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

Basic Remediation C 175 West Warm Springs Road Ienderson, Nevada 89011	ompany	Basic	Remediatio
	DAILY PRODUCTION	& QUALITY CONTROL REPORT	
Project No./Contract No.	Pr	oject Title / Location Day of Rep	ort Report No.
6389		mmon Areas Soils Remediation 15-Jan-1	
PROJECT POINTS OF CO Position	Name	E-Mail Address	Phone No.
BRC PROJECT MANAGER	Lee Farris		2-567-0400
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net 70	2-567-0400
CONST. PROJECT MANAGER	Dan Brennecke Richard Laubinger		0-260-5886
WEATHER CONDITIONS			
	Conditions	Laws AG	d"I Readings
AM Sunny / Party Additional Weather Comments	/ Cloudy PM Sunny .	/ Party Cloudy Low 38 Preep, (ads) High 59 WNW 5mph Humidity (s)	0
DN-SITE WESTON PERS			
Name Dick Laubinger	Position Construction Manager	Trade / Work Performed Construction Management Services.	Y/N V
Dan Brennecke	Project Manager. CM	Construction Management Services.	Y N
Chris White	Assist. Const. Mgr	Construction Management Services.	Y
Cevin Cooke une Laubinger	Assist. Const. Mgr Admin Assistant	Construction Management Services. Construction Management Services.	Y
une Europhiger	, and the second	Considerent Management Cervices.	
	1		
N-SITE GEOSYNTEC P	ERSONNEL		
Name	Position	Trade / Work Performed	Y/N
Greg Corcoran	Design Engineer	Oversight	N
0an Street im Cox	QA Manager QA/QC Supervisor	Oversight Oversight	N
Rebecca Flynn	Engineer QA/QC Tech	Oversight	N
Camon Liddell Graciano Malana	QA/QC Tech QA/QC Tech	Oversight Oversight	Y
fictor Heredia	QA/QC Tech	Oversight	Y
ohn Duncan	QA/QC Tech	Oversight	Y
ON-SITE SUPPORT PER			
Name	Position	Trade / Work Performed	Y/N
Doug Herlocker, Tetra Tech Becky Dano, Tetra Tech	Air Monitoring Specialist Air Monitoring Specialist	Air Monitoring Air Monitoring,	N
ecky Dalio, Tetra Tech	Air Worntoning Specialist	Air Monitoring,	
VERSITE PERSONNEL			
Name	Position	Trade / Work Performed	Y/N
ob Meyer, ASW	Inspector	Liner Inspector,	Y
evin Gordon, MGA	Oversight	For NDEP	Y
rian Rakvica	Inspector	NDEP	N
teve Morrow, ASW	Inspector	Liner Inspector	N
BS&J, Survey	Surveyors	Survey	N
N-SITE CONTRACTOR	PERSONNEL	1	
Name	Company	Trade / Work Performed	Y/N
rik Gehringer	Entact	Project Manager	Y
i Blackburn osh Carrol	Entact Entact	Asst Project Manager Asst Project Manager Eastside Manager	Y
lichael Carlson	Entact	Asst Project Manager, Eastside Manager Engineer	Y
oe Curilla, Day	Entact	Health & Safety Officer	Y
mothy Stadt, Day oger Wagner, Night	Entact Entact	Health and Safety Officer Eastside, Superintendent	N
ussell Karnes	Entact	CAMU, Superintendent, Western Hook.	Y
ance Bruce, Night	Entact	Health & Safety Officer	Y
erry Harper, Night ick McIntire	Entact Entact	CAMU, Superintendent CSP, Health & Safety	Y
cott Zattau, Day	Entact	Health & Safety Officer	Y
ose Martinez, Night	Entact	Health & Safety Officer	Y
awn Breedlove	Entact	Health & Safety Technician	Y I
	Environmental Specialties, Inc. ABC Survey	Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized. Eastside/CAMU/Western Hook	Y
	hot aurey	Lastature CAMU/Western HOOK	N
N-SITE EQUIPMENT			
N-SITE EQUIPMENT	Vender / Ten Ne	Work Performed	

Equipment	Vendor / Tag No.			Work Performed		1		1
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastside	e			-	-	-
CAT 324D long stick excavator		Eastside	e		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastside	e			-		-
CAT 345 excavators, (8)		Eastside	e, CAM	U and Galleria		-	-	-
CAT 330 Excavator (1)		CAMU				-	-	-
CAT 365 Excavator (1)		CAMU				-	-	-
CAT D6 LGP Dozer (1)		Eastside	e					-
Water Trucks (5)		Eastside	е			1		-
Case backhoe		CAMU						-
CAT 16H Grader		CAMU						-
CAT D8 Dozer		Eastside	8					-
Water Trucks (4)		CAMU						-
CAT D-6 Dozer, (3)		CAMU				1		-
CAT 14H Grader		CAMU						-
Gradall, forklift		CAMU						-
JLG		CAMU						-
Smooth drum Rollers, (3)		CAMU						-
Tenent Street Sweeper		Eastside	e and C	CAMU		1		-
Komatsu Loader		CAMU a	and Eas	stside.				-
Chieftain 1400 Powerscreener		CAMU						-
								-
						1		
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose	to date	Otv Otv	/erificatio	n Taos
GCL	CETCO	0	rolls	For CAMU. On site	to date	2271	apec	Tays
Geocomposite	Agru	0	rolls	For CAMU, On site		2442		
Geomembrane	Agru	0		For CAMU. On site		558		
WORK COMPLETED		0	1000			000		

Eastside Mixing and Drying Activity:

Bay Shift:
 Bay Shift:
 HP, CTR and SW ponds, continued final scrape, loading and hauling to Beta dich stockpile.
 HP CTR and SW ponds, continued final scrape, loading and hauling to Beta dich stockpile.
 HP pond, loading OTR day trucks and hauling to CAMU, Phase V for placement.
 Galleria scrape, continued loading OTR day trucks from Parcel 7, hauling to CAMU, Phase V for placement.

- <u>Night Shift:</u> - Haulad material from Reta Ditch stocknikes

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Hauled material from Beta Dit	ch stockpiles.			
AMU Activity:				
Continued finish grading inter Continued crushing rock at 20 Graded waste in Phase IIIB, F	hase IV and Phase V. mposite on top of Phase II and Phase I.	hase IIIB.		
<u>Night Shift:</u> Placed material in Phase IV a	nd Phase V.			
mbankment Phase 1 embankment, compl Phase 1 estimated cumulative Phase II embankment , comp	embankment placed:			
ump/Vadose Monitoring: P	nase 1: LCRS Sump: Measurement taken: (N/A) Vadose: Measurement taken: (N/A)			
P	hase II: LCRS Sump: Measurement taken: (N/A Vadose: Measurement taken: (N/A			
P	nase IIIB: LCRS Sump: Measurement taken: (N/ Vadose: Measurement taken: (N/	 A) Water Pumped: (N/A). A) Water Pumped: (N/A). 		
P	hase V: LCRS Sump: Measurement taken: (N/ Vadose: Measurement taken: (N/			

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

hase I		
Previous Daily Cumulative =	372,886	су
Operations layer placed (completed) for liner certification. = 21,662	0	су
Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =		су
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		су
To Date Phase I estimated cumulative waste placed =	372,886	су
hase II	4 070 405	
Previous Daily Cumulative =	1,072,405	· *
Operations layer placed (completed) for liner certification. = 37,188		су
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 =		су
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =		су
To Date Phase II estimated cumulative waste placed =	1,072,405	cv
hase IIIA Previous Daily Cumulative =	222,174	cv
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		1
Operations layer placed (completed for liner certification = 21,276)		су
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		су
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		су
To Date Phase IIIA estimated cumulative waste placed =	222,174	су
hase IIIB		
Previous Daily Cumulative =	439,547	
Operations layer placed (completed) for liner certification. = 21,978		су
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/ld (0) trucks =		су
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		су
To Date Phase IIIB estimated cumulative waste placed =	439,547	cy
hase IV		
Previous Daily Cumulative =	430,046	
Operations layer placed (completed) for liner certification = 37,314		су
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		су
Daily Night shift waste placed today: (132) loads @ 21cy/load (15) trucks =	2,772	
To Date Phase IV estimated cumulative waste placed =	432,818	су
hase V		
Previous Daily Cumulative =	327,372	су
Operations layer placed (completed) for liner certification = 40,284		су
Daily Day shift waste placed from: Eastside and Galleria (121) loads @ 17 cy/load (8) trucks =	2,057	
Daily Night shift waste placed today: (247) loads @ 21cy/load (17) trucks =	5,187	
To Date Phase V estimated cumulative waste placed =	334,616	су
1/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123.750	cv

% Complete 103.4%

Estimated Waste at Completion (cy) 2,900,000 Cumulative Total To Date All Phases = 2,998,196 cy

Geosvnthetics Placed

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	ō	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	ō	0
Phase IIIA			
GCI	221.000	0	221.000
Geomembrane	221.000	ő	221,000
Geocomposite	221,000	ŏ	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 50.000	0	340,535 50.000
Geolexille	30,000	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

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Geomembrane Geocomposite Geotextile	558,653 558,653 15,925	0 0 0	558,653 558,653 15,925		
BMI North GCL Geomembrane Geocomposite	1,111,468 1,111,468 1,111,468	0 0 0	1,111,468 1,111,468 1,111,468		
BMI South GCL Geomembrane Geocomposite	177,000 177,000 177,000	0 0 0	177,000 177,000 177,000		

Debris Storage Area (complete)

	Geomembrane	12,000	0	12,000				
CAMU	Cover GCL Geomembrane Geocomposite	602,514 602,514 487,000	62,000	602,514 602,514 549,000				
					Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	% Complete of Basic Scope + Option Scope

		(sf)	Scope	+Option Scope	Scope
Geosynthetic System Cumulative Total To Date All CAMU Phases	4,276,952	4,151,232	103.0%	6,534,075	65.5%

	s Taken Today / Safety Inspections C	Conducted		 _
afety Topic:				
astside Day: Discussed: Report AMU Day: Discussed: Report a				
		nning red lights and the flaggers stop sign.		
igni anni CANO a Eastaide. Dia	scussed. Watching for people ru	inning red lights and the haggers stop sight.		
	ASSURANCE & QUALITY C			
	Taken Today / Quality Inspections C			
aily CQA Summary.	Taken Today / Quality Inspections Ci	onducied		
	the CAMU of eastside and Galle	aria material on the day shift		
	the CAMU of eastside material			
	im cover and perform density ter			
	nal grading of the final cover on			
Nonitored the installation of geo:	synthetics on Phase I and Phase	e II.		
SSUES AND/OR ITEMS OF	DISCUSSION			
iscussion of Issues / Concerns / Cor	wareations / Tonics			
scussion or issues / concerns / cor	iversations / ropics			
ITE VISITORS Name	Organization	Pursoes of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
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	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
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	Organization	Purpose of Visit		
ITE VISITORS Name	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
	Organization	Purpose of Visit		
Name				
		Purpose of Visit	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

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DAILY PHOTO LOG

Photo 1



Photo 2



CAMU: Phase I and Phase II, east slope. Geocomposite liner placement.

Photo 3



CAMU: Phase I and Phase II.

Photo 4



CAMU: Phase IIIA.