

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	23-Sep-09	434

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	Sunny/Clear	Ten	mp (F) Wind		Add'l Readings		
AM	Sunny/Clear	PM		Low	69			Precip. (In/Dy.)	0
Am	Suriny/Clear	F-MI		Suriny/Clear High		91			Humidity (%)
Addition	al Weather Comments								

ON-SITE WESTON PERSO	NNEL			
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.	N	
June Laubinger	Admin Assistant	Construction Management Services.	Y	
				-

Name	Position	Trade / Work Performed	Y/N	
Greg Corcoran	Design Engineer	Oversight	N	
Dan Street	QA Manager	Oversight	Ϋ́	
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	

ON-SITE SUPPORT PERSO	ONNEL			
Name	Position	Trade / Work Performed	Y/N	
		Air Monitoring	N	
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring,	Y	

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
ON-SITE CONTRACTO	R PERSONNEL		
Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Entact	Project Manager	Y
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	N
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, Night	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
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	е			-	-	
CAT 324D long stick excavator		Eastsid	е		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastsid	е			-	-	
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	е					
Water Trucks (3)		Eastsid	е					
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastsid	е					
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-SI	TE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI	ETCO			For CAMIL On site	to date	Qty 2271	Spec	Tags

			l			l		1
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose	_	Delivery 1	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

Eastside Mixing and Drying Activity:

Day Shift:

- Eastside day hashing continued from PUC-7, PUC-5 and PUC-6 to CAMU, Phase II with OTR trucks.

- Continued excavating wet material from WST-3 and spreading out to dry.

- Continued excavating PUF-7 and road south of PUG-7, hashing material to Beta Dich stockpile.

- Continued excavating pulse serve readjownent by PUB-9 and PUC-8, mixing and stockpiling material.

- Discord material previously spread out to dry from WST-4, WST-5 and SW-12.

- Wastern Horsk continued excavations and stockpiling.

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Night Shift:	avaing and stockpiling. onstruction fence on the floor of the sewer realignment corridor. tch, WST-2 and WST-7 stockpiles.		
Entact monitored leachate in 3ES collected water samples Entact made access threw so Night Shift: Placed material in Phase I, P mbankment	om Eastable Into Phase II. logoes with smooth drum foller. Phase I and Phase III. from Phase II sump and monitoring well next to Phase I. such from Phase III. uth fence in dirty haul road and installed a ramp for drilling operation to begin T hase II and Phase IIIB.	ihursday.	
Phase 1 embankment, compl Phase 1 estimated cumulativ Phase II embankment , comp	e embankment placed:		
ump/Vadose Monitoring: F	Phase 1: LCRS Sump: Measurement taken: (1.3) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
F	Phase II: LCRS Sump: Measurement taken: (2.6) 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).		
F			

Fastside: Perimeter fence inspection, all secure		
Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	stu
Phase I		
Previous Daily Cumulative =	312,780	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Phase IV,V scrape & Phase IIIB trench excavation. 0 loads @ 2	4	
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 =	312,780	СУ
nase II		
Previous Daily Cumulative =	988,282	Су
Operations layer placed (completed) for liner certification. = 37,188		Cy
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =		Су
Daily Day shift waste placed today: Eastside Waste, (148) loads @ 18cy/load (14) trucks =	2,664	Cy
Daily Night shift placed today: (254) loads @ 18cy/load (19) trucks =	4,572	С
To Date Phase II estimated cumulative waste placed =	995,518	C
nase IIIA		
Previous Daily Cumulative =	222,174	С
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		ľ
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 =		Cγ
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		C
To Date Phase IIIA estimated cumulative waste placed =	222,174	C
nase IIIB		
Previous Daily Cumulative =	193,032	C١
•		Cy
Operations layer placed (completed) for liner certification. = 21,978		Г
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		C)
Daily Night shift waste placed today: (95) loads @ 18cy/load (11) trucks = To Date Phase IIIB estimated cumulative waste placed =	1,710 194,742	
To Date Phase his estimated cumulative waste placed =	194,742	U)
ase IV		
Previous Daily Cumulative =	89,334	Cy
Operations layer placed (completed) for liner certification = 37,314		C!
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 =		C
To Date Phase IV estimated cumulative waste placed =	89,334	
V		
nase V Previous Daily Cumulative =	40.284	C.
1 torous suny cumulatro =	40,204	1
Operations layer placed (completed) for liner certification = 40,284		Cy
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =		Cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		Су
To Date Phase V estimated cumulative waste placed =	40,284	C

		Estimated Waste at Completion	
Cumulative Total To Date All Phases =	1,854,832 cy	(cy) 2,400,000	% Complete 77.3%

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			
GCL	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	ō	340.535
Geocomposite	340.535	ō	340.535
Geotextile	50,000	ō	50,000
Phase IV			
GCL	459,942	0	459,942
Geomembrane	459.942	0	459.942
Geocomposite	459.952	ō	459.952
Geotextile	12,390	ō	12,390
Phase V			
GCL	558,653	0	558,653
Geomembrane	558.653	ō	558.653
Geocomposite	558,653	ō	558,653
Geotextile	15,925	0	15,925

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BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
0	0	0	

88.5% 3,674,438 4,151,232 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic.

Eastside Day: Discussed: Personal Hygiene, wash hands before leaving site.

CAMU Day: Discussed: Personal Hygiene, wash hands before leaving site.

Night shift CAMU & Eastside: Discussed: Lights at Boulder Highway plan to stop.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Access Assessing Section (Assessing Assessing Assessing

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conversations / Topics
Weston and Entact met with Tronox consultant (Ed Krish) threw Susan Crowley in regards to coordinating drilling operation, south of the dirty haul road. Entact agreed to gain access in fence and grade a ramp into area. Drilling to begin on Thursday.

SITE VISITORS

Richard Laubinger, Construction Manager

23-Sep-09

Weather Table

9 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> M, Overcast Light Rain η_o 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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0	0	23-3ep-09	

DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIA.

Photo 2

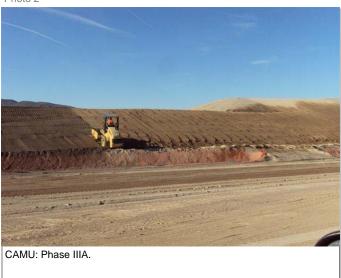


Photo 3



CAMU: Sewer realignment corridor.

Photo 4



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