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



Henderson, Nevada 89011					Bas	ic Re	media	tion	
D/	AILY PRODUCTION	& QI	JALI	TY CONTROL REPO	DRT				
Project No./Contract No.	1	roject Titl			Day of	Report	Repor	rt No.	
6389	BRC Eastside Common Areas Soils Remediation		17-M	av-09	30)8			
PROJECT POINTS OF CON Position	NTACT		1	E-Mail Address	1	Pho	ne No.		
BRC PROJECT MANAGER	Lee Farris			landwellco.com		702-5	67-0400		
BRC PROJECT MANAGER CONST. PROJECT MANAGER	Ranajit Sahu Dan Brennecke		Dan.B	n@earthlink.net rennecke@westonsolutions.c		970-2	67-0400 60-5886		
Construction Manager	Richard Laubinger		Richar	d.Laubinger@westonsolution		720-6	41-8660		
WEATHER CONDITIONS	Conditions			Temp (F) Wind	1	Add'l R	Readings		
AM Sunny/Clear	PM Sunn	/Clear		Low 75 High 100 NNE 5 mph	Precip. Humidit				
Additional Weather Comments Calm to 5 mph.				inger 100 mile joinpit					
can to 5 mpri.									
ON-SITE WESTON PERSO	NNEL								
Name Dick Laubinger	Position Construction Manager	Constr	uction M	Trade / Work Performed anagement Services.			Y/N N		
Dan Brennecke	Project Manager. CM	Constr	uction M	anagement Services.			N		
Richard Davis Chris White	Project Engineer Assist. Const. Mgr	Constr	uction M	anagement Services. anagement Services.			N		
Wayne Hodgson Kevin Cooke	Assist. Const. Mgr Assist. Const. Mgr			anagement Services. anagement Services.			Y Y		
June Laubinger	Admin Assistant			anagement Services.			N		
		-							
		-					<u> </u>		
ON-SITE GEOSYNTEC PE	RSONNEL	1	_						
Name	Position	C	otes	Trade / Work Performed			Y/N		
Greg Corcoran Dan Street	Design Engineer QA Manager	Oversi	ght				N N		
Jim Cox Robecca Flynn	QA/QC Supervisor Engineer	Oversi		Visit.			N N		
Sam Campbell-Nelson Roland Derosier	QA/QC Tech QA/QC Tech	Oversi Oversi					N N	-	
Camon Liddell Victor Heredia	QA/QC Tech QA/QC Tech	Oversi	ght				Y		
Meghen Lithgow ON-SITE SUPPORT PERS	QA/QC Tech	Oversi					N		
Name	Position			Trade / Work Performed			Y/N		
Doug Herlocker, Tetra Tech Becky Dano, Tetra Tech	Air Monitoring Specialist Air Monitoring Specialist	Air Mo	nitoring				N N		
Jerry Faucheux, Tetra Tech	Air Monitoring Specialist		nitoring				N		
		1							
OVERSITE PERSONNEL Name	Position			Trade / Work Performed			Y/N		
Bob Meyer, ASW	Inspector		nspector.				N		
Devin Gordon, MGA Dock Kim, ATC	Oversight Field Observation	For NE For AlC					N N		
Brian Rakvica Steve Morrow, ASW	Inspector Inspector	NDEP Liner Ir	nspector				N		
PBS&J, Survey	Surveyors	Survey					N		l
ON-SITE CONTRACTOR P Name	ERSONNEL Company			Trade / Work Performed			Y/N	-	
Erik Geringer	Entact		Manage	ər			N		
Jeremy Schissler Josh Carrol	Entact Entact	Asst P	Project Ma				N		
Michael Carlson Joe Curilla, Day	Entact Entact	Engine Health	er & Safet	y Officer			N		
Timothy Stadt, Day Roger Wagner, Night	Entact Entact			ety Officer rintendent			Y Y		
Ed Long, Day Lance Bruce, Nights	Entact Entact	CAMU	Superir & Safet	ntendent			N Y		
Terry Harper, Night	Entact	CAMU	Superir	ntendent			Ŷ		
Rick McIntire John Frazier , Nights	Entact	Health	Health & & & & & & & & & & & & & & & & & & &	y Officer			N Y		
Eli Blackburn Scott Zattau, Day	Entact Entact	Health		/ Technician			N N		
Jose Martinez, Night Carol McKenzie, Night/Day	Entact Entact	Health Health	& Safety & Safet	y Technician y Officer			Y Y		
Dawn Breedlove, Night	Entact	Health	& Safety	/ Technician			Y		
Russell Karnes	Entact	Suneri	ntendent	, Additional Tasks, Southern Rit	b. etc		N		
	Environmental Specialties, In ABC Survey	. Liner C		Supt, 9 Laborers/ Seamers	_, 010.		N		
	noo ourrey	Lasisk					N		
ON-SITE EQUIPMENT	Max 1 Am 11	1		West Deday	-				
Equipment CAT D400E Dump Truck (10)	Vendor / Tag No.	CAMU		Work Performed	-	-	-		
JD D400 Dump Trucks (10) CAT 324D long stick excavator		Eastsic	le			-	-	-	
CAT D8R Dozer with disc, (1) CAT 345 excavators, (8)		Eastsic	le	AMU Southern Pik		-	-	-	
CAT 330 Excavator (1)		CAMU	lo and C	AMU, Southern Rib		-	-	-	
Kobelco Excavator, (1) CAT D6 LGP Dozer (1)		CAMU Eastsic				-		•	
Water Trucks (3) Case backhoe		Eastsic	ie					-	
		CAMU			-			-	
CAT 16H Grader		CAMU						-	
CAT 16H Grader CAT D-10 Dozer Water Trucks (4)		CAMU			1 1				
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 14H Grader		CAMU CAMU CAMU							
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 14H Grader Gradall JLG		CAMU CAMU CAMU CAMU CAMU						-	
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer (3) CAT 14H Grader Gradall JLG Smooth drum Rollers, (3)		CAMU CAMU CAMU CAMU CAMU CAMU Eastsic	le and C	AMU				-	
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 14H Grader Gradall JLG Smooth drum Rollers, (3) Tenent Street Sweeper Komatsu Loader		CAMU CAMU CAMU CAMU CAMU CAMU Eastsic CAMU	le and C , Phase	iamu 1					
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 14H Grader Gradall JLG Smooth drum Rollers, (3) Tenent Street Sweeper Komatsu Loader		CAMU CAMU CAMU CAMU CAMU CAMU Eastsic	de and C , Phase	AMU 1				- - - - - -	
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 14H Grader Gradall JLG Smooth drum Rollers, (3) Tenent Street Sweeper Komatsu Loader		CAMU CAMU CAMU CAMU CAMU CAMU Eastsic CAMU	le and C , Phase	AMU 1					
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 0-6 Dozer, (3) CAT 14H Grader Graduil JLG Smooth drum Rollers, (3) Tenent Street Sweeper Komatsu Loader Chiettain 1400 Powerscreener	SITE DELIVERY / REMOVAL)	CAMU CAMU CAMU CAMU CAMU CAMU Eastsic CAMU	le and C , Phase	AMU 1					
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-6 Dozer, (3) CAT 0-6 Dozer, (3) CAT 0-4H Grader Gradall JLG Smooth drum Rollers, (3) Tenent Street Sweeper Komstau Laader Chieftain 1400 Powerscreener MATERIAL HANDLING (on) Material	Vendor	CAMU CAMU CAMU CAMU CAMU CAMU Eastsic CAMU CAMU CAMU	UOM	1 Purpose	D	elivery 1	Verificatio	n Tags	
CAT 16H Grader CAT D-10 Dozer Water Trucks (4) CAT D-5 Dozer, (3) CAT 14H Grader Gradall Smooth drum Rollers, (3) Tenent Street Sweeper Komatsu Loader Chieftain 1400 Powerscreener	STE DELIVERY / REMOVAL) Vendor CETCO Agru Agru	CAMU CAMU CAMU CAMU CAMU CAMU Eastsic CAMU CAMU	UOM rolls	1	D to date	elivery 1 Oty 1781 2442 558	Verificatio Spec	n Tags	

DAILY PRODUCTION & QUALITY CONTROL REPORT						
Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
6389	BRC Eastside Common Areas Soils Remediation	17-May-09	308			
Description of Work Executed Toda	Ý					
Eastside Mixing and Drying	Activity:					
Day Shift: - Grade haul rd, Presoak with v	vater truck.					
- <u>Night Shift:</u> - Hauled stockpiled material fro	m CTR-2 and the WEST pond stockpiles to Phase IIIB, as operational fill.					
CAMU Activity:						
- Day Shift - Water haul rds.						
- <u>Night Shift</u> - Continued placing material in	Phase IIIB. Operational fill.					
Embankment - Phase 1 embankment, compl - Phase 1 estimated cummulati - Phase II embankment , comp	ve embankment placed:					
	ase 1: LCRS Sump: Measurement taken: (N/A). Water Pumped: (N/A). Vadose: Measurement taken. (N/A). Water Pumped: (N/A). IL CLRS Sump: Measurement taken: (N/A). Water Pumped: (N/A). Vadose: N/A					
Inspections: CAMU: Weston	n monitored sump access. (N/A).					
Eastside: Perim	eter fence inspection, All secure. (N/A).					

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds)

Phase I		
Previous Daily Cummulative =	291,200	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =		су
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	<u>0</u>	су
To Date Phase I estimated cummulative waste placed =	291,200	су
Phase II		
Previous Daily Cummulative =	630,282	су
Operations layer placed (completed) for liner certification. = 37,188		су
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =		су
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load () trucks =		су
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =		су
To Date Phase II estimated cummulative waste placed =	630,282	су
Phase IIIA Previous Daily Cummulative =	135.324	
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	135,324	Cy
Operations layer placed (completed for liner cerification = 21,276)		су
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 cummulative waste placed =	135,324	су
Phase IIIB		
Previous Daily Cummulative =	9,918	cv
Operations layer placed: (231) loads @ 18cy/load (18) trucks)	4,158	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 IIIA estimated cummulative waste placed =	14,076	су

		Estimated Waste at Completion	
Cummulative Total To Date All Phases =	1,070,882 cy	(cy) 2,050,000	% Complete 52.2%

Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cummulative
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			
GCI	221.000	0	221.000
Geomembrane	221,000	0	221,000
Geocomposite Geotextile	221,000	0	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCL	340.535	0	340.535
Geomembrane	340.535	ő	340.535
Geocomposite	340,535	ŏ	340,535
Geotextile	50.000	ő	50.000
Geotextile	30,000	0	50,000
Phase IV			
GCL	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	0	Ó	0
Phase V			
GCL	0	0	0

Project No./Contract No.	Pro	ject Title / Loca				
6389	BRC Eastside Cor	nmon Areas	Soils Remediation	17-May-09	308	
Geomembrane	0	0	0			-
Geocomposite Geotextile	0	0 0	0 0			
North GCL	1,111,468	0	1,111,468			
Geomembrane Geocomposite	1,111,468 1,111,468	ő	1,111,468 1,111,468			
		-				
South GCL Geomembrane	177,000 177,000	0	177,000 177,000			
Geocomposite	0	0	0			
is Storage Area (complet	e)					
Geomembrane	12,000	0	12,000			
Cover						
GCL	0	0	0			
Geomembrane Geocomposite	0	0 0	0 <u>0</u>			
				Total Geosynthetics for CAMU Basic Scope (sf)	of Basic Scope	Total Geosynthetics fo CAMU Basic Scope +Option Scope
synthetic System Cummu	lative Total To Date All C	CAMU	2,655,843	4,151,232	64.0%	6,534,07
ription of Health & Safety Actions 1 ty <u>Topic</u> : side Day: No Work. IU Day: No Work. IU & Eastside Night Shift: Disc	ussed the proper use of PPE	-				
ription of Health & Safety Actions 1 <u>inty Topic</u> side Day: No Work. IU Day. No Work. IU & Eastside Night Shift: Disc NSTRUCTION QUALITY AS ription of Quality Control Actions Tr y CQA Summary	ussed the proper use of PPE	CONTROL Conducted				
ption of Health & Safley Actions 1 X Toble : diad Days No Work. U & Eastside Night Shift: Disc STRUCTION QUALITY At ption of Quality Control Actions Ti CQA Summary toroid waste placement of open IES AND/OR ITEMS OF D	ussed the proper use of PPE SURANCE & QUALITY (SURANCE / Quality Ampediations reational fill on the night shift. SCUSSION	CONTROL Conducted				
orgelion of Health & Safely Actions 7 eW Topic: tistle Day: No Work. MU Day: No Work. MU & Eastside Night Shift: Disc MU & Eastside Night Shift: Disc Multiple Control Actions To by COA Summary. Intered waste placement of ope	ussed the proper use of PPE SURANCE & QUALITY (SURANCE / Quality Ampediations reational fill on the night shift. SCUSSION	CONTROL Conducted				
ALTH & SAFETY (Internet Present Section 2014) (Internet Present Section 2014) (Internet Present Section 2014) MU & Eastside Night Shift Disc MU & Eastside Night Shift Disc (Internet Present Section 2014) (Internet Present Section 2014) Internet Vision 2014 (Internet Present Section 2014) (Internet Present Section 2014)	ussed the proper use of PPE SURANCE & QUALITY (SURANCE / Quality Ampediations reational fill on the night shift. SCUSSION	CONTROL Conducted				
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prior of Health & Safery Actions 7 V Toble aide Day, No Work. U & Eastside Night Shift: Disc U & Eastside Night Shift: Disc Straught of Quality Control Actions 7 (CQA Summary Croad Sustain Control Actions Cool Summary Croad Sustain Control Actions (Cool Summary) Croad Waste placement of ope Disc AND/OR ITEMS OF D Baster of Tasues / Concerns / Conve	ussed the proper use of PPE SURANCE & QUALITY (SURANCE / Quality Ampediations reational fill on the night shift. SCUSSION	CONTROL Conducted	Purpose of Visit			
term of Headm & Safey Actions 1 Yopic ide Day: No Work. Day: No Work. J a Eastside Night Shift: Disc STRUCTION QUALITY As and the state of the state of the state constraints of the state of the state date of Quality Corner Actions In <u>Cook Summary</u> ored waste placement of ope ES AND/OR ITEMS OF D sition of Issues / Concerns / Conve VISITORS	USSEd the proper use of PPE SSURANCE & QUALITY (Aleven Today / Quality Impections rational fill on the night shift. SCUSSION reasons / Topics	CONTROL Conducted	Purpose of Visit			
piper of Health & Safey Actions 1 Y Topic ide Day, No Work. U Day. To NorrA. U A Eastside Night Shift: Disc STRUCTION QUALITY AS piper of Quality Corner Actions In <u>COA Summary</u> . tored waste placement of ope <u>USES AND/OR ITEMS OF D</u> astern of Issues / Concerns / Conve EVISITORS	USSEd the proper use of PPE SSURANCE & QUALITY (Aleven Today / Quality Impections rational fill on the night shift. SCUSSION reasons / Topics	CONTROL Conducted	Purpose of Visit			
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totion of Health & Safety Actions 1 <u>Tropic</u> de Day: No Work. Day: No Work. J & Eaststide Night Shift: Disc <u>STRUCTION QUALITY As</u> <u>STRUCTION QUALITY AS</u> <u>STR</u>	USSEd the proper use of PPE SSURANCE & QUALITY (Aleven Today / Quality Impections rational fill on the night shift. SCUSSION reasons / Topics	CONTROL Conducted	Purpose of Visit			

Weather Table	
Sunny/Clear	6)
Sunny / Party Cloudly	ର
Cloudy / Partly Sunny	mp
Cloudy	<u>പ</u>
Overcast	m,
Light Rain	n₀
Rain	m
Thunderstorms	Ж
Snow	æ

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6389 0	BRC Eastside Common Areas Soils Remediation 0	17-May-09	308		

DAILY PHOTO LOG

Photo 1	Photo 2
3.5-Inch Width or 2.63-Inch Height	3.5-Inch Width or 2.63-Inch Height
No Pictures, Night Shift.	

Photo 3



Photo 4	
	3.5-Inch Width or 2.63-Inch Height