

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-Nov-09	489	

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		

WEAT	WEATHER CONDITIONS								
	Cor	ditions		Ten	1p (F)	W	ind	Add'l F	Readings
AM	Sunny/Clear	PM	Sunny/Clear	Low	28			Precip. (In/Dy.)	0
Am	Suriny/Clear	- m	Suriny/Clear	High	69	E	5mph	Humidity (%)	0
Additions	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 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	
Camon Liddell	QA/QC Tech	Oversight	Y	
Graciano Malana	QA/QC Tech	Oversight	Y	

# ON-SITE SUPPORT PERSONNEL

## OVERSITE PERSONN Inspector Oversight

PBS&J, Survey	Surveyors	Survey	N	
ON-SITE CONTRACTO	R PERSONNEL			
Name	Company	Trade / Work Performed	Y/N	
Erik Gehringer	Entact	Project Manager	N	
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	Y	
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	Y	
	ABC Survey	Eastside/CAMU/Western Hook	N	

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, CAMI	J and Galleria		-	-	-
CAT 330 Excavator (1)		CAMU				-	-	-
CAT 365 Excavator (1)		CAMU				-	-	-
CAT D6 LGP Dozer (1)		Eastsid	е					-
Water Trucks (3)		Eastsid	Eastside			1		-
Case backhoe		CAMU	CAMU					-
CAT 16H Grader		CAMU	CAMU					-
CAT D8 Dozer		Eastsid	Eastside					-
Water Trucks (4)		CAMU	CAMU					-
CAT D-6 Dozer, (3)		CAMU	CAMU			1		-
CAT 14H Grader		CAMU						-
Gradall, forklift		CAMU						-
JLG		CAMU	CAMU					-
Smooth drum Rollers, (3)		CAMU						-
Tenent Street Sweeper		Eastsid	e and C	AMU				-
Komatsu Loader		CAMU	and Eas	tside.		I		-
Chieftain 1400 Powerscreener		CAMU						-
								-
						1		
MATERIAL HANDLING (ON-SI	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verification	
					to date		Spec	Tags

#### Eastside Mixing and Drying Activity:

Day Shift:
- Continued excavating and stockpiling material in PUA-10, PUB-9, PUC-8, HP ponds and CTR ponds.
- Continued Rinal scrape of SW-7 North berm and WST ponds, along with haul rds. Hauled material to Beta Ditch stockpile.
- Hauling material to CANU in OTR trucks for placement from HP and SW berms.
- SW-7 floor, loading out stockpile and hauling to 86th Boths notockpile.
- Gallerias scrape, continued scraping in Parcel 10 and hauled material to CANU in OTR trucks.
- Executors continued stockpiling material on the SW-12 stockpile.

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Night Shift: Hauled material from PUB	-9, HP-2/3 and Beta Ditch stockpiles.		
AMU Activity:			
Continued placing and gra Continued grading waste in	ria and Eastside into Phase V. ding final cover soil on Phase IIIA. Phase I, Phase I and Phase IIIB. osynthetics on slopes of Phase III. the 20,000 or yet ockplie.		
	, Phase IIIB and Phase IV.		
mbankment Phase 1 embankment, con Phase 1 estimated cumula Phase II embankment, co	tive embankment placed:		
ump/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).		
nspections: CAMU: NA	Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).  Vadose: Measurement taken: (N/A) Water pumped: (N/A)		

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 @ 21cy/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 1,072,069 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 = су Daily Night shift placed today: (4) loads @ 21 cy/load (1) trucks = To Date Phase II estimated cumulative waste placed = 1.072.153 cv NIIA
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 definitionation = 2,7,21s)

Daily Days hift waste placed today: (0) loads @ 21cy/load (0) trucks =

Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =

To Date Phase IIIA estimated cumulative waste placed = су 222,174 cy Previous Daily Cumulative = 346,349 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed from: Galletia/Esstside (0) loads @ 17 cyld (0) trucks =
Daily Night shift waste placed today: (185) loads @ 21cyload (16) trucks =
To Date Phase IIIB estimated cumulative waste placed = су су 3.885 CY 350,234 cy Phase IV
Previous Daily Cumulative = 228,150 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: (184) loads @ 21cylload (19) trucks =
To Date Phase IV estimated cumulative waste placed = су 232,014 cy Phase V Previous Daily Cumulative = 100,354 cy Operations layer placed (completed) for liner certification = 40,284
Daily Day shift waste placed from: Galleria/Eastside (307) loads @ 17 cy/load (20) trucks = cv 5,219 cy Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =

To Date Phase V estimated cumulative waste placed = 105,573 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			
GCI	221.000	0	221.000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	o o	221,000
Geotextile	20,000	ō	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
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15,925	0	15,925

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BMI North GCL Geomembrane Geocomposite 1,111,468 1,111,468 1,111,468

BMI South GCL Geomembrane Geocomposite 177,000 177,000 177,000

#### Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
CAMU Cover GCL Geomembrane Geocomposite	394,514 394,514 250,500	0 0 69,500	394,514 394,514 320,000

% Complete of Basic Scope + Option Scope 62.3% Total Geosynthetics for CAMU Basic Scope (sf) Total Geosynthetics for CAMU Basic Scope (sope Scope Sco 4,151,232 98.0% 4,068,952 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY Safety Topic:
Eastside Day: Seathelts.
Day: Seathelts.
CAMU & Eastside: Discussed: Swine flu and annual physicals. CAMI Night shift

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Date: Date: Command Control Technology (Could) respectives understanding the Daily. Co.8 Jammanus (March Control Cont

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

SITE VISITORS						
Name	Organization	Purpose of Visit				

Richard Laubinger, Construction Manager

17-Nov-09

Weather Table

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

Photo 2



Photo 3



CAMU: 200,000 cy stockpile, screening.

Photo 4



CAMU: Phase II.

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