

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-Aug-09	388				

PROJECT POINTS OF CONTACT								
Position	Name	E-Mail Address	Phone No.					
BRC PROJECT MANAGER	Lee Farris, On site.	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	Sunny/Clear	PM	Sunny/Clear	Low	74			Precip. (In/Dy.)	0
Am	Suriny/Clear	P MI	Suriny/Clear H		96			Humidity (%)	0
Additions	al Weather Comments								

Richard Davis Project Engineer Construction Management Services.  Chris White Assist. Const. Mgr Construction Management Services.  Kevin Cooke Assist. Const. Mgr Construction Management Services.	Y Y Y
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Chris White Assist. Const. Mgr Construction Management Services.  Kevin Cooke Assist. Const. Mgr Construction Management Services.	, T
Kevin Cooke Assist. Const. Mgr Construction Management Services.	Y
	Y
June Laubinger Admin Assistant Construction Management Services.	Y

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
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
ON-SITE SUPPORT PERS	SONNEL		
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
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	N
ON-SITE CONTRACTOR I	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

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
Roger Wagner, Night	Entact	Eastside, Superintendent	N
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	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		
		Liner Crew, (0) Supt, 2 Laborers/ Seamers	Y
	ABC Survey	Eastside/CAMU/Western Hook	Y

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed				
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid	le			-	-	-
CAT 324D long stick excavator		Eastsid	le		-	-	-	
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	e					
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-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI	CETCO	0		For CAMU. On site	to date	Qty 2271	Spec	Tags
GCL Geocomposite	Agru	0		For CAMU, On site	_	2442		-
Geocomposite	Agru	1 0	rolls	rui Caiviu, on site	- 1	2442	I	1

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

Description of Work Executed Toda

### Eastside Mixing and Drying Activity:

Day Shift:

-PUF-6 and PUG-6 ponds, continued excavating, loading and hauling to Beta stockpile.

-PUF-6 and PUG-6 ponds, continued excavating, loading and hauling to Beta stockpile and debris storage area when necessary.

-B dozer, disponjimnizing material and stockpiling.

-PUG-6 ponds, excavating and stockpiling on the stockpiling contaminated material.

-Western Hook continued excavating/scraping and stockpiling contaminated material.

Ver 1.1 11/07 1 of 4

DA	ILY PRODUCTION & QUALITY CONTROL RE	PORT	
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6389	07-Aug-09	388	
SW-12 pH: 6	ger ep g are respond to		
Night Shift: Hauled material from Beta Ditch	stockpile and SW-3 stockpiles.		
CAMU Activity:	,		
BMI South installing 6" minus co Phase V, continue grading cell fil Phase IIIB, began installing interi Power screening 1" and 6" minus Entact measured depth of water Entact and ESI installed new pur	por and slopes.	s. Control panels and e	lectrical to fo
Night Shift: Placed material in Phase II and F	Phase IIIB.		
mbankment Phase 1 embankment, complete Phase 1 estimated cumulative er Phase II embankment, complete	mbankment placed:		
iump/Vadose Monitoring: Phas	e 1: LCRS Sump: Measurement taken: (2.5) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
Phas	se II: LCRS Sump: Measurement taken: (2.4) Water Pumped: (N/A). Vadose: Measurement taken: (NA) Water pumped: (N/A)	ı.	
Phas	se IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A)		

timated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	ture
ase I		
Previous Daily Cumulative =	291,200	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) =	0	
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	<u>0</u>	
To Date Phase I estimated cumulative waste placed =	291,200	су
9 II		
Previous Daily Cumulative =	828,262	су
Operations layer placed (completed) for liner certification. = 37,188		су
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =		cy
		cy
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =		-
Daily Night shift placed today: (247) loads @ 18cy/load (17) trucks =	4,446	су
To Date Phase II estimated cumulative waste placed =	832,708	су
IIIA		
Previous Daily Cumulative =	222,174	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		
Occasional and American design of the University		су
Operations layer placed (completed for liner certification = 21,276)		
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 =  To Date Phase IIIA estimated cumulative waste placed =		су
10 Date Fliase IIIA estillated culturative waste placed =	222,174	су
IIIB		
Previous Daily Cumulative =	160,398	су
		су
Operations layer placed (completed) for liner certification. = 21,978		
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		су
Daily Night shift waste placed today: (132) loads @ 18cy/load (10) trucks =	2,376	
To Date Phase IIIB estimated cumulative waste placed =	162,774	су
IV		
Previous Daily Cumulative =	37,314	су
		cy
Operations layer placed (completed) for liner certification = 37,314		
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 IV estimated cumulative waste placed =	37,314	су
V		
Previous Daily Cumulative =		су
		cy
Operations layer placed (completed) for liner certification. = ?		
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 =	0	cv

		Estimated Waste at Completion	
Cumulative Total To Date All Phases =	1,546,170 cy	(cy) 2,050,000	% Complete 75.4%

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			
GCI	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	Ó	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			
GCI	0	0	0
Geomembrane	ō	ō	ō
Geocomposite	ő	ŏ	ŏ
Geotextile	0	0	0

Ver1.111/07 2 of 4

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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 47.7% Geosynthetic System Cumulative Total To Date All CAMU Phases 4,151,232 75.1% 3,115,785 6,534,075

HEALTH & SAFETY

Description or resear a Subray request a sent recognition or repair and Safety Topic. Eastside Day: Discussed stop work authority. Stop unsafe acts. CAMU Day: Discussed stop work authority. Stop unsafe acts. Night shift CAMU & Eastside: Stay focused.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Descriptions of Quality Control Actions Taken Today / Quality Propercions Conducted Dailty, COA Summans; Monitored waste placement from the eastside into Phase III and Phase III Bill on the night shift. Monitor construction of sidestipopes and subgrade preparation in Phase IV. Monitor the installation of 6' minus cover soils on BMI South landfill. Monitor 42' store from pain part baddling and markible preparation. Monitor placement of Interim cover on Phase IIIIs, slopes. Performed eastSoils ampling of processed wriste.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Lee Farris, BRC, site visit during night shift.

SITE VISITORS				
Name	Organization	Purpose of Visit	T	
			+	 
			<del>                                      </del>	 

Richard Laubinger, Construction Manager

7-Aug-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  $\frac{m}{m}$  $\mathcal{H}$ Thunderstorms

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Ver 1.1 11/07 3 of 4

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

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6389	BRC Eastside Common Areas Soils Remediation	07 4 00	200
0	0	07-Aug-09	388

### **DAILY PHOTO LOG**

Photo 1



Eastside: Western hook shredding.

Photo 2



Photo 3



CAMU: 42" RCP storm drain system, manhole #1.

Photo 4



CAMU: 42" RCP storm drain system. To be manhole #2.

Ver 1.1 11/07 4 of 4