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

Basic Remediation C 875 West Warm Springs Road Henderson, Nevada 89011	Company				Basic Re	media	tion
	DAILY PRODUCTION	& QUALI	TY CONTR	OL REPO	RT	PAN	* .
	1				1		
Project No./Contract No.		roject Title / Loca			Day of Report	Repor	rt No.
6389	BRC Eastside Co	mmon Areas	Soils Remedia	ition	30-Dec-09	52	8
PROJECT POINTS OF C	ONTACT						
Position	Name		E-Mail Addr			ne No.	
BRC PROJECT MANAGER	Lee Farris		Rlandwellco.co	m	702-56	67-0400	
BRC PROJECT MANAGER CONST. PROJECT MANAGER	Ranajit Sahu Dan Brennecke	Sahuri Dan R	on@earthlink.ne	etoneolutione o		67-0400 60-5886	
Construction Manager	Richard Laubinger	Richa	rennecke@wes rd.Laubinger@v	vestonsolution		41-8660	
WEATHER CONDITIONS	Conditions			Wind	Add'l F		
AM Cloudy		/ Partly Sunny	Temp (F) Low 35	Wind	Add'l F Precip. (In/Dy.)	0	
Additional Weather Comments		7 Faity Sunny	High 52	NE 3mph	Humidity (%)	0)
ON-SITE WESTON PERS	ONNEL		×	k Performed			
Dick Laubinger	Construction Manager	Construction M	anagement Serv			Y/N Y	
Dick Laubinger Dan Brennecke	Project Manager. CM	Construction M	anagement Serv anagement Serv	ices.		N	
Richard Davis	Project Engineer	Construction M	anagement Serv	ices.		Y	
Chris White	Assist Const Mar	Construction M	anagement Serv	ices.		Y	
Kevin Cooke June Laubinger	Assist. Const. Mgr Admin Assistant	Construction M	anagement Serv anagement Serv	ices.		Y N	
Surie Laubiliger	Admin Assistant	Construction w	anagement derv	1065.		IN	
	-						
ON-SITE GEOSYNTEC P	ERSONNEL						
Name	Position		Trade / Wor	k Performed		Y/N	
Greg Corcoran	Design Engineer	Oversight				N	
Dan Street Jim Cox	QA Manager QA/QC Supervisor	Oversight				Y	
Jim Cox Rebecca Flynn		Oversight Oversight				N	
Stuart Irwin	Engineer QA/QC Tech	Oversight				N	
Camon Liddell	QA/QC Tech QA/QC Tech	Oversight				Y	
Graciano Malana	QA/QC Tech	Oversight				Ŷ	
ON-SITE SUPPORT PER	SONNEL						
Name	Position	1	Trade / Wor	k Performed		Y/N	
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring				N	
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring,				N	
							Ŀ
OVERSITE PERSONNEL	-						
Name	Position			k Performed		Y/N	
Bob Meyer, ASW	Inspector	Liner Inspector For NDEP				Y	
Devin Gordon, MGA	Oversight	TOTNDEP					
Brian Rakvica	Inspector	NDEP				N	
Steve Morrow, ASW	Inspector	Liner Inspector				N	
PBS&J, Survey	Surveyors	Survey				N	
ON-SITE CONTRACTOR	PERSONNEL						
Name	Company		Trade / Wor	k Performed		Y/N	
Erik Gehringer Jeremy Schissler	Entact Entact	Project Manag Acting Project	er Managor			Y	
Josh Carrol	Entact	Asst Project M	vlanager anager, Eastside	Manager		N Y	
Michael Carlson	Entact	Engineer				N	
loe Curilla Day	Entact	Health & Safe	y Officer			Y	
Timothy Stadt, Day Roger Wagner, Night	Entact Entact	Health and Sat Eastside, Supe	ety Officer rintendent			N	
Russell Karnes	Entact	CAMU, Superir	ntendent, Wester	n Hook.		N	-
Lance Bruce, Night	Entact	Health & Safe	y Officer			Y	
Terry Harper, Night Rick McIntire	Entact Entact	CAMU, Superii CSP, Health 8	Safety			Y	
John Frazier , Night	Entact	Health & Safe	y Officer			N	
Eli Blackburn	Entact	Asst Project M	anager			Y	
Scott Zattau, Day Jose Martinez, Night	Entact Entact	Health & Safet Health & Safet	/ Technician / Technician			Y	
Dawn Breedlove	Entact	Health & Safet Health & Safet	/ Technician			Ŷ	
	1					<u> </u>	
	Environmental Specialties, Inc.	Liner Crew, (1)	Supt, (10) Labor	ers/ Seamers, I	Jemobilized.	N	
	ABC Survey	Eastside/CAM	J/Western Hook			N	
						L	
ON-SITE EQUIPMENT	Vendor / Tag No.		Work Performed				
CAT D400E Dump Truck (10		CAMU					-
JD D400 Dump Trucks (10)	·	Eastside				-	-
CAT 224D long stick execut		Ensteide					P

Equipment	venuor / rug reo.			Hork Ferrorined			1	
CAT D400E Dump Truck (10)		CAMU			-	-	-	-
JD D400 Dump Trucks (10)		Eastsid	le			-	-	-
CAT 324D long stick excavator		Eastsid	e		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastsid				-	-	-
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	e					-
Water Trucks (5)		Eastsid	e					-
Case backhoe		CAMU						-
CAT 16H Grader		CAMU						-
CAT D8 Dozer		Eastsid	e					-
Water Trucks (4)		CAMU					1	-
CAT D-6 Dozer, (3)		CAMU				1	-	-
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						-
								-
						1	1	
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verification	
GCI	CETCO	0		For CAMU. On site	to date	Qty 2271	Spec	Tags
GCL Geocomposite	Agru	0	rolls	For CAMU, On site	1	2442		
Geomembrane	Agru			For CAMU, On site	+	558		
Geomembiane	Agru	0	rolls	FOI CAIVIO, ON SILE		558		

WORK COMPLETED

Eastside Mixing and Drying Activity:

SWeat State
 Day Shift:
 SWeat AP Ponds.
 SWeat AP Ponds.
 SWeat AP Ponds.
 SWeat State Ponds.
 Sweat Ponds.

DAILY PRODUCTION & QUALITY CONTROL REPORT					
Project No./Contract No.	Project Title / Location	Day of Report	Report No.		
6389	BRC Eastside Common Areas Soils Remediation	30-Dec-09	528		
Continued hauling material fr	om CTR-1 and Beta Ditch stockpiles.				
 Excavator scraped and loade 	acing material in Phase V. Illis, continued fining grading interim cover. d out dirty hauf mada exiting Phase 1V. ed opwer screening 1° and 6° minus material. all. lefe. e embankment placed:				
	Phase 1: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).				
I	Phase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).				
ſ	Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).				
Inspections: CAMU: N/A.	Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A).				
Eastside: Inspe	cted eastside perimeter fenceline, All secure.				

ure on wet ponds)

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of moistu	ır
Phase I		
Previous Daily Cumulative =	372,886 cy	1
Operations layer placed (completed) for liner certification. = 21,662	0 cy	1
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =	су	1
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =	cy	/
To Date Phase I estimated cumulative waste placed =	372,886 cy	/
Phase II	4 070 405	
Previous Daily Cumulative =	1,072,405 cy	
Operations layer placed (completed) for liner certification. = 37,188	cy	
Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks =	су	,
Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks =	cy	/
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =	cy	/
To Date Phase II estimated cumulative waste placed =	1,072,405 cy	1
Phase IIIA		
Previous Daily Cumulative =	222,174 cy	1
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		
Operations layer placed (completed for liner certification = 21,276)	cy	ŗ
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy	/
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy	
To Date Phase IIIA estimated cumulative waste placed =	222,174 cy	/
Phase IIIB		
Previous Daily Cumulative =	438,644 cy	l
Operations layer placed (completed) for liner certification. = 21,978	cy	l
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/ld (0) trucks =	cy	'
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy	1
To Date Phase IIIB estimated cumulative waste placed =	438,644 cy	/
Phase IV		
Previous Daily Cumulative =	360,095 cy	1
Operations layer placed (completed) for liner certification = 37,314	cy	l
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =	cy	1
Daily Night shift waste placed today: (383) loads @ 21cy/load (20) trucks =	8.043 Cy	1
To Date Phase IV estimated cumulative waste placed =	368,138 cy	/
Phase V		
Previous Daily Cumulative =	273,803 cy	/
Operations layer placed (completed) for liner certification = 40,284	cy	/
Daily Day shift waste placed from: Galleria/Eastside (48) loads @ 17 cy/load (4) trucks =	816 cy	1
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =	cy	
To Date Phase V estimated cumulative waste placed =	274,619 cy	/
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750 cy	,

Estimated Waste at Completion (cy) 2,900,000

% Complete 99.1%

Cumulative Total To Date All Phases = 2,872,616 cy Placed

Geosynthetics Placed	
Ocosvilliences i laced	
Phase I (complete)	

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	ō	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	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	0	12,390
Phase V			
GCL	558,653	0	558,653

0 0 0 0 0	558,653 558,653 15,925 1,111,468 1,111,468 1,111,468	30-Dec-09	528	-
0 0 0	558,653 15,925 1,111,468 1,111,468			Ξ
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0	1,111,468			
0	1,111,468			
0	1,111,468			
0	177.000			
0	177,000			
0	177,000			
0	12,000			
0	394.514			
ō	394,514			
0	397,000			
		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope
Phases	4,068,952	4,151,232	98.0%	6,534,07
		Phases 4,068,952	Total Geosynthetics for CAMU Baic Scope (sf) Phases 4,068,952 4,151,232	Total Geosynthetics for CAMU Basic Scope (sf) Phases 4,068,952 4,151,232 98.0%

CAMU Day: Discussed; Review				
light shift CAMU & Eastside: D	Discussed: Pre holiday traffic and last r	hight of the year stay focused.		
	ASSURANCE & QUALITY CON			
escription of Quality Control Action ally CQA Summary.	is Taken Today / Quality Inspections Conduc	cted		
	o the CAMU of Galleria material on the	a dav shift		
fonitored waste placement into	o the CAMU of eastside materials on the			
lonitored placement of interim	cover at the CAMU on the day shift.			
SSUES AND/OR ITEMS OF	FDISCUSSION			
Discussion of Issues / Concerns / Co	onversations / Topics			
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liscussion of Issues / Concerns / Co	onversations / Topics			
liscussion of Issues / Concerns / Co	orversations / Topics			
iscussion of Issues / Concerns / Co	orversations / Topics			
	orversations / Topics			
ITE VISITORS		Purpose of Visit		
	Organization	Purpose of Visit		
ITE VISITORS		Purpose of Visit		
ITE VISITORS		Purpose of Visit		
ITE VISITORS		Purpose of Visit		
ITE VISITORS		Purpose of Visit		
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TTE VISITORS		Purpose of Visit		
ITE VISITORS		Purpose of Visit		
TTE VISITORS		Purpose of Visit		
TTE VISITORS		Purpose of Visit		
SITE VISITORS		Purpose of Visit		

Report Prepared By / Title Richard Laubinger, Construction Manager Date Prepared 30-Dec-09

Signature

Weather Table //C

weather lable	
Sunny/Clear	9
Sunny / Party Cloudy	ର
Cloudy / Partly Sunny	mp
Cloudy	<u>A</u>
Overcast	m,
Light Rain	n₀
Rain	***
Thunderstorms	Ж
Snow	æ

of Basic Scope + Option Scope 62.3%

6,534,075

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DAILY PRODUCTION & QUALITY CONTROL REPORT	
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Project No./Contract No.	Project Title / Location		Report No.
6389	BRC Eastside Common Areas Soils Remediation	30-Dec-09	528
0	0	30-Dec-09	520

DAILY PHOTO LOG

Photo 1



CAMU: Phase V.

Photo 2



Photo 3



CAMU: Phase IV north slope.

Photo 4



Eastside: HP pond.