

Monitor subspace preparation in Places V.

Monitor the installation of geosynthetics in Phase V.

Monitor the installation of geosynthetics in Phase V.

Monitor the placement of interim cover in Phase III and Phase IIIA.

Monitor the placement of interim cover in Phase III and Phase IIIA.

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

ITE VISITORS				
Name	Organization	Purpose of Visit		
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	+		+	 ╁╴

Richard Laubinger, Construction Manager

17-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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DAILY PHOTO LOG

Photo 1



CAMU: Phase V.

Photo 2



Photo 4

Photo 3





Eastside: SW-12.

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