

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	09-Oct-09	450

PROJECT POINTS OF COM	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	Sunny/Clear	PM	Sunny/Clear	Low	57			Precip. (In/Dy.)	0
Am	Suriny/Clear	P-M	Suriny/Clear	High	83			Humidity (%)	0
Addition	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	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	

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	

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

PBS&J, Survey	Surveyors	Survey	Y	
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	N	
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	
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	
	Entact			
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers	N	
	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	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	le					
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	Tag

MATERIAL HANDLING (O)	I-SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose		Delivery	Verification	n
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:

- Continued excavating in PUC-7 and PUB-3, hauling material to Beta Ditch stockpile.

- Continued excavating road south of PUD-7 and PUB-3, hauling material to Beta Ditch stockpile.

- Continued excavating along sewer realignment by PUB-9PUC-3 and PUA-10, mixing and stockpiling material.

- Continued excavating along sewer realignment by PUB-9PUC-3 and PUA-10, mixing and stockpiling material.

- Sich and SW-4 excavating and scraping top of berms and slopes. Stockpiling material.

- PUD-9, excavated and stockpilich.

- DHIN.8 material excavated and hondred OTIP trurks hauled to CAMI I

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	nd loaded OTR trucks, hauled to CAMU. avating and loading OTR trucks, hauling to CAMU for placement.		
- Night Shift: - Hauled material from Beta Dit	ch, SC-1, WST-4, and WST-5 stockpiles.		
CAMU Activity:			
	and rolling slopes, removing excess soil from bench of slope, preparing for liner. m Western Hook and Eastside into Phase IIIB. Phase I and Phase II Sumps.		
- Night Shift: - Placed material in Phase I, Ph	nase IIIB and Phase V.		
Embankment - Phase 1 embankment, comple - Phase 1 estimated cumulative - Phase II embankment, comple	embankment placed:		
Sump/Vadose Monitoring:	hase 1: LCRS Sump: Measurement taken: (1.5) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
P	hase II: LCRS Sump: Measurement taken: (2.4) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).		
P	hase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A) Vadose: Measurement taken: (N/A) Water Pumped: (N/A).		
Inspections: CAMU: N/A. Eastside: Inspec	cted perimeter fence, all secure.		

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	sture (
Phase I		
Previous Daily Cumulative =	315,300	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: (0) loads @ 20 cy/load (0 trucks) =	0	су
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase I estimated cumulative waste placed =	315,300	су
Phase II	4 000 050	
Previous Daily Cumulative =	1,029,952	
Operations layer placed (completed) for liner certification. = 37,188		су
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		су
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =		су
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase II estimated cumulative waste placed =	1,029,952	су
hase IIIA		
Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	222,174	су
		cy
Operations layer placed (completed for liner certification = 21,276) Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 16 cyrload (0) trucks =		cy
To Date Phase IIIA estimated cumulative waste placed =	222,174	-
hase IIIB		
Previous Daily Cumulative =	239,676	су
Operations layer placed (completed) for liner certification. = 21,978		су
Daily Day shift waste placed from: Eastside/Western Hook (171) loads @ 18 cy/ld (16) trucks =	3,078	су
Daily Night shift waste placed today: (149) loads @ 18cy/load (14) trucks =	2,682	су
To Date Phase IIIB estimated cumulative waste placed =	245,436	су
nase IV		
Previous Daily Cumulative =	119,052	су
Operations layer placed (completed) for liner certification = 37,314		су
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		су
Daily Night shift waste placed today: (205) loads @ 18cy/load (17) trucks =	3,690	су
To Date Phase IV estimated cumulative waste placed =	122,742	су
nase V		
Previous Daily Cumulative =	49,266	су
Operations layer placed (completed) for liner certification = 40,284		су
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 = To Date Phase V estimated cumulative waste placed =	49,266	су
TO Date Friase V estimated cumulative waste placed =	49,266	uy

| Estimated Waste at | Completion | (cy) | % Complet | Cumulative Total To Date All Phases = 1,984,870 cy | 2,400,000 | 82.7%

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	Ö	0	Ó
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			
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	ō	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 1,111,468 1,111,468 1,111,468

BMI South GCL Geomembrane Geocomposite

Debris Storage Area (complete)

Geomembrane	12,000	0	12,00
CAMU Cover GCL	0	0	0
Geomembrane	ō	0	0
Geocomposite	0	0	0

		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU Phase	s 3,674,438	4,151,232	88.5%	6,534,075	56.2%

HEALTH & SAFETY

Safety Topic:
Eastside Day: Discussed: Job Task Review, think before you act.
CAMU Day: Discussed: Job Task Review, think before you act.
Night shift CAMU & Eastside: Discussed: Radio communication.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Descriptor of Quality Control Actions Taken Today / Quality Inspections Connacted Dailty CAS Aummary

Monitor waste placement into the CAMU of eastaide material during the Night shift. Monitor waste placement into the CAMU of western host material during the Day shift. Monitor the installation of interim cover and grading for CAMU closure on phase IIIA. Perform density testing as requested by Entact on Interim Cover. No request today. Perform eastside waste sampling as needed.

ISSUES AND/OR ITEMS OF DISCUSSION

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

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9-Oct-09

M, Overcast Light Rain η_o

Weather Table Sunny/Clear

Sunny / Party Cloudy

Cloudy / Partly Sunny

Cloudy

Rain *m* \mathcal{H} Thunderstorms

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

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0	0	09-001-09	430

DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB.

Photo 2



Photo 3



Eastside: SC-1.

Photo 4



Eastside: SC-1.

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