

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	16-Oct-09	457

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	nditions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	Sunny/Clear	PM	0 101		61			Precip. (In/Dy.)	0
Am	Suriny/Clear	F-Mi	Sunny/Clear	High	90	N			0
Addition	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		

ON-SITE GEOSYNTEC 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			
Stuart Irwin	QA/QC Tech	Oversight	Y			
Camon Liddell	QA/QC Tech	Oversight	Y			
Graciano Malana	QA/QC Tech	Oversight	Y			

ON-SITE SUPPORT PERSO	NNEL			
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	I
	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PRS& I Survey	Surveyore	Survey	N	

PBS&J, Survey	Surveyors	Survey	N	
ON-SITE CONTRACTO	OR 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	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	
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	
Dawn Breedlove	Entact	Health & Safety Technician	Y	
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers	Y	
	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, CAM	U and Galleria		-	-	-
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	e					-
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	and Eas	stside.				-
Chieftain 1400 Powerscreener		CAMU						-
								-
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose	to date		Verification	
GCI	CETCO	0	rolls	For CAMU. On site	to date	Qty 2271	Spec	Tags
Geocomposite	Agru	0	rolls	For CAMU, On site	+	2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558	-	l
	1.9		1000			000		

Geocomposite
Geomembrane
WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:

- HP-2 and HP-3 berms, continued loading OTR trucks and hauling to CAMU for placement.

- HP-2 and HP-3 berms, continued excavating and stockpling material.

- Continue excavating PUC-8 and PUD-8 loading out and hauling to Beta Ditch stockplie.

- Continue excavating rades used in PUB-8 and PUR-1, loading and hauling to Beta Ditch stockplie.

- Continued excavating adds used in PUB-8 and PUR-10, loading and hauling material to Beta Ditch stockplie.

- Continued excavating along sever realignment in PUB-9 and PUR-10, mixing and stockpling material.

- Syst-12, and WF3-2, continued discarging and purphing up reviously pread dried out material.

- Prostinued installion construction faces in nine line contrieve.

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Continued installing construction fence in pipe line confidor. Southern th, removing original chain link fence. Southern th, removing original chain link fence. Saleria Scrape, Continued loading OTR trucks and hauling soils to CAMU. Clean soil was installed over haul roads intersecting waste areas. Micht Shift: Hauled material from WST-4, WST-5, WST-7 and Beta Ditch stockpiles.					
Phase IIIA, ESI continued dependent of the Phase IIIA, continued finish generated Phase II, grading waste. Continued housekeeping of significant of the Phase III, grading waste.	-				
Night Shift: Placed material from eastside Embankment Phase 1 embankment, compl Phase 1 estimated cumulative Phase II embankment, compl	embankment placed:				
	hase 1: LCRS Sump: Measurement taken: (1.6) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).				
	hase II: LCRS Sump: Measurement taken: (2.4) Water Pumped: (N/A). Vadose: Measurement taken: (N/A Water pumped: (N/A). hase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).				

Stimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	tui
hase I		
Previous Daily Cumulative =	319,188	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Eastside, (110) loads @ 20 cy/load (16 trucks) =	1,980	су
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase I estimated cumulative waste placed =	321,168	су
ase II	4 005 040	
Previous Daily Cumulative =	1,035,046	.,
Operations layer placed (completed) for liner certification. = 37,188		С
Daily Day shift waste placed today: Western Hook, (0) loads @ 18 cy/load (0) trucks =		C!
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 18cy/load (0) trucks =		С
Daily Night shift placed today: (35) loads @ 18cy/load (4) trucks =	630	Су
To Date Phase II estimated cumulative waste placed =	1,035,676	C
se IIIA		
Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	222,174	Су
Operations layer placed (completed for liner certification = 21,276)		Су
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =		су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase IIIA estimated cumulative waste placed =	222,174	су
se IIIB		
Previous Daily Cumulative =	269,340	су
Operations layer placed (completed) for liner certification. = 21,978		су
Daily Day shift waste placed from: Galleria/Eastside (114) loads @ 18 cy/ld (16) trucks =	2,052	су
Daily Night shift waste placed today: (149) loads @ 18cy/load (14) trucks =	2,682	
To Date Phase IIIB estimated cumulative waste placed =	274,074	СУ
se IV		
Previous Daily Cumulative =	142,362	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: (194) loads @ 18cy/load (18) trucks =	3,492	
To Date Phase IV estimated cumulative waste placed =	145,854	су
se 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 Phase V estimated cumulative waste placed =	49,266	су

| Estimated Waste at | Completion | (cy) | % Complet | Cumulative Total To Date All Phases = | 2,048,212 cy | 2,400,000 | 85.3%

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	Ó
Phase IIIA			
GCI	221.000	0	221.000
Geomembrane	221.000	0	221.000
Geocomposite	221,000	0	221.000
Geotextile	20,000	ō	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	ō	50,000
Phase IV			
GCI	459.942	0	459.942
Geomembrane	459,942	0	459.942
Geocomposite	459,952	0	459.952
Geotextile	12,390	ő	12,390
Phase V			
GCI	558.653	0	558.653
Geomembrane	558,653	0	558.653
Geocomposite	558,653	0	558.653
Geotextile	15.925	ŏ	15,925
	0,020		

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BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite 177,000 177,000 177,000

Debris Storage Area (complete)

12,000 CAMU Cover GCL Geomembrane Geocomposite 103,700 103,700 <u>0</u>

% Complete of Basic Scope + Option Scope 57.8% Total Geosynthetics for CAMU Basic Scope (sf) Total Geosynthetics for CAMU Basic Scope Scope +Option Scope Geosynthetic System Cumulative Total To Date All CAMU Phases 91.0% 3,778,138 4,151,232 6,534,075

HEALTH & SAFETY

Safety Topic:

Eastside Day: Discussed: Home security, lock your vehicles, etc.

CAMU Day: Discussed: Home security, lock your vehicles, etc.

Night shift CAMU & Eastside: Discussed: Speed on the haul road.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Descriptions of Quality Coreal Actions Taken Today / Claudity Inspections Constanced
Dailty, CAD Summary
Monitor waste placement into the CAMU of eastside material during the night shift.
Monitor waste placement into the CAMU of western hook and eastside material during the day shift.
Monitor the installation of interim cover for CAMU closure.
Monitor the installation of geosynthetics at Phase IIII.C Closure.
Perform density testing as requested by Entact on interim cover.
Perform essible weaths sampling as requested by Entact.

ISSUES AND/OR ITEMS OF DISCUSSION

Naturesian of Issues / Concerns / Conversations / Topics
Galleria Scrape, contractor directed to install clean soil over any traffic intersection of waste areas.

SITE VISITORS

Richard Laubinger, Construction Manager

16-Oct-09

Weather Table

9 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> M, Overcast Light Rain η_o 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		

DAILY PHOTO LOG

Photo 1



Eastside, sewer realignment corridor.

Photo 2



Photo 3



Photo 4



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