

DAILY PRODUCTION & QUALITY CONTROL REPORT							
Project No./Contract No.	Project Title / Location	Day of Report	Report No.				
6389	BRC Eastside Common Areas Soils Remediation	15-Jul-09	365				

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, on site.	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				1p (F)	Wind		Add'l Readings		
AM	Sunny/Clear	PM	0 10 10 1		88			Precip. (In/Dy.)	0	
Am	Suriny/Clear	FM	Sunny / Party Cloudy	High	115	SE	5 mph	Humidity (%)	0	
Additions	al Weather Comments									

ON-SITE WESTON PERSONNEL							
Name	Position	Trade / Work Performed	Y/N				
Dick Laubinger	Construction Manager	Construction Management Services.	Y				
Oan 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	Y
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
Meghan Lithgow	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Victor Heredia	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

ON-SITE CONTRACTOR PERSONNEL						
PBS&J, Survey	Surveyors	Survey, 7A	Υ			
Steve Morrow, ASW	Inspector	Liner Inspector	N			
Brian Rakvica	Inspector	NDEP	N			
Dock Kim, ATC	Field Observation	For AIG	Y			
Devin Gordon, MGA	Oversight	For NDEP	Y			
Bob Meyer, ASW	Inspector	Liner Inspector,	Y			

PBS&J, Survey	Surveyors	Survey, 7A	Y
ON-SITE CONTRACTOR	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	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	Y
Eli Blackburn	Entact	Asst Project Manager	N
Scott Zattau, Day	Entact	Health & Safety Technician	Y
Jose Martinez, Night	Entact	Health & Safety Technician	Y
Dawn Breedlove, Night	Entact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	Y
	ABC Survey	Eastside/CAMU,	N

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	e		-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid	e			-	-	
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	e					
Case backhoe		CAMU						
CAT 16H Grader		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			e and C					
Komatsu Loader		CAMU,	Phase	1				
Chieftain 1400 Powerscreener		CAMU						
, and the second								
MATERIAL HANDLING (ON-SI	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
001	ETCO	,	-	F CAMIL Oit-	to date	Qty	Spec	Tags

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)									
Vender	Today	HOM	Durness	Delivery Verification					
vendor	Today	OOM	raipose	to date	Qty	Spec	Tags		
CETCO	0	rolls	For CAMU, On site		2271				
Agru	0	rolls	For CAMU, On site		2442				
Agru	0	rolls	For CAMU, On site		558				
	Vendor CETCO Agru	Vendor         Today           CETCO         0           Agru         0	Vendor         Today         UOM           CETCO         0         rolls           Agru         0         rolls	Vendor         Today         U0M         Purpose           CETCO         0         rolls         For CAMU, On site           Agru         0         rolls         For CAMU, On site	Vendor         Today         UOM         Purpose         to date           CETCO         0         rolls         For CAMU, On site           Agru         0         rolls         For CAMU, On site	Vendor         Today         UOM         Purpose         Delivery to date         Divery to date           CETCO         0         rolls         For CAMU, On site         2271           Agru         0         rolls         For CAMU, On site         2442	Vendor   Today   UOM   Purpose   Delevery Verification		

### WORK COMPLETED

#### Eastside Mixing and Drying Activity:

Day Shift:

- SC-1 pond, finished excavating hauling material. Spread out remaining soils for drying.

- SC-1 pond, finished excavating and loaded out, hauled to Beta ditch stockpile.

- SW-1-2 pond, began mixing lime and water with long stock excavator. No odor evident.

- SW-1-2 pond, began mixing lime and water with long stock excavator. No odor evident.

- PUF-4 pond, started loadout, hauling to Beta ditch stockpile.

- Western Hook, continued stockpiling with excavator, no hauling today.

- DB dozer puthed up dried material in stockpiles for loadout.

- SW-1.19 rais in

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SW-12 pH: 6.		'	
Night Shift:			
Hauled material from Beta Dite Hauled material from I * minus	ch stockpile and CTR -2 stockpile. stockpile.		
CAMU Activity:			
Day Shift			
Phase IV, completed anchor to			
Phase IV, push out 1" minus of Phase IV, installed LCRS pipe			
ESI liner crew finish installing	geowoven, also cleanup site.		
Scrape dirty haul road south of Powerscreener continued screen	f Phase IV and Phase V back to Phase IIIA.		
	ontinued west from manhole # 3.		
Phase IIIA, continued placing	interim cover on south slope.		
	from monitoring well next to Phase I. Also Phase II LCRS sump. in the Phase I LCRS sump and Vadose zone. Also Phase II LCRS sump.		
Emace measures water levels	in the Finale Februs damp and vadese Earle. False Finale in Earle samp.		
Night Shift: Continued placing material in	Dhara IIID		
Continued placing material in			
Embankment Phase 1 embankment, comple	ate.		
Phase 1 estimated cumulative			
Phase II embankment , compl	ete.		
Sump/Vadose Monitoring: Ph	ase 1: LCRS Sump: Measurement taken: (2.0) Water Pumped: (N/A).  Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
ı	Phase II: LCRS Sump: Measurement taken: (0.9). Water Pumped: (428 gal) Vadose: Measurement taken: (NA) Water pumped: (N/A).		

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Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of moist
Phase I	
Previous Daily Cumulative =	291,200 c
Operations layer placed (completed) for liner certification. = 21,662	0 0
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 2	
cy/load (0 trucks) =	0 0
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =  To Date Phase I estimated cumulative waste placed =	291,200 d
To Date Fridge Legitimated Cumulative Waste placed =	231,200 0
Phase II	811,486
Previous Daily Cumulative =  Operations layer placed (completed) for liner certification. = 37,188	011,400 0
Operations layer placed (completed) for linear certification. = 57,100	
Daily Day shift waste placed today: Western Hook (0) loads @ 18 cy/load (0) trucks =	c
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	c
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	c
To Date Phase II estimated cumulative waste placed =	811,486 c
Phase IIIA Previous Daily Cumulative =	217,188 c
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	217,100 0
Operations layer placed (completed for liner certification = 21,276)	c
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	c
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	c
To Date Phase IIIA estimated cumulative waste placed =	217,188 c
Phase IIIB	
Previous Daily Cumulative =	77,742 0
Operations layer placed (completed) for liner certification. = 21,978	c
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	c
Daily Night shift waste placed today: (270) loads @ 18cy/load (19) trucks =	4.860
To Date Phase IIIB estimated cumulative waste placed =	
Phase IV	
Previous Daily Cumulative =	19,314 c
1 totious suriy cumulatro –	
Operations layer placed directly in Phase IV today: (62) loads @ 18 cy/load (7) trucks =	1,116
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	C
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	00.400
To Date Phase IV estimated cumulative waste placed =	20,430 c
Phase V	
Previous Daily Cumulative =	c
Operations layer placed (completed) for liner certification. = ?	c
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: 170/11::: (0) loads @ 18cy/load (0) trucks =	0
To Date Phase V estimated cumulative waste placed =	

	Estimated Waste a Completion (cy)			
Cumulative Total To Date All Phases =	1,422,906 cy	2,050,000	% Complete 69.4%	

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			
GCL	221.000	0	221,000
Geomembrane	221,000	0	221.000
Geocomposite	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCL	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	8,000	4,390	12,390
Phase V			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	ō	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 47.7% 75.1% 3,115,785 4,151,232 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic:
Eastside Day: Discussed Coyotes on site. Heat stress, Hydrate.
CAMU Day: Discussed Operations layer placement procedures. Stop work authority. Heat stress, Hydrate.
Night shift CAMU & Eastside: Discussed pinch points on articulating dump trucks. Hydrate.

#### CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Talen Today / Quality Inspections Conducted

<u>Bally COA Summary</u>

Monitored waste placement of eastside material into the CAMU, Phase IIIB on the night shift.

Monitored waste placement of eastside material into the CAMU, Phase III But in the night shift.

Monitored waste placement of eastside material into the CAMU, Phase III during the day shift.

Monitored the installation of operational fill in Phase IV on the night shift.

Monitored the installation of operational fill in Phase IV on the day shift.

Monitored the installation of operational fill in Phase IV.

Monitored the installation of operational fill in Phase IV.

Monitored the installation of operations in Phase IV.

#### ISSUES AND/OR ITEMS OF DISCUSSION

cussion of issues / Concerns / Conversations / Lopics
SE-2, Slit trench. Final inspection performed by Devin Gordon, MGA and Dick Laubinger, Weston. Approved for backfill.

VISITORS				
Name	Organization	Purpose of Visit		Τ
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Richard Laubinger, Construction Manager

15-Jul-09

Weather Table

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

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#### **DAILY PHOTO LOG**

Photo 1



Eastside: SW-12

Photo 2



Eastside: SW-7.

Photo 3



CAMU: Dirty haul rd, Scrape.

Photo 4



CAMU: SE-2, Slit trench. Inspection.

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