## Basic Remediation Company 875 West Warm Springs Road

Basic Remediation Co 875 West Warm Springs Road Henderson, Nevada 89011	mpany					Bas	sic Re	media	ition
D	AILY PRODUCTION	& QI	JALI	TY CONTR	OL REPO	RT			
Project No./Contract No.	P	roject Tit	le / Locat	ion		Day of	Report	Repo	rt No.
6389	BRC Eastside Co	mmon	Areas	Soils Remedia	ition	13-J	ul-09	36	33
PROJECT POINTS OF COM	TACT					1			
Position	Name			E-Mail Addr	ess			ne No.	
BRC PROJECT MANAGER BRC PROJECT MANAGER	Lee Farris Ranajit Sahu		Ifarris(	andwellco.co m@earthlink.ni	<u>m</u> at		702-56	67-0400 67-0400	
CONST. PROJECT MANAGER Construction Manager	Dan Brennecke			rennecke@wes			970-26	-260-5886 -641-8660	
WEATHER CONDITIONS	Richard Laubinger		Richal	d.Laubinger@v	vestonsolution	1	720-64	11-8660	
	Conditions			Temp (F)	Wind	Precip.		teadings C	)
AM Sunny/Clear Additional Weather Comments	PM Sunny	/ Party C	Cloudy	High 106	SW 17 mpł	Humidi		C	)
ON-SITE WESTON PERSO		T							
Name	Position	L			k Performed			Y/N	
Dick Laubinger Dan Brennecke	Construction Manager Project Manager. CM			anagement Serv				Y	<u> </u>
Richard Davis	Project Manager. CM Project Engineer	Constr	uction M	anagement Serv anagement Serv	ices.			Y	+
Chris White	Assist. Const. Mgr	Constru	uction M	anagement Serv	ices.			Ŷ	
Kevin Cooke	Assist. Const. Mgr	Constr	uction M	anagement Serv	ices.			Y	-
June Laubinger	Admin Assistant	Constr	uction M	anagement Serv	web.			Y	
	t	1							1
	L								
	<u> </u>								L
ON-SITE GEOSYNTEC PER		r		_					
Name Grog Corcorop	Position Design Engineer	Oversi	abt	Trade / Wor	k Performed			Y/N	<u> </u>
Greg Corcoran Dan Street		Oversig						N Y	
Jim Cox	QA Manager QA/QC Supervisor	Oversi						N	
Rebecca Flynn	Engineer	Oversi	ght					N	
Stuart Irwin	QA/QC Tech	Oversi	ght					Y	
Meghan Lithgow Camon Liddell	QA/QC Tech QA/QC Tech	Oversight Oversight					Y		
Victor Heredia	QA/QC Tech	Oversight				Ý	1		
Keith Schraitle ON-SITE SUPPORT PERSO	QA/QC Tech	Oversight				Y	1		
ON-SITE SUPPORT PERSO Name	Position	1		T 1- (19/	k Performed	-	-	Y/N	r
Name Doug Herlocker, Tetra Tech		Ain Man	nitoring	Trade / Wor	k Performed			Y/N N	
Becky Dano, Tetra Tech	Air Monitoring Specialist Air Monitoring Specialist		nitoring,					Y	
Jill Dale, Tetra Tech	Air Monitoring Specialist	Air Mor						N	
OVERSITE PERSONNEL Name	Position	1		Trade / Wor	k Performed			Y/N	1
Bob Meyer, ASW	Inspector	Liner Ir	spector					Y	
Devin Gordon, MGA	Oversight	For ND	EP					Y	
Dock Kim, ATC	Field Observation	For AIC	3					Y	
Brian Rakvica Steve Morrow, ASW	Inspector Inspector	NDEP Liner Inspector			N				
PBS&J, Survey	Surveyors	Survey	,					N	
ON-SITE CONTRACTOR P Name	Company	1		Trade / Wor	k Performed			Y/N	
Erik Gehringer	Entact	Project	Manage		enenned			Y/N Y	
Jeremy Schissler	Entact	Acting	Project I	Manager				Y	
Josh Carrol	Entact		oject Ma	anager				Y	
Michael Carlson Joe Curilla, Day	Entact Entact	Engine Health	er & Safet	y Officer				Y	<u> </u>
Timothy Stadt, Day	Entact	Health	and Saf	ety Officer				Y	ļ
Roger Wagner, Night Russell Karnes	Entact Entact	Eastsic	le, Supe	rintendent itendent, Wester	n Hook			Y	ļ
Russell Karnes Lance Bruce, Nights	Entact Entact			tendent, Wester y Officer	II HOUK.			Y	<u> </u>
Terry Harper, Night	Entact	CAMU,	Superir	itendent				Ŷ	
Rick McIntire John Frazier , Days	Entact Entact	CAMU, Superintendent CSP, Health & Safety Health & Safety Officer			N				
Eli Blackburn	Entact		oject Ma					Y N	<u> </u>
Scott Zattau, Day	Entact	Health	& Safety	Technician				Y	
Jose Martinez, Night Dawn Breedlove, Night	Entact Entact	Health	& Safet & Safet	y Technician y Technician				Y	-
									<u> </u>
	Environmental Specialties, Inc.	Liner C	rew, (1)	Supt, 9 Laborer	s/ Seamers	_	_	Y	ļ
	ABC Survey	⊨astsic	le/CAMI	ι,				N	-
ON-SITE EQUIPMENT									
Equipment	Vendor / Tag No.	1		Work Performed					
Equipment CAT D400E Dump Truck (10)	vendor / Tág Nó.	CAMU		work Performed					
JD D400 Dump Trucks (10)		Eastsic	le			+	-		1
CAT 324D long stick excavator		Eastsic				-	-	-	-
CAT D8R Dozer with disc, (1) CAT 345 excavators, (8)		Eastsic		AMU, Western H	look		-	-	
CAT 345 excavators, (8) CAT 330 Excavator (1)		CAMU				1	1		-
CAT 365 Excavator (1)		CAMU					-	-	-
CAT D6 LGP Dozer (1) Water Trucks (3)		Eastsic	le le			-			-
Case backhoe		CAMU	~			t	<u> </u>		1
CAT 16H Grader		CAMU							-
CAT D8 Dozer Water Trucks (4)		Eastsic	le						
CAT D C Deser (2)		GANU				-			

MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)					
1						
						-
Chieftain 1400 Powerscreener		CAMU				-
Komatsu Loader		CAMU, Phase	1			-
Tenent Street Sweeper		Eastside and CAMU				-
Smooth drum Rollers, (3)		CAMU			1	-
JLG		CAMU				-
Gradall, forklift		CAMU				-
CAT 14H Grader		CAMU			1	-
CAT D-6 Dozer, (3)		CAMU				-
Water Trucks (4)		CAMU				-
CAT D8 Dozer		Eastside				-

 
 Today
 UOM
 Purpose

 0
 rolls
 For CAMU, On site

 0
 rolls
 For CAMU, On site

 0
 rolls
 For CAMU, On site

 0
 rolls
 For CAMU, On site
 Delivery Verification to date Qty Spec Tage 2271 2442 558 Ver CETCO GCL Geo Agru Agru WORK COMPLETED

### Eastside Mixing and Drying Activity:

Section mining and or transportation
 Section mining and an analysis of the section material to CTR ponds to dy. Dry material to Beta ditch stockpile.
 PUF 3 pond, exercising and loaded out, hauled to Beta ditch stockpile.
 PUE 6 pond. continued stockpile material for loadout.
 Section material and or transport material for backpile.
 Section material and an analysis of the section material for backpile.
 Section material for

Project No. Econnect No.         Project Tills / Location         Day of Report No.           6389         BRC Eastside Common Areas Soils Remediation         13-Jul-09         363           • Main Shift:         • Hauder material from Beta Ditch stockpile.         • Hauder material from Stockpile.         • Hauder frammer frames Stockpile.         • Hauder frammer frames Stockpile.         • Hauder frammer frame Stockpile.         • Hauder frammer frame Stockpile.         • Hauder frammer frame Stockpile.         • Hauder frame Stockpile.         • Hauder frame Stockpile.         • Hauder frame Stockpile.         • Hauder framer Stockpile.         •	DAILY PRODUCTION & QUALITY CONTROL REPORT						
International and the second	Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
- Faule material from Beta Dich stockpile Hauked material from I* minus stockpile Hauked material from I* minus stockpile Pause M, continue anchor trench backfill and compaction Phase IV, Continue anchor trench backfill and compaction Phase IV, Continue grading cell foor ESI liner crew continued installing geosynthetics Phase V, Sect. 24, thrench continued exavating beyond design limits on south slope, heading west Powerscreener continued screening 1* and 6* minus solls Continued placing operations layer in Phase IIIB Continued placing operations layer in Phase IV Endandmaterit Phase 1 in Bhasteritt, complete Phase 1 in Bhasteritt, complete Phase 1: LCRS Sump: Measurement taken: (1.9) Water Pumped: (NA) Vadoes: Measurement taken: (1.6). Water Pumped: (NA) Vadoes: Measurement taken: (1.9). Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Phase III: LCRS Sump: Measurement taken:	6389	BRC Eastside Common Areas Soils Remediation	13-Jul-09	363			
Dep Shift     Phase IV, continue grading cell floor.     Phase IV, continue grading cell floor.     Si liner crew continued insalling geosynthetics.     Phase IV, Set 24, Set trench continued excervating beyond design links on south slope, heading west.     Phase IV, Set 24, Set trench continued excervating beyond design links on south slope, heading west.     Phase IV, Set 24, Set 10, Set	- Hauled material from Beta Di - Hauled material from I " minu						
Vadose: Measurement taken: (0.6) Water Pumped: (NVÄ). Phase II: LCRS Sump: Measurement taken: (18). Water Pumped: (699 gal). Vadose: Measurement taken: (NA) Water Pumped: (NA). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (IVA) Vadose: Measurement taken: (NA) Water Pumped: (IVA)	Day Shift Phase IV, continue grading o ESI line rew continued grading o ESI line rew continued to ESI mer rew continued too Phase 2 and Phase IIA, cont Phase 2 and Phase IIA, cont Cells collected water sampler Entact measured the water of Nath Shift Continued placing material in Continued placing operations <b>Embankment</b> Phase 1 embankment, compl	If floor. Inforge accounting beyond design limits on south slope, heading west. enting 4 and 6 minus solis. Intrud placing interim cover. Toom Phase II sum and monitoring well next to Phase I sump. phi in Phase I sump and vadoes zone. Also the Phase II sump. Phase III8. Isyer in Phase IV. enter in Phase IV.					
Vadose: Measurement taken: (NA) Water pumped: (NA). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA) Vadose: Measurement taken: (NA) Water Pumped: (NA)	Sump/Vadose Monitoring: P						
Vadose: Measurement taken: (NA) Water Pumped: (N/A)							
inspections: CAMU' Weston monitored sump access	Inspections: CAMU: Weston	monitored sumo access					

Phase I	
Previous Daily Cumulative =	291,200
Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20	0
cy/load (0 trucks) =	0
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	<u>0</u>
To Date Phase I estimated cumulative waste placed =	291,200
Phase II	
Previous Daily Cumulative =	806,878
Operations layer placed (completed) for liner certification. = 37,188	
Daily Day shift waste placed today: Western Hook (76) loads @ 18 cy/load (10) trucks =	1,368
Daily Day shift waste placed today: Slit Trenches, (43) loads @ 18cy/load (2) trucks =	774
Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =	
To Date Phase II estimated cumulative waste placed =	809,020
Phase IIIA	
Previous Daily Cumulative =	217,188
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 =	217,188
Phase IIIB	
Previous Daily Cumulative =	70,722
Operations layer placed (completed) for liner certification. = 21,978	
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	
Daily Night shift waste placed today: (180) loads @ 18cy/load (19) trucks =	3,240
To Date Phase IIIB estimated cumulative waste placed =	73,962
thase IV	
Previous Daily Cumulative =	14,580
Operations layer placed directly in Phase IV today: (136) loads @ 18 cy/load (9) trucks =	2,448
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 IV estimated cumulative waste placed =	17,028
Phase V	
Previous Daily Cumulative =	
Operations layer placed (completed) for liner certification. = ?	
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 =	0

		Cun	nulative Total To Date All Phases =	1,408,398 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)				
GCI	498,468	0	498.468	
Geomembrane	498,468	0	498,468	
Geocomposite	520,592	0	520.592	
Geotextile	0	0	0	
Geotextile	0	0	Ū	
Phase IIIA				
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	
Geolexile	50,000	0	50,000	
Phase IV				
GCL	459,942	0	459,942	
Geomembrane	459,942	0	459,942	
Geocomposite	430,000	29,952	459,952	
Geotextile	4,000	4,000	8,000	
Diana M				
Phase V GCI	0	0	â	
		0	0	
Geocomposite	0	0	0	
Geocomposite Geotextile	0	0	0	
Cootoxino	0	0	ů.	

Estimated Waste at Completion (cy) 2,050,000

% Complete 68.7%

Project No./Contract No.	Proje	ect Title / Locati	on	Day of Report	Report No.	1
6389	BRC Eastside Com	mon Areas S	Soils Remediation	13-Jul-09	363	
						-
BMI North	4 444 400	0				
GCL Geomembrane	1,111,468 1,111,468	0	1,111,468 1,111,468			
Geocomposite	1,111,468	ō	1,111,468			
BMI South						
GCL	177,000	0	177,000			
Geomembrane Geocomposite	177,000	0	177,000 177.000			
Debris Storage Area (comple	te)					
Geomembrane	12,000	0	12,000			
CAMU Cover						
GCL	0	0	0			
Geomembrane	0	0	0			
Geocomposite	0	0	<u>0</u>			
				Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope
Geosynthetic System Cumul	ative Total To Date All CAM	IU Phases	3,115,785	4,151,232	75.1%	6,534,07
HEALTH & SAFETY Description of Health & Safety Actions 1 Safety Topic: Sastide Day: Discussed high temp 2AMU Day: Discussed high temp Wight shift CAMU & Eastside: Disc	eratures this week, Heat stress, aratures this week, Heat stress,	, drink plenty o drink plenty of				
CONSTRUCTION QUALITY A Description of Quality Control Actions T Daily COA Summary. Wonitored waste placement of eas	aken Today / Quality Inspections Cor	nducted				

SITE VISITORS				r —
Name	Organization	Purpose of Visit		
			+	 <u> </u>
			-	 
				 İ
ļ I				

Report Prepared By / Title
Richard Laubinger, Construction Manager

Date Prepared 13-Jul-09

Signature

Weather Table						
Sunny/Clear						
Sunny / Party Cloudy						
Cloudy / Partly Sunny						
Cloudy						
Overcast						
Light Rain						

Rain Thunderstorms

Snow

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Option Scope 47.7%

6,534,075

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DAILY PRODUCTION & QUALITY CONTROL REPORT						
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## DAILY PHOTO LOG

Photo 1



CAMU: Phase IV, Liner installation.

Photo 2



Photo 3



CAMU: SE-2, Slit trench.

Photo 4



Eastside: SC-1 ponds.