

D	AILY PRODUCTION & QUALITY CONTROL REPO	RT	
Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	24-Feb-10	582

PROJECT POINTS OF CO	NTACT		
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	HER CONDITIONS								
	Cor	ditions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	Cloudy	PM	Cloudy	Low	44			Precip. (In/Dy.)	0
Am	Cidddy	- m	Cibudy	High	59	S	8mph	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
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
Camon Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	QA/QC Tech	Oversight	Y
Victor Heredia	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	
	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey	Surveyors	Survey	N	

PBS&J, Survey	D DEDGONNEL	Survey		
ON-SITE CONTRACTO	R PERSONNEL			
Name	Company	Trade / Work Performed	Y/N	
Erik Gehringer	Entact	Project Manager	N	
Eli Blackburn	Entact	Asst Project Manager	Y	
Josh Carrol	Entact	Asst Project Manager, Eastside Manager	Y	
Michael Carlson	Entact	Engineer	Y	
Joe Curilla, Day	Entact	Health & Safety Officer	Y	
Scott Zattau, 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	
Dawn Breedlove	Entact	Health & Safety Technician	Y	
Jose Martinez, Night	Entact	Health & Safety Officer	Y	
				_
				_
			_	-
				-
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized.	Y	
	ABC Survey	Eastside/CAMU	N	

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed				_
CAT D400E Dump Truck (9)		CAMU			-	-	-	_
JD D400 Dump Trucks (8)		Eastsid	е			-	-	-
Chieftain 1400 Powerscreener		CAMU			-	-	-	-
Komatsu Loader		CAMU				-	-	-
CAT 345 excavators, (3)		Eastsid	e and C	AMU.		-	-	-
CAT 330 Excavator (1)		CAMU				-	-	-
Linkbelt 330LX Excavator (1)		CAMU				-	-	-
CAT D6 LGP Dozer (1)		Eastsid	е					-
Water Trucks (2)		Eastsid	е					
Case 580 backhoe		CAMU						-
12,000 gal Water Towers (3)		CAMU	and Eas	tside.				-
CAT D5 Dozer		Eastsid	е					-
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	e and C	AMU				-
	1							
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verification	
GCI	CETCO	0	rolls	For CAMU. On site	to date	Qty 2271	Spec	Tags
Geocomposite	Agru	0	rolls	For CAMU, On site	_	2442		-
Ococomposito	rigio		1005	TOT OF WIO, OIT DILC		2442		<b></b>

Geomembrane	Agru	0	rolls	For CAMU, On site	558	
Geocomposite	Agru	0	rolls	For CAMU, On site	2442	
GCL	CETCO	0	rolls	For CAMU, On site	2271	

Day Shift:
- Continued final scrape at Beta Ditch east to west, floor.
- Continued scraping laydown yard and debris storage area.
- Hauded all material to Beta Ditch stockpile and/or main haul road stockpile.
- GES, sampling 7B.

- Night Shift: - Haulari material from the Rete Ditch stockniles

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- Hauled material from the Be	ta Ditch stockpiles.		
CAMU Activity:			
Continued finish grading fina     Phase IV, continued removir     GES collected water sample     Entact monitored sumps.	on Phase IV, north slope.  over on Phase IV, north slope, east end.  it over soil on west slope and top of Phase I, Phase II and Phase IIIB.  ig excess soil from the toe of the south slope.		
Night Shift:     Placed material in Phase V.			
Embankment - Phase 1 embankment, comp - Phase 1 estimated cumulatir - Phase II embankment , com	ve embankment placed:		
Sump/Vadose Monitoring:	Phase 1: LCRS Sump: Measurement taken: (1.442) Water Pumped: (N/A).  Vadose: Measurement taken: (0.583) Water Pumped: (N/A).		
	Phase II: LCRS Sump: Measurement taken: (2.342) 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: (1.867) Water pumped: (425 gal) Vadose: Measurement taken: (N/A) Water Pumped: (N/A).		
Inspections: CAMU: N/A.	•		

DAILY PRODUCTION & QUALITY CONTROL REPORT

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	sture c
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 =		су
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		су
To Date Phase I estimated cumulative waste placed =	372,886	су
Phase II		
Previous Daily Cumulative =	1,072,405	су
Operations layer placed (completed) for liner certification. = 37,188		су
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =		су
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =		су
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =		су
To Date Phase II estimated cumulative waste placed :	1,072,405	су
Phase IIIA Previous Daily Cumulative =	222,174	CV
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)		-
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =  To Date Phase IIIA estimated cumulative waste placed :	222,174	-
	,	-,
Phase IIIB		
Previous Daily Cumulative =	439,547	су
Operations layer placed (completed) for liner certification. = 21,978		су
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/ld (0) trucks =		су
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		су
To Date Phase IIIB estimated cumulative waste placed :	439,547	су
Phase IV		
Previous Daily Cumulative =	483,323	cy
		cy
Operations layer placed (completed) for liner certification = 37,314  Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		-
Daily Night shift waste placed today: (0) loads @ 17 cyrload (0) trucks =  Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy cy
To Date Phase IV estimated cumulative waste placed :  To Date Phase IV estimated cumulative waste placed :	483,323	-
Phase V		
Previous Daily Cumulative =	514,174	су
Operations layer placed (completed) for liner certification = 40,284		су
Daily Day shift waste placed from: Eastside. (0) loads @ 17 cy/load (0) trucks =		су
Daily Night shift waste placed today: (363) loads @ 21cy/load (16) trucks =	7,623	
To Date Phase V estimated cumulative waste placed =	521,797	су
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	CV

		Estimated Waste at Completion	
Cumulative Total To Date All Phases =	3,292,716 cy	(cy) 2,900,000	% Complete 113.5%

### 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
Ph !! (!)			
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	0	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
Geolexille	30,000	U	50,000
Phase IV			
GCL	459.942	0	459.942
Geomembrane	459.942	Ó	459.942
Geocomposite	459.952	0	459.952
Geotextile	12.390	o o	12.390
	,	-	,

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	AILY PRODUCTION						
Project No./Contract No. 6389		emmon Areas	Soils Remediation	Day of Report 24-Feb-10	Report No.	-	
GCL Geomembrane Geocomposite Geotextile	558,653 558,653 558,653 15,925	0 0 0	558,653 558,653 558,653 15,925	<u> </u>		<u></u>	
BMI North GCL Geomembrane Geocomposite	1,111,468 1,111,468 1,111,468	0 0 0	1,111,468 1,111,468 1,111,468				
BMI South GCL Geomembrane Geocomposite	177,000 177,000 177,000	0 0 0	177,000 177,000 177,000				
Debris Storage Area (comp	elete)						
Geomembrane	12,000	0	12,000				
CAMU Cover GCL Geomembrane Geocomposite	1,177,000 1,177,000 1,112,000	65,400 65,400 0	1,242,400 1,242,400 1,112,000				
				Total Geosynthetics for CAMU Basic Scope (sf)	- ( D ! -	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cum	ulative Total To Date All C	AMU Phases	4,928,838	4,151,232	88.8%	6,534,075	75.4%
HEALTH & SAFETY Description of Health & Safety Action Safety Topic: Eastside Day: Discussed: Watc CAMU Day: Discussed: Spotte Night shift CAMU & Eastside: N	is Taken Today / Safety Inspections the for uneven ground when dum is safety, pinch points. larrow haul roads and parking a	ping.					
CONSTRUCTION QUALITY	ASSURANCE & QUALITY	CONTROL					
Description of Quality Control Action Daily CQA Summary. Monitor waste placement of east Monitor the placement of final c Monitor the placement of final o Monitor the placement of interin Monitor the installation of geosy	over. n cover.	Conducted the night shift.					
ISSUES AND/OR ITEMS OF Discussion of Issues / Concerns / Co	DISCUSSION nversations / Topics						
SITE VISITORS						]	
Name	Organization		Purpose of Visit			-	
						1	
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Richard Laubinger, Construction Manager

24-Feb-10

Weather Table Sunny/Clear 9 Ω Mp <u>a</u> Sunny / Party Cloudy Cloudy / Partly Sunny Cloudy M, Light Rain % ₩ ¥ Rain Thunderstorms Snow

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

## **DAILY PRODUCTION & QUALITY CONTROL REPORT**

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0	0	24-Feb-10	582

## **DAILY PHOTO LOG**

Photo 1



Eastside: Scrape.

Photo 2



CAMU: Phase IV, North slope.

Photo 3



Photo 4



CAMU: Stockpile.

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