

DAILY PRODUCTION & QUALITY CONTROL REPORT					
Project No./Contract No.	Project Title / Location	Day of Report	Report No.		
6389	BRC Eastside Common Areas Soils Remediation	05-Feb-10	563		

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									
	Cor	ditions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	Cloudy	PM	Cloudy	Low	42			Precip. (In/Dy.)	0
Am	Cidudy	P-M	Cloudy		61	SE		Humidity (%)	0
Addition	al Weather Comments								

Name	Position	Trade / Work Performed	Y/N
ick Laubinger	Construction Manager	Construction Management Services.	Y
an Brennecke	Project Manager. CM	Construction Management Services.	N
hris White	Assist. Const. Mgr	Construction Management Services.	Y
(evin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
lune Laubinger	Admin Assistant	Construction Management Services.	Y

Name	Position	Trade / Work Performed	Y/N	ı
Greg Corcoran	Design Engineer	Oversight	N	
Dan Street	QA Manager	Oversight	Y	
Jim Cox	QA/QC Supervisor	Oversight	N	
Rebecca Flynn	Engineer	Oversight	N	
Camon Liddell	QA/QC Tech	Oversight	Y	
Graciano Malana	QA/QC Tech	Oversight	Y	
Victor Heredia	QA/QC Tech	Oversight	Y	
John Duncan	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,	N	

OVERSITE PERSONNEL				
Name	Position	Trade / Work Performed	Y/N	
Bob Meyer, ASW	Inspector	Liner Inspector,	Y	
Devin Gordon, MGA	Oversight	For NDEP	Y	
Brian Rakvica	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey	Surveyors	Survey	N	

PBS&J, Survey	Surveyors	Survey	N	i
ON-SITE CONTRACTO	R PERSONNEL			
Name	Company	Trade / Work Performed	Y/N	ī
Erik Gehringer	Entact	Project Manager	Y	
Eli Blackburn	Entact	Asst Project Manager	Υ	
Josh Carrol	Entact	Asst Project Manager, Eastside Manager	N	
Michael Carlson	Entact	Engineer	Y	· ·
Joe Curilla, Day	Entact	Health & Safety Officer	N	
Timothy Stadt, Day	Entact	Health and Safety Officer	N	Т
Roger Wagner, Night	Entact	Eastside, Superintendent	Υ	
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	Y	
Lance Bruce, Night	Entact	Health & Safety Officer	Y	i -
Terry Harper, Night	Entact	CAMU, Superintendent	Y	i -
Rick McIntire	Entact	CSP, Health & Safety	Y	Т
Scott Zattau, Day	Entact	Health & Safety Officer	N	
Jose Martinez, Night	Entact	Health & Safety Officer	Y	
Dawn Breedlove	Entact	Health & Safety Technician	Y	_
				=
				_
				Ξ
		Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized.	Y	
	ABC Survey	Eastside/CAMU/Western Hook	N	i

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, (4)		Eastsid	e and C	AMU.	-	-	-	
CAT 330 Excavator (1)		CAMU			-	-	-	
Linkbelt 330LX Excavator (1)		CAMU				-	-	
CAT D6 LGP Dozer (1)		Eastsid	е					
Water Trucks (3)		Eastsid	е					
Case 580 backhoe		CAMU						
12,000 gal Water Towers (3)		CAMU and Eastside.						
CAT D5 Dozer		Eastside						
Water Trucks (3)		CAMU						
CAT D-6 Dozer, (3)		CAMU						
CAT 14H Grader		CAMU						
Rock Crusher		CAMU						
Kawasaki Loader		CAMU						
Smooth drum Rollers, (3)		CAMU						
Tenent Street Sweeper		Eastsid						
Komatsu Loader		CAMU	and Eas	tside.				
Chieftain 1400 Powerscreener		CAMU						
MATERIAL HANDLING (ON-SIT	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI C	ETCO			For CAMIL On site	to date	Qty	Spec	Tags

0 rolls For CAMU, On site 2271
0 rolls For CAMU, On site 2442
0 rolls For CAMU, On site 558

Eastside Mixing and Drying Activity:

Day Shift:

- Continued from Serge at south of SW Pond, and south of HP-3 areas.

- Continued excavating/scraping Beta Ditch floor and south area. Hauling to Beta ditch stockpile at west end.

- Continued day hauling from Beta Ditch stockpile to CAMM for placement.

-Night Shift:
- Hauled material from Beta Ditch stockpiles.

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:AMU Activity:			
Day Shift			
	g 1" and 6" minus soils at 200,000 cy stockpile.		
Continued to place I and to Continued placing material	" final cover soils on Phase I, Phase II and Phase IIIB. from eastside in Phase V		
	in pipe and rock on Phase I, Phase II and Phase IIIB.		
	stalling geosynthetics on Phase IIIB.		
Begin placing interim cove			
Entact monitored/pumped	Phase v sump.		
Night Shift: Placed material in Phase I'	/ and Phase V.		
mbankment			
Phase 1 embankment, con	nolete		
Phase 1 estimated cumula			
Phase II embankment , cor	nplete.		
ump/Vadose Monitoring:			
	Phase 1: LCRS Sump: Measurement taken: (1.000) Water Pumped: (N/A).		
	Vadose: Measurement taken: (0.583) Water Pumped: (N/A).		
	Phase II: LCRS Sump: Measurement taken: (1.617) 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).		
	Phase V: LCRS Sump: Measurement taken: (2.533) Water pumped: (671 gal).		
	Vadose: Measurement taken: (N/A) Water Pumped: (N/A).		
nspections: CAMU:	÷		

DAILY PRODUCTION & QUALITY CONTROL REPORT

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	ture on wet po
Phase I		
Previous Daily Cumulative =	372,886	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase I estimated cumulative waste placed =	372,886	су
hase II	4 070 405	
Previous Daily Cumulative =	1,072,405	
Operations layer placed (completed) for liner certification. = 37,188		cy
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =		cy
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =		cy
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =		cy
To Date Phase II estimated cumulative waste placed =	1,072,405	
Phase IIIA		
Previous Daily Cumulative =	222,174	cv
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: (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase IIIA estimated cumulative waste placed =	222,174	су
Phase IIIB		
Previous Daily Cumulative =	439,547	су
Operations layer placed (completed) for liner certification. = 21,978		cy
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/ld (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase IIIB estimated cumulative waste placed =	439,547	су
hase IV		
Previous Daily Cumulative =	456,926	cy
Operations layer placed (completed) for liner certification = 37,314		cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (121) loads @ 21cy/load (10) trucks =	2,541	
To Date Phase IV estimated cumulative waste placed =	459,467	
Phase V		
Previous Daily Cumulative =	429,156	су
Operations layer placed (completed) for liner certification = 40,284		су
Daily Day shift waste placed from: Eastside. (159) loads @ 17 cy/load (10) trucks =	2,703	cy
Daily Night shift waste placed today: (146) loads @ 21cy/load (13) trucks =	3,066	cy
To Date Phase V estimated cumulative waste placed =	434,925	су
1/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	cy
12/31/09 Volume Adjustment to Correlate with CAMU Placement Survey	56,834	

		Estimated Waste at Completion	
		(cy)	% Complete
Cumulativa Total Ta Data All Dhagas -	2 4 0 4 0 0 0	0.000.000	100 79/

## Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Placed
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	004 000	0	004.000
GCL	221,000		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
		0	
Geomembrane	340,535		340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	50,000
Phase IV			
GCI	459.942	0	459.942
Geomembrane	459,942	0	459,942
	459,942	0	459,942
Geocomposite Geotextile	12.390	0	459,952 12.390
Geotextile	12,390	U	12,390

Phase V

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GCI	558.653	0	558.653			_	
Geomembrane	558.653		558,653				
Geocomposite	558,653		558,653				
Geotextile	15,925	Ö	15,925				
II North							
GCL	1.111.46	В 0	1,111,468				
Geomembrane	1.111.46	В 0	1,111,468				
Geocomposite	1,111,46	В 0	1,111,468				
II South							
GCL	177,000		177,000				
Geomembrane Geocomposite	177,000 177,000		177,000 177,000				
bris Storage Area (comple	ete)						
bris Storage Area (comple Geomembrane	12,000	0	12,000				
Geomembrane		0	12,000				
Geomembrane	12,000		,				
MU Cover GCL	12,000 874,400	7,000	881,400				
Geomembrane MU Cover	12,000	7,000 7,000	,				
Geomembrane  MU Cover GCL Geomembrane	12,000 874,400 874,400	7,000 7,000	881,400 881,400	Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	т	

Description of Health & Safety Actions Taken Today / Safety Inspections Conducted	
Safety Topic:	
Eastside Day: Discussed: Everyone is responsible for safety.	
CAMU Day: Discussed: Everyone is responsible for safety.	
Night shift CAMU & Eastside: Discussed: Wet conditions exist, work at a slow and safe pace.	
CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL	l
Description of Quality Control Actions Taken Today / Quality Inspections Conducted	
Daily CQA Summary.	
Monitored waste placement from the eastside to the CAMU on the day shift.	
Monitored waste placement from the eastside to the CAMU on the night shift.	
Monitored the installation of geosynthetics.	
Monitored installation of final cover soils.	
Monitored interim cover placement.	
<u> </u>	

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

SITE VISITORS				
Name	Organization	Purpose of Visit		
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Richard Laubinger, Construction Manager 5-Feb-10

Weather Table 69 Sunny/Clear ୍ଧ ୩୬ <u>ଘ</u> Sunny / Party Cloudy Cloudy / Partly Sunny Cloudy M, % ₩ ₩ ₩ Light Rain Rain

Snow

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

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0	0	03-Feb-10	303

## **DAILY PHOTO LOG**

Photo 1



Eastside: Beta Ditch Stockpile. Loading Day trucks.

Photo 2



Eastside: South of HP-3.

Photo 3



Eastside: South of SW-2.

Photo 4



CAMU: Phase I, Phase II and Phase IIIB. Toe of slope.

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