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



lenderson, Nevada 89011						Bas	ic Re	media	tion	
DA		1 & QI	JALII	Y CONTROL	REPO	RT				
Project No./Contract No.	Project Title / Location Day of Re					Report	Repor	rt No.		
6389	BRC Eastside C	ommon	Areas \$	Soils Remediation		19-Ma	ay-09	31	0	
	L									
PROJECT POINTS OF CON Position	Name		1	E-Mail Address			Pho	ne No.		
BRC PROJECT MANAGER	Lee Farris			landwellco.com		702-567-0400				
BRC PROJECT MANAGER CONST. PROJECT MANAGER	Ranajit Sahu Dan Brennecke		Dan.Br	n@earthlink.net ennecke@westonso	lutions.c		970-2	67-0400 60-5886		
Construction Manager	Richard Laubinger		Richard	d.Laubinger@westor	solution		720-6	41-8660		
WEATHER CONDITIONS	Conditions			Temp (F) V	/ind		Add'l R	teadings		
AM Sunny/Clear	PM Sunn	y/Clear		Low 79 High 98 SSW	19	Precip. Humidit	(In/Dy.)	1:		
Additional Weather Comments				nign 98 55W	19	numidit	y (%)		2	
Wind was 17mph to 24mph a	ill day.									
ON-SITE WESTON PERSO	NNEL									
Name	Position			Trade / Work Perfor	med			Y/N		
Dick Laubinger Dan Brennecke	Construction Manager Project Manager. CM	Constru	uction Ma	anagement Services. anagement Services.				N N		
Richard Davis Chris White	Project Engineer Assist. Const. Mgr	Constru	uction Ma	anagement Services. anagement Services.				Y Y		
Wayne Hodgson Kevin Cooke	Assist. Const. Mgr Assist. Const. Mgr	Constru	uction Ma	anagement Services. anagement Services.				Y Y		
June Laubinger	Admin Assistant			anagement Services.				N		
		1								
		+								
ON-SITE GEOSYNTEC PER						_				
Name	Position			Trade / Work Perfor	med			Y/N		
Greg Corcoran Dan Street	Design Engineer QA Manager	Oversig	ght					N Y		
Jim Cox Robecca Flynn	QA/QC Supervisor Engineer	Oversig	ght, Site	Visit.				N N		
Sam Campbell-Nelson Roland Derosier	QA/QC Tech QA/QC Tech	Oversig	ght					Y		
Camon Liddell	QA/QC Tech QA/QC Tech QA/QC Tech	Oversig	ght					Y		
Victor Heredia Stuart Irwin	QA/QC Tech	Oversig Oversi				_		Y Y		
ON-SITE SUPPORT PERSO Name	Position			Trade / Work Perfor	med			Y/N		
Doug Herlocker, Tetra Tech	Air Monitoring Specialist		nitoring					N		
Becky Dano, Tetra Tech Jerry Faucheux, Tetra Tech	Air Monitoring Specialist Air Monitoring Specialist	Air Mor Air Mor	nitoring, nitoring					Y N		
		1								
		_								
OVERSITE PERSONNEL	Position			Trade / Work Perfor				Y/N		
Bob Meyer, ASW	Inspector		nspector,	Trade / Work Periol	mea			Y		
Devin Gordon, MGA Dock Kim, ATC	Oversight Field Observation	For ND For AIC						Y Y		
Brian Rakvica Steve Morrow, ASW	Inspector Inspector	NDEP	nspector					N N		
PBS&J, Survey	Surveyors	Survey						N		
ON-SITE CONTRACTOR PE	ERSONNEL									
Name Erik Geringer	Company Entact		Manage		med			Y/N Y		
Jeremy Schissler Josh Carrol	Entact Entact		Project Ma					Y Y		
Michael Carlson Joe Curilla, Day	Entact Entact	Engine Health	er & Safet	y Officer				Y Y		
Timothy Stadt, Day Roger Wagner, Night	Entact Entact	Health	and Safe	ety Officer rintendent				Y Y		
Ed Long, Day Lance Bruce, Nights	Entact Entact	CAMU,	Superin & Safet	tendent				Y		
Terry Harper, Night	Entact	CAMU,	, Superin	tendent				Y		
Rick McIntire John Frazier , Nights	Entact	Health	Health & & & Safet	y Officer				N Y		
Eli Blackburn Scott Zattau, Day	Entact Entact	Health		Technician				Y Y		
Jose Martinez, Night Carol McKenzie, Night/Day	Entact Entact	Health	& Safet					Y Y		
Dawn Breedlove, Night	Entact			Technician				Y		
Russell Karnes	Entact	Superi	ntender*	, Additional Tasks, Sou	thern Rib	, etc.		Y		
	Environmental Specialties, In ABC Survey	c. Liner C		Supt, 9 Laborers/ Sea		, 010.		Y		
	5 66110y					_	_	IN		
ON-SITE EQUIPMENT		ġ.				_				
-	Vendor / Tag No.	CAMU		Work Performed		-	-	-	-	
Equipment CAT D400E Dump Truck (10)					-		-	-	•	
CAT D400E Dump Truck (10) JD D400 Dump Trucks (10)		Eastsic					-	-		
CAT D400E Dump Truck (10) JD D400 Dump Trucks (10) CAT 324D long stick excavator CAT D8R Dozer with disc, (1)		Eastsic Eastsic Eastsic	ie ie	AMU, Southern Rih		-	-	-	•	
CAT D400E Dump Truck (10) JD D400 Dump Trucks (10) CAT 324D long stick excavator CAT D8R Dozer with disc, (1) CAT 345 excavators, (8) CAT 330 Excavator (1)		Eastsic Eastsic Eastsic Eastsic CAMU	ie ie	AMU, Southern Rib		-	-	-	-	
CAT D400E Dump Truck (10) ID D400 Dump Trucks (10) CAT 324D long stick excavator CAT 345 excavators, (8) CAT 345 excavators, (8) CAT 330 Excavator (1) CAD 30 Excavator, (1) CAT D6 LGP Dozer (1)		Eastsic Eastsic Eastsic CAMU CAMU Eastsic	ie ie and C ie and C	AMU, Southern Rib		-	-	-	•	
CAT D400E Dump Truck (10) JD D400 Dump Trucks (10) CAT 324D long stick excavator CAT 364 Dozer with disc, (1) CAT 345 excavators, (8) CAT 364 excavators, (1) CAT 364 Excavator, (1) CAT 064 LGP Dozer (1) Water Trucks (3) Case backhoe		Eastsic Eastsic Eastsic CAMU CAMU Eastsic Eastsic CAMU	ie ie and C ie and C	AMU, Southern Rib		-	-		-	
CAT D400E Dump Truck (10) ID D400 Dump Trucks (10) CAT 32AD long stick excavator CAT D8R Dozer with disc, (1) CAT 345 excavators, (8) CAT 345 excavators, (1) CAT 06 LGP Dozer (1) CAT D6 LGP Dozer (1) Water Trucks (3) Case backhoe CAT 04 Horader CAT 04 Horader CAT 04 Dozer		Eastsic Eastsic Eastsic CAMU CAMU Eastsic Eastsic CAMU CAMU CAMU	ie ie and C ie and C	AMU, Southern Rib		-	-		•	
AT D400E Dump Trucks (10) ID D400 Dump Trucks (10) DAT 324D long stick excavator AT D8R Dozer with disc, (1) AT 345 excavators, (8) AT 345 excavators, (1) Gobeloc Excavator, (1) Cobeloc Dscavator, (1) Vater Trucks (3) Zase backhoe AT 16H Grader AT 16H Grader AT 16H Grader Atter Trucks (4)		Eastsic Eastsic Eastsic CAMU CAMU Eastsic Eastsic CAMU CAMU CAMU	ie ie and C ie and C	AMU, Southern Rib		-	-		•	
AT FORDE Dump Truck (10) ID M60 Dump Trucks (10) DAT 324[D long sick excavator AT DRF Dozer with disk. (1) AT 34 dis exavator (1) doelno E Azavator (1) Goelno E Azavator (1) AT 35 Le GP Dozer (1) Water Trucks (3) Zate bacholo CAT 16H Grader CAT 16H Grader CAT 16H Obzer (4) XH Te Dozer (4) XH Te Dozer (3) XH Te Hozer (4)		Eastsic Eastsic Eastsic Eastsic CAMU Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU	ie ie and C ie and C	AMU, Southern Rib		-	-	-	- - - - - - -	
CAT DADE Dump Truck (10) ID DADO Dump Trucks (10) ID DADO Dump Trucks (10) CAT 3240 long stdx excervator CAT DRF Dozer with das. (1) CAT 34 de accavator (1) CAT 34 de accavator (1) CAT 35 de Caravator (1) CAT 35 de Caravator (1) CAT 05 de Caravator (1) CAT 05 de Caravator (1) Care bachole CAT 10-H Grader CAT 10-H Carder CAT 10-H Carder CAT 10-H Carder CAT 10-H Carder CAT 14-H Grader CAT 14-H Grader CAT 14-H Grader Card Caravator (1) Card Caravator (1) Card Caravator (1) CAT 10-H Caravator (1) CAT 10-H Carder Card Caravator (1) CAT 10-H Carder Card Caravator (1) CAT 10-H Carder Card Caravator (1) CAT 10-H Carder Card Caravator (1) Caravator (		Eastsic Eastsic Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	ie ie and C ie and C	AMU, Southern Rib		-	-		- - - - - - - - - - - - -	
CAT D400E Dump Truck (10) D5 M60 Dump Trucks (10) CAT 3240 Iong stok excervator CAT 3240 Long stok excervator CAT 345 excervator (1) CAT 345 excervator (1) CAT 35 Excervator (1) CAT 35 Excervator (1) CAT 05 Excervator (1) CAT 05 Excervator (1) CAT 05 Excervator (1) CAT 05 Excervator (1) Cate bachole CAT 10-10 Dozer Water Trucks (3) CAT 10-10 Dozer CAT 10-10 Doze		Eastsic Eastsic Eastsic Eastsic CAMU Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	de and C de and C de and C de and C	AMU		-	-		- - - - - - - - - - - - -	
CAT D400E Dump Truck (10) JD D400 Dump Truck (10) JD D400 Dump Truck (10) JD D400 Dump Truck (10) CAT 324D long side exceeded CAT 324D Long side exceeded CAT 335 exceeded (1) CAT 345 exceeded (1) CAT 345 exceeded (1) CAT 35 exceeded (1) CAT 35 exceeded (1) CAT 35 exceeded (1) CAT 04 Cat 20 exceede		Eastsic Eastsic Eastsic Eastsic CAMU Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	de de and C de de de de and C	AMU		-			- - - - - - - - - - - - -	
CAT D400E Dump Truck (10) JD D400 Dump Truck (10) JD D400 Dump Truck (10) JD D400 Dump Truck (10) CAT 324D long side exceeded CAT 324D Long side exceeded CAT 335 exceeded (1) CAT 345 exceeded (1) CAT 345 exceeded (1) CAT 35 exceeded (1) CAT 35 exceeded (1) CAT 35 exceeded (1) CAT 04 Cat 20 exceede		Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	de de and C de de de de and C	AMU					- - - - - - - - - - - - -	
CAT D400E Dump Truck (10) ID D400 Dump Trucks (10) CAT 3240 Dozer win dsc. (10) CAT 3345 excavator (10) CAT 345 excavator (10) CAT 345 excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (12) CAT 354 Excavator		Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	de de and C de de de de and C	AMU			-		- - - - - - - - - - - - -	
CAT 0400E Dump Truck (10) D 1040 Dump Trucks (10) CAT 3240 Jong stot excavator CAT 3240 Jong stot excavator CAT 345 excavator (10) CAT 345 excavator (11) CAT 345 excavator (12) CAT 144 Grader CAT 1441 Grader CAT 1441 Grader CAT 1441 Grader CAT 1441 Grader CAT 1441 Grader CAT 1441 Grader Chieflain 1400 Powerscreener Chieflain 1400 Powerscreener		Eastsic Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	de de and C de de de and C , Phase '	AMU						
CAT D400E Dump Truck (10) ID D400 Dump Trucks (10) CAT 3240 Dozer win dsc. (10) CAT 3345 excavator (10) CAT 345 excavator (10) CAT 345 excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (11) CAT 354 Excavator (12) CAT 354 Excavator	SITE DELIVERY / REMOVAL) Vendor CETCO Agru	Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic Eastsic CAMU CAMU CAMU CAMU CAMU CAMU CAMU CAMU	ie je and C ie and C ie and C ie je and C je and C Phase je and C Phase je and C Phase je and C	AMU		- -				

DA	NILY PRODUCTION & QUALITY CONTROL REPO	ORT	
Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-May-09	310
Description of Work Executed Today	/		
Eastside Mixing and Drying A	Activity:		
<ul> <li>Tracked and disced wet mate</li> <li>Southern Rib, Scrape and sto</li> <li>Western Hook, continued clear</li> </ul>	he southern ribs area to the CAMU. Ital from SW-7. spread out in dry ponds. Kopile. Presoa & with water truck. wing and grubbing tamarisk and brush in ditch area. cavation, loading out and hauling to beta ditch staging area.		
Night Shift: Hauled material from CTR-2/3	ponds and 1* minus material from the Beta Ditch Stockpile.		
CAMU Activity:			
Continued backfill in approved ESI liner crew performed QC	testing and repairs on BMI South Landfill. and 6* minus in north berm stockpile along the clean haul road.	auled to Phase II.	
Night Shift Continued placing 6" minus op	perations material in Phase IIIB		
Embankment Phase 1 embankment, comple Phase 1 estimated cummulati Phase II embankment , compl	ve embankment placed:		
Sump/Vadose Monitoring: Ph	ase 1: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A)		
I	Phase II: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water pumped: (NA)		
nspections: CAMU: Weston r	nonitored sump access.		
Eastside: Perir	neter fence inspection, All secure.		

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 cy
Operations layer placed (completed) for liner certification. = 21,662	0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20 cy/load (0 trucks) =	) O cy
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	<u>о</u> су
To Date Phase I estimated cummulative waste placed =	291,200 cy
Phase II	
Previous Daily Cummulative =	631,812 cy
Operations layer placed (completed) for liner certification. = 37,188	су
Deile Deutekikuusek elesed keden. Dessel (Dikkhaud: Deine (O) lesde @ 40 eulleed (O) kende	
Daily Day shift waste placed today: Parcel 4B/Mohawk Drive. (0) loads @ 18 cy/load (0) trucks =	cy
Daily Day shift waste placed today: Slit Trenches, (119) loads @ 18cy/load (5) trucks =	2,142 cy
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	су
To Date Phase II estimated cummulative waste placed =	633,954 cy
Phase IIIA	
Previous Daily Cummulative =	135,324 cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	100,024 09
	cy
Operations layer placed (completed for liner cerification = 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 =	cy
To Date Phase IIIA estimated cummulative waste placed =	135,324 cy
Phase IIIB	
Previous Daily Cummulative =	9,918 cy
· ··· · <b>,</b> · · · · · ·	
Operations layer placed: (142) loads @ 18cy/load (19) trucks)	2,556 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 =	12,474 cy

		Estimated Waste at Completion	
Cummulative Total To Date All Phases =	1,072,952 cy	(cy) 2,050,000	% Complete 52.3%

#### 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			
	004 000		001.000
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			
GCI	340.535	0	340.535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50.000	0	50.000
Geolexille	30,000	0	30,000
Phase IV			
GCI	0	0	0
Geomembrane	0	0	0
Geocomposite	0	0	0
Geotextile	õ	ō	ō
Phase V			
GCL	0	0	0

6389 BR(	C Easiside Comin	non Areas	Soils Remediation			
Geomembrane				19-May-09	310	
Geocomposite	0 0	0 0	0			-
Geotextile	ő	õ	0			
h Sl	1,111,468	0	1,111,468			
GCL Geomembrane Geocomposite	1,111,468 1,111,468 1,111,468	0	1,111,468 1,111,468			
	1,111,100	U	1,111,100			
<b>ith</b> GCL Seomembrane	177,000 177,000	0	177,000 177,000			
Geocomposite	0	75,000	75,000			
Storage Area (complete)						
0	12.000	0	12,000			
Geomembrane	12,000	0	12,000			
AU Cover GCL	0	0	0			
Geomembrane	0	0	0			
Geocomposite	0	0	<u>0</u>			
				Total Geosynthetics for	% Complete of Basic	Total Geosynthetics fo CAMU Basic Scope
				CAMU Basic Scope (sf)	Scope	+Option Scope
hetic System Cummulative Tota	al To Date All CA	MU	2,655,843	4,151,232	64.0%	6,534,075
.,		-	,,	,		0,000,010
TH & SAFETY tion of Health & Safety Actions Taken Today /	Safety Inspections Cr	onducted				
ety Topic:						
stside Day: Discussed behavior based healt MU Day: Discussed behavior based health	and safety.					
ht shift CAMU & Eastside: Discussed the jo	b task review.					
STRUCTION QUALITY ASSURANCE	E & QUALITY CC	NTROL				
ption of Quality Control Actions Taken Today / CQA Summary.	Quality Inspections Co	inducted				
tored backfill activities in Phase IV. tored waste placement of slit trench mater	rials in Phase II dur	ing the day s	hift.			
ored the installation of geosynthetics at th	he BMI South Land	fill repairs an	d QC.			
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Weather	Table

Weather Table	
Sunny/Clear	6)
Sunny / Party Cloudly	ର
Cloudy / Partly Sunny	m
Cloudy	<u>n</u>
Overcast	m.
Light Rain	Y₀
Rain	<b>m</b>
Thunderstorms	χ
Snow	Æ

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

## **DAILY PRODUCTION & QUALITY CONTROL REPORT**

Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	19-Mav-09	310
0	0	19-1viay-09	310

### DAILY PHOTO LOG

Photo 1



CAMU: The hard yellow material in Slit Trench SW-1

Photo 2



CAMU: Backfill on the west side of Slit Trench SW-1.

Photo 3



Eastside: PUA-9 load-out

Photo 4



Eastside: East wall of North Beta Ditch.