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



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	19-Sep-09	430

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								
	Con	ditions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	Sunny/Clear	PM	Sunny/Clear	Low	75			Precip. (In/Dy.)	0
Am	Suriny/Clear	P MI	Suriny/Clear	High	101	S	8 mph	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
Richard Davis	Project Engineer	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.	N

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
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,	N	

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

PBS&J, Survey	Surveyors	Survey	N	
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, Nights	Entact	Health & Safety Officer	Y	
Terry Harper, Night	Entact	CAMU, Superintendent	Y	
Rick McIntire	Entact	CSP, Health & Safety	Y	
John Frazier , Days	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						
					-			
								П
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

Г	Material	Vendor	Today	UOM	Purpose	_	Delivery 1	Verification	n
П	material	vendor	Today	OOM	ruipose	to date	Qty	Spec	Tags
(3CL	CETCO	0	rolls	For CAMU, On site		2271		
G	Geocomposite	Agru	0	rolls	For CAMU, On site		2442		
0	Geomembrane	Agru	0	rolls	For CAMU, On site		558		

WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:

- PRUST, PLUC-5, PUC-6 and PUE-7 continued loading out and hauling material from eastaids to CAMU Phase II using OTR trucks.

- PRUST, PLUC-5 and PUE-5 continued excending in the pond and the road to the south, loaded material and hauled to the Beta Ditch stockpile.

- PUE-9 at PUC-8, exceuding along sever realignment, loading and hauling to Beta Ditch stockpile.

- WST-3 and WST-4, continued exceeding and apreading out to dry.

- WST-6 and SW-12, disceed material previously spread out for drying.

- WST-6, hauled dried material to Beta Ditch stockpile.

- WST-9, the stockpile activation and supplied to the stockpile.

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PUD-8 and PUC-6 stocks Western Hook, continued	oiled material. I hauling stockpiled material with OTR trucks to the CAMU, placing in Phase III.		
Night Shift: No Activity.			
AMU Activity:			
Phase II, D6 dozer, place Phase I, Phase II and Ph	nd waste hauled in from eastside, ad waste hauled in from western hook. asse IIIB, graded waste. d, completed additional pipe connections to water stand tank.		
Night Shift: No Activity.			
mbankment Phase 1 embankment, co Phase 1 estimated cumul Phase II embankment, c	lative embankment placed:		
ump/Vadose Monitoring	g: Phase 1: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A) Vadose: Measurement taken: (N/A) Water Pumped: (N/A)		
	Phase II: LCRS Sump: Measurement taken: (N/A) 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)		
spections: CAMU: N/A	- ence inspection, all secure.		

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of moisture
Phase I	
Previous Daily Cumulative =	312,384 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scrape & Phase IIIB trench excavation. 0 loads @ 2	
cy/load (0 trucks) =	0 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	су
To Date Phase I estimated cumulative waste placed =	312,384 cy
ase II	
Previous Daily Cumulative =	972,100 cy
Operations layer placed (completed) for liner certification. = 37,188	су
Daily Day shift waste placed today: From Western Hook (65) loads @ 18 cy/load (10) trucks =	1,170 cy
Daily Day shift waste placed today: Eastside Waste, (95) loads @ 18cy/load (8) trucks =	1,710 ^{Cy}
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	су
To Date Phase II estimated cumulative waste placed =	974,980 cy
ise IIIA	
Previous Daily Cumulative =	222,174 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	
	cy
Operations layer placed (completed for liner certification = 21,276)	
Daily Day shift waste placed today: From Phase IIIB. (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 cy
se IIIB	
Previous Daily Cumulative =	184,842 cy
	cy
Operations layer placed (completed) for liner certification. = 21,978	
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IIIB estimated cumulative waste placed =	: 184,842 cy
se IV	
Previous Daily Cumulative =	87,012 cy
	cy
Operations layer placed (completed) for liner certification = 37,314	
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 IV estimated cumulative waste placed =	87,012 cy
ase V	
Previous Daily Cumulative =	40,284 cy
Operations layer placed (completed) for liner certification = 40,284	cy
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 =	су
To Date Phase V estimated cumulative waste placed =	40,284 cy

| Estimated Waste at | Completion | (cy) | % Complet | Cumulative Total To Date All Phases = 1,821,676 cy 2,400,000 | 75.9%

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	0
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			
GCL	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	Ó	558,653
Geotextile	15,925	0	15,925

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DAILY PRODUCTION & QUALITY CONTROL REPORT				
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BMI North GCL Geomembrane Geocomposite 1,111,468 1,111,468 1,111,468

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		

% Complete of Basic Scope + Option Scope 56.2% 4,151,232 88.5% 3,674,438 6,534,075

HEALTH & SAFETY

Geosynthetic System Cumulative Total To Date All CAMU Phases

Safety Topic:
Eastside Day: Discussed: Entact policy using Cell Phones.
CAMU Day: Discussed: Entact policy using Cell Phones.
Night shift CAMU & Eastside: No Work.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Daily CoA Summary.

Monitor waste placement into the CAMU of eastside material during the Day shift.

Monitor waste placement into the CAMU of wastern hook material during the Day shift.

Monitor waste placement into the CAMU of wastern hook material during the Day shift.

Monitor waste pracement into the CAMU of wastern hook material during the Day shift.

ISSUES AND/OR ITEMS OF DISCUSSION

SITE VISITORS

Richard Laubinger, Construction Manager

19-Sep-09

Weather Table

Sunny/Clear 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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0	0	19-Sep-09	430

DAILY PHOTO LOG

Photo 1



CAMU: Phase IIIB and Phase I.

Photo 2



Photo 3



Photo 4



CAMU: Phase V, water feed line to Stand Tank.

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