

DAILY PRODUCTION & QUALITY CONTROL REPORT						
Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
6389	BRC Eastside Common Areas Soils Remediation	07-Dec-09	508			

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									
	Con	ditions		Ten	1p (F)	W	ind	Add'l F	Readings
AM	Overcast	PM	Rain	Low	46			Precip. (In/Dy.)	0.22
Am	Overcast	P MI	PM Rain	Fin Rain High	50			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

ON-SITE GEOSYNTEC 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			
Camon 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,	Y	

OVERSITE PERSONNEL								
Name	Position	Trade / Work Performed	Y/N					
Bob Meyer, ASW	Inspector	Liner Inspector,	Y					
Devin Gordon, MGA	Oversight	For NDEP	Y					
	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	N	
Josh Carrol	Entact	Asst Project Manager, Eastside 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, Night	Entact	Health & Safety Officer	Y	
Terry Harper, Night	Entact	CAMU, Superintendent	Y	
Rick McIntire	Entact	CSP, Health & Safety	N	
John Frazier , Night	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	
Dawn Breedlove	Entact	Health & Safety Technician	Y	
				-
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers, Demobilized.	N	H
	ABC Survey	Eastside/CAMU/Western Hook	N	

ON-SITE EQUIPMENT					_			
Equipment	Vendor / Tag No.			Work Performed				$\overline{}$
CAT D400E Dump Truck (10)		CAMU	CAMU			-	-	
JD D400 Dump Trucks (10)		Eastsid	е			-	-	
CAT 324D long stick excavator		Eastsid	е		-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid				-	-	
CAT 345 excavators, (8)			e, CAM	U and Galleria		-	-	
CAT 330 Excavator (1)		CAMU				-	-	
CAT 365 Excavator (1)		CAMU				-	-	
CAT D6 LGP Dozer (1)		Eastsid	е					
Water Trucks (5)		Eastsid	е					
Case backhoe		CAMU						
CAT 16H Grader		CAMU	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						
Komatsu Loader		CAMU	and Eas	tside.				
Chieftain 1400 Powerscreener		CAMU						
· ·								
MATERIAL HANDLING (ON-SI	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
001	FTOO		-	E 011111 0 5	to date	Qty	Spec	Tags

Material	Vendor	Today	UOM	Purpose	Delivery Verification			n
material	vendor	Today	OOM	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		

WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:

- Continued scavating and stockpling material in PUB-9, PUC-9, HP ponds, CTR-1 and CTR-4.

- Continued final scrape of SW and HP ponds, hauling material to the Beta Ditch stockpile.

- Continued Indian out OTR tructs from HP and SW ponds, hauling to CAMU for placement.

- Continued Calleria scrape, stockpile and loading out OTR tructs from Parent I. Hauling to CAMU for placement.

- Eastalde Buy haul OTR tructs shut down approximately 2 PM, due to rain and modify conditions.

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- Night Shift: - Night shift canceled due to	rain.		
CAMU Activity:			
- Graded waste in Phase I, I	ria and Eastside into Phase V. Phase II, Phase IIIB and Phase IV. ase IIIB and Phase IV, north slopes.		
- Night Shift: - Night shift canceled due to	rain.		
Embankment - Phase 1 embankment, con - Phase 1 estimated cumula - Phase II embankment , con	tive embankment placed:		
Sump/Vadose Monitoring:	Phase 1: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A) 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 V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A) Vadose: Measurement taken: (N/A) Water pumped: (N/A)		
Fastside: Fe	nce nerimeter inspected, all secure		

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Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds) Phase I 372.886 cv Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =

Daily Night shift placed today: (0) loads @ 2fcy/load (0) trucks =

To Date Phase I estimated cumulative waste placed = 372,886 cy Phase II
Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 37,188 958,365 CV Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks = Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks = Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks = су To Date Phase II estimated cumulative waste placed = 958,365 cy Previous Daily Cumulative =
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 222,174 cy cy Operations layer placed (completed for liner certification = 21,276) Operations ages placed (completed unline certification = 2,7,27s)
Daily Days hift waste placed today: (0) loads @ 21cylload (0) trucks =
Daily Night shift waste placed today: (0) loads @ 21cylload (0) trucks =
To Date Phase IIIA estimated cumulative waste placed = cy 222,174 cy Previous Daily Cumulative = 377,366 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed from: GalletialEssistie (0) loads @ 17 cyld (0) trucks =
Daily Night shift waste placed today: (0) loads @ 21cyload (0) trucks =
To Date Phase IIIB estimated cumulative waste placed = су су 377,366 cy Phase IV
Previous Daily Cumulative = 289,262 cy су Operations layer placed (completed) for liner certification = 37.314
Daily Day shift waste placed today: (0) loads @ 17 cylload (0) trucks =
Daily Night shift waste placed today: (0) loads @ 21cylload (0) trucks =
To Date Phase IV estimated cumulative waste placed = су 289,262 cy Phase V Previous Daily Cumulative = 193,994 cv Operations layer placed (completed) for liner certification = 40,284
Daily Day shift waste placed from: Galleria/Eastside (223) loads @ 17 cy/load (20) trucks = cv 3,791 cy Daily Day still waste placed roday: (0) loads @ 21cy/load (0) trucks = To Date Phase V estimated cumulative waste placed = 197,785 cy 10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey 261,799 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	Ó
Phase IIIA			
GCL	221.000	0	221.000
Geomembrane	221.000	0	221.000
Geocomposite	221.000	ō	221,000
Geotextile	20,000	0	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	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

Ver 1.1 11/07 2 of 4

558,653 558,653 15,925 1,111,468 1,111,468 1,111,468 1,77,000 177,000	0 0 0 0	558,653 558,653 15,925 1,111,468 1,111,468 1,111,468 1,111,468 1,77,000 177,000	07-Dec-09	508	
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1,111,468 177,000 177,000	0 0	1,111,468 177,000 177,000			
177,000 177,000	0	177,000 177,000			
177,000	0	177,000			
177,000	0	177,000			
177,000	0	177,000			
12.000	0	12.000			
204.54		204544			
397,000	0	397,000			
			Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	To
	394,514 394,514 397,000	394,514 0 394,514 0	394,514 0 394,514 394,514 0 394,514 397,000 0 397,000	394,514 0 394,514 394,514 0 394,514 397,000 0 397,000 Total Geosynthetics for CAMU Basic Scope (sf)	394,514 0 394,514 394,514 0 394,514 397,000 0 397,000 Total Geosynthetics for CAMU Basic Scope of Basic

HEALTH & SAFETY Chesciptions of Health & Salety Actions Talen Today / Salety Impediations Conducted Safety Today: Eaststald Days: Discussed: Three points of contact getting up and down in trucks and equipment. CAMU Day: Discussed: Three points of contact getting up and down in trucks and equipment. Night shift CAMU & Eastside: Discussed: No activity, due to wet conditions...

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL Description of Quality Control Actions Taken Today / Quality Inspections Conducted <u>Daily CQA Summary.</u>

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

ISSUES AND/OR ITEMS OF DISCUSSION Precipitation: 0.22.

VISITORS					
Name	Organization	Purpose of Visit			
	+				
					
****	-		_		

Richard Laubinger, Construction Manager 7-Dec-09

Weather Table Sunny/Clear

Cloudy

69 Sunny / Party Cloudy શ Cloudy / Partly Sunny m <u>Ω</u>

Overcast M, Ŋ₀ \$\$\$ Light Rain Rain

Thunderstorms)(&

> 3 of 4 Ver 1.1 11/07

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

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0	0	07-Dec-09	508

DAILY PHOTO LOG

Photo 1



CAMU: Phase V, waste placement.

Photo 2



CAMU: Phase IV, waste grading.

Photo 3



CAMU: Phase IV, north slope, interim cover placement.

Photo 4



Eastside: PUA-10 Well installation and corridor SS line installation.

Ver 1.1 11/07 4 of 4