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

Basic Remediation C 875 West Warm Springs Road Henderson, Nevada 89011	ompany		Basic Re	nediation	
	DAILY PRODUCTION	& QUALITY CONTROL REPOR	сож RT	PANY	
Project No./Contract No.	P	roject Title / Location	Day of Report	Report No.	
6389		mmon Areas Soils Remediation			
0309	Dice Lastaide Co	ninon Areas Sons Kemediation	26-Aug-09	407	
PROJECT POINTS OF CO					
Position BRC PROJECT MANAGER	Name Lee Farris	E-Mail Address	Phor	e No. 7-0400	
BRC PROJECT MANAGER	Ranajit Sahu	lfarris@landwellco.com sahuron@earthlink.net			
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.c Richard.Laubinger@westonsolution	970-26	7-0400 0-5886	
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution	720-64	1-8660	
WEATHER CONDITIONS	Conditions	Temp (F) Wind	Add'i R	eadings	
AM Sunny/Clear	PM Sunny/	Clear Low 79	Precip. (In/Dy.)	0	
Additional Weather Comments		High 106 SW 3 mph	Humidity (%)	U	
ON-SITE WESTON PERS			1		
Name	Position	Trade / Work Performed		Y/N	
Dick Laubinger Dan Brennecke	Construction Manager Project Manager. CM	Construction Management Services. Construction Management Services.		Y	
Richard Davis	Project Engineer	Construction Management Services.		Y	
Chris White Kevin Cooke	Assist. Const. Mgr Assist. Const. Mgr	Construction Management Services. Construction Management Services.		Y	
lune Laubinger	Admin Assistant	Construction Management Services. Construction Management Services.		Y	
	+				
DN-SITE GEOSYNTEC P	ERSONNEL	1	1		
Name	Position	Trade / Work Performed		Y/N	
Greg Corcoran	Design Engineer	Oversight		N	
Dan Street lim Cox	QA Manager QA/QC Supervisor	Oversight Oversight		Y	
Rebecca Flynn	Engineer	Oversight		N	
Stuart Irwin	QA/QC Tech QA/QC Tech	Oversight		Y	
Roland Derosier Camon Liddell	QA/QC Tech QA/QC Tech	Oversight Oversight		Y	
(eith Schraitle	QA/QC Tech	Oversight		Y	
DN-SITE SUPPORT PER	SONNEL				
Name	Position	Trade / Work Performed		Y/N	
Doug Herlocker, Tetra Tech	Air Monitoring Specialist	Air Monitoring		N	
Becky Dano, Tetra Tech	Air Monitoring Specialist	Air Monitoring,		Y N	
lill Dale, Tetra Tech	Air Monitoring Specialist	Air Monitoring		N	
OVERSITE PERSONNEL					
Name	Position	Trade / Work Performed		Y/N	
lob Meyer, ASW Devin Gordon, MGA	Inspector Oversight	Liner Inspector, For NDEP		Y	
Dock Kim, ATC	Field Observation	For AIG		N	
Brian Rakvica Steve Morrow, ASW	Inspector Inspector	NDEP Liner Inspector		N	
BS&J, Survey	Surveyors	Survey		N	
Name	Company	Trade / Work Performed		Y/N	
name rik Gehringer	Company	Trade / Work Performed Project Manager		Y/N Y	
leremy Schissler	Entact	Acting Project Manager		Y	
losh Carrol	Entact	Asst Project Manager		Y	
/lichael Carlson loe Curilla, Day	Entact Entact	Engineer Health & Safety Officer		Y N	
imothy Stadt, Day	Entact	Health and Safety Officer	Y		
Roger Wagner, Night Russell Karnes	Entact Entact	Eastside, Superintendent CAMU, Superintendent, Western Hook.		Y	
Russell Karnes ance Bruce, Nights	Entact	Health & Safety Officer	Y		
erry Harper, Night	Entact	CAMU, Superintendent CSP, Health & Safety		Y	
Rick McIntire Iohn Frazier , Days	Entact Entact	CSP, Health & Safety Health & Safety Officer		Y	
li Blackburn	Entact	Asst Project Manager		Y	
Scott Zattau, Day	Entact	Health & Safety Technician		Y	
Jose Martinez, Night	Entact 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					
SINGHE EQUIPMENT					

Equipment	Vendor / Tag No.			Work Performed	-	-	1	-
CAT D400E Dump Truck (10)		CAMU			-	-	-	-
JD D400 Dump Trucks (10)		Eastsid	e			-	-	-
CAT 324D long stick excavator		Eastsid	e		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastside			-	-	-	
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						-
Water Trucks (3)		Eastsid	е					-
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,	Phase	1				-
Chieftain 1400 Powerscreener		CAMU						-
								-
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCL	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		
Geometribiane	ngiu	0	TOUS	I OF CANO, OF SILE	1	558		

WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:
 -PUE-4, pointinued loading and hauling material to the Beta Ditch stockpile.
 -PUE-4, PUE-4, continued loading and hauling material to the PuE agreeding out for drying.
 -SW-10, loading and stabuling floor, also continued exploratory tenching into all (4) berms. (3) of the (4) have continuous waste.
 -PUE-6, scraping road and berm, loading out and hauling to Beta Ditch stockpile.
 -DUE-6, scraping various wet ponds.
 -De dozer discing various wet ponds.

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Beta Ditch, powerscreening 1 Western Hook, continue loadii SW-12, pH: 6.	and 6° minus soils. ng out OTR trucks and hauling to the CAMU for placement.					
- Night Shift: - Hauled material from Beta Dite	ch, 1" minus operations layer material and PUE row stockpiles.					
CAMU Activity:						
<u>Daw Shit</u> <u>Phase V</u> , continued backfilling anchor trench. <u>Phase V</u> , Continued hackfilling anchor trench. <u>Phase V</u> , CSII line row continued installing geocomposite. <u>BMI South</u> , continue grading south side. <u>Storm daria system 60'</u> , stropped concrete forms at Headwall #3. <u>Phaced water material from Waters mode</u> , they have at <u>Material South</u> . <u>Formed and poursed concrete for Leachate pump control panel pads</u> . <u>Phase I, Phase I and Phase III. <u>Phase V</u>, continued planel 1th minus operations layer.</u>						
Embankment - Phase 1 embankment, comple - Phase 1 estimated cumulative - Phase II embankment , compl	embankment placed:					
Sump/Vadose Monitoring: Pl	hase 1: LCRS Sump: Measurement taken: (N/A) Water Pumped : (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).					
PI	hase II: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (NA) Water pumped: (N/A).					
PI	hase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A)					

ions: CAMU: N/A

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

Phase I	
Previous Daily Cumulative =	305,490
Operations layer placed (completed) for liner certification. = 21,662	0
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20	
cy/load (0 trucks) =	0
Daily Night shift placed today: (223) loads @ 18cy/load (19) trucks =	4,014
To Date Phase I estimated cumulative waste placed =	309,504
Phase II	871,498
Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 37,188	071,430
Operations layer placed (completed) for liner certification. = 57,100	
Daily Day shift waste placed today: From Western Hook (119) loads @ 18 cy/load (10) trucks =	2,142
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	
Daily Night shift placed today: (24) loads @ 18cy/load (4) trucks =	432
To Date Phase II estimated cumulative waste placed =	874,072
Phase IIIA	
Previous Daily Cumulative =	222,174
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	
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 =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase IIIA estimated cumulative waste placed =	222,174
Phase IIIB	
Previous Daily Cumulative =	176,328
Operations layer placed (completed) for liner certification. = 21,978	
Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase IIIB estimated cumulative waste placed =	176,328
Phase IV	
Previous Daily Cumulative =	70,038
Operations layer placed (completed) for liner certification = 37,314	
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (124) loads @ 18cy/load (17) trucks =	
To Date Phase IV estimated cumulative waste placed =	70,038
Phase V	
Previous Daily Cumulative =	2,286
Operations layer placed: (123) loads @ 18cy/load (16) trucks =	2,214
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase V estimated cumulative waste placed =	4,500

		Cun	nulative Total To Date All Phases =	1,656,616 cy
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	0	498,468	
Geocomposite	520,592	0	520,592	
Geotextile	0	0	0	
Phase IIIA				
GCI	221.000	0	221.000	
Geomembrane	221.000	ő	221,000	
Geocomposite	221.000	ō	221.000	
Geotextile	20,000	0	20,000	
Phase IIIB				
Phase IIIB GCI	340.535	0	340.535	
Geomembrane	340,535	0	340,535	
Geocomposite	340,535	0	340,535	
Geotextile	50.000	ő	50.000	
	00,000	0	66,666	
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	

30,000 30,000 80,000 0

420,000 420,000 80,000 0

450,000 450,000 160,000 0

GCL Geomembrane Geocomposite Geotextile Estimated Waste Completion (cy) 2,050,000

% Complete 80.8%

DAILY	PRODUCTION 8	QUALI	TY CONTROL RE	PORT	
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3MI North					
GCL	1,111,468	0	1,111,468		
Geomembrane Geocomposite	1,111,468 1,111,468	0	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	0 0	0 0 0	0 0 <u>0</u>				
				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
Geosynthetic System Cumulative Tota	To Date All Ca	AMU Phases	3,565,785	4,151,232	85.9%	6,534,075	54.6%

Safety

Signature

Geosynthetic System Cumulative Total To Date All CAMU Phases	3,565,785	4,151,232	85.9%	

HEALTH	&	S/	١F	E	TΥ
Description	of	Hea	kЬ	R	Safe

Discription of Hearts & avery Safety Topic CAMU Day: Discussed: Medical emergency procedures. CAMU Day: Discussed: Medical emergency procedures. Night shift CAMU & Eastaide: Discussed: Track rollover incident during the day shift. Safety incident: A trailer hauling from the western hook rolled over while dumping its load inside Phase II in the CAMU. No injuries.

	Y ASSURANCE & QUALITY to Taken Today / Quality Inspection		
	is Taken Today / Quality Inspections	Conducted	
Daily COA Summary			
	he CAMU of eastside material (he CAMU of eastside material (
Monitor the installation of geos		n ne ngni sniic	
	ational fill in Phase V on the nig	ht shift.	
Monitor the installation of open	ational fill in Phase V on the day	shift.	
Monitor waste slope grading at			
Monitor construction of storm of	frain Headwall #3.		
ISSUES AND/OR ITEMS O	F DISCUSSION		
	onversations / Topics		
		e continuous (3) of the (4) berms. AMU, Phase II while dumping its load on the (day shift. No injuries
			day shift. No injuries
	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries
ncident: A Western hook haul			day shift. No injuries
ncident: A Western hook haul	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries
Incident: A Western hook haul	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries
Incident: A Western hook haul	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries
Incident: A Western hook haul	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries
Incident: A Western hook haul	truck trailer rolled over inside C	AMU, Phase II while dumping its load on the r	day shift. No injuries

Report Pr red By / Title Richard Laubinger, Construction Manager Date Pre 26-Aug-09

Weather Table	
Sunny/Clear	

Sunny / Party Cloudy	δ
Cloudy / Partly Sunny	mp
Cloudy	<u>ط</u>
Overcast	M,
Light Rain	Ŋ₀
Rain	***
Thunderstorms	Ж
Snow	&

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0	0		407

DAILY PHOTO LOG

Photo 1



CAMU: Phase V. Operations layer.

Photo 2



Photo 3



Eastside: Southern Rib, Fence.

Photo 4



Eastside: SW-10.