

D	AILY PRODUCTION & QUALITY CONTROL REPO	RT	
Project No./Contract No.	Project Title / Location	Day of Report	Report No.
6389	BRC Eastside Common Areas Soils Remediation	22-Feb-10	580

PROJECT POINTS OF COM	ROJECT POINTS OF CONTACT									
Position	Name	E-Mail Address	Phone No.							
BRC PROJECT MANAGER	Lee Farris	Ifarris@landwellco.com	702-567-0400							
BRC PROJECT MANAGER	Ranajit Sahu	sahuron@earthlink.net	702-567-0400							
CONST. PROJECT MANAGER	Dan Brennecke	Dan.Brennecke@westonsolutions.c	970-260-5886							
Construction Manager	Richard Laubinger	Richard.Laubinger@westonsolution	720-641-8660							

WEAT	WEATHER CONDITIONS										
Conditions					tp (F)	W	Wind Add'l Readings		Readings		
AM	Light Rain	PM	Clausty / Danty Commu	Low	41			Precip. (In/Dy.)	0		
Am	Light Rain	P-M	Cloudy / Partly Sunny	High	53	N		Humidity (%)	0		
Addition	al Weather Comments										

dition	al Weather Comments			

DN-SITE WESTON PERSONNEL								
Name	Position	Trade / Work Performed	Y/N					
Dick Laubinger	Construction Manager	Construction Management Services.	Y					
Dan Brennecke	Project Manager. CM	Construction Management Services.	N					
Chris White	Assist. Const. Mgr	Construction Management Services.	Y					
Kevin Cooke	Assist. Const. Mgr	Construction Management Services.	Y					
June Laubinger	Admin Assistant	Construction Management Services.	Y					

ON-SITE GEOSYNTE	C PERSONNEL			Ť
Name	Position	Trade / Work Performed	Y/N	Т
Greg Corcoran	Design Engineer	Oversight	N	
Dan Street	QA Manager	Oversight	Y	
Jim Cox	QA/QC Supervisor	Oversight	N	
Rebecca Flynn	Engineer	Oversight	N	
Camon Liddell	QA/QC Tech	Oversight	Y	
Graciano Malana	QA/QC Tech	Oversight	Y	
Victor Heredia	QA/QC Tech	Oversight	Y	

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,	N	

OVERSITE PERSONN	EL			
Name	Position	Trade / Work Performed	Y/N	
Bob Meyer, ASW	Inspector	Liner Inspector,	Y	
Devin Gordon, MGA	Oversight	For NDEP	Y	
Brian Rakvica	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey	Surveyors	Survey	N	

PBS&J, Survey	Surveyors	Survey	N	
ON-SITE CONTRACTO	R PERSONNEL			
Name	Company	Trade / Work Performed	Y/N	
Erik Gehringer	Entact	Project Manager	N	
Eli Blackburn	Entact	Asst Project Manager	N	
Josh Carrol	Entact	Asst Project Manager, Eastside Manager	Y	
Michael Carlson	Entact	Engineer	Y	
Joe Curilla, Day	Entact	Health & Safety Officer	Y	
Timothy Stadt, Day	Entact	Health and Safety Officer	N	
Roger Wagner, Night	Entact	Eastside, Superintendent	Y	
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	Y	
Lance Bruce, Night	Entact	Health & Safety Officer	Y	
Terry Harper, Night	Entact	CAMU, Superintendent	Y	
Rick McIntire	Entact	CSP, Health & Safety	N	
Scott Zattau, Day	Entact	Health & Safety Officer	Y	
Jose Martinez, Night	Entact	Health & Safety Officer	Y	
Dawn Breedlove	Entact	Health & Safety Technician	Y	
				-
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized.	Y	т
	ABC Survey	Eastside/CAMU	N	1

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed	_	_		
CAT D400E Dump Truck (9)		CAMU			-	-	-	
JD D400 Dump Trucks (8)		Eastsid	е			-	-	
Chieftain 1400 Powerscreener		CAMU			-	-	-	
Komatsu Loader		CAMU				-	-	
CAT 345 excavators, (3)		Eastsid	e and C	AMU.		-	-	
CAT 330 Excavator (1)		CAMU				-	-	
Linkbelt 330LX Excavator (1)		CAMU				T -	-	
CAT D6 LGP Dozer (1)		Eastsid	е					
Water Trucks (2)		Eastsid	е					_
Case 580 backhoe		CAMU						
12,000 gal Water Towers (3)		CAMU	and Eas	stside.				
CAT D5 Dozer		Eastsid	е					
Water Trucks (3)		CAMU						
CAT D-6 Dozer, (3)		CAMU						
CAT 14H Grader		CAMU						
Rock Crusher		CAMU						
Kawasaki Loader		CAMU						
Smooth drum Rollers, (3)		CAMU						
Tenent Street Sweeper		Eastsid	e and C	AMU				
MATERIAL HANDLING (ON	-SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verification	
GCI	CETCO	O		For CAMU. On site	to date	Qty 2271	Spec	Tags
GCL	Agri	0		For CAMU, On site	_	2271	\vdash	\vdash

Material	Vendor	Today	UOM	Purpose				
material	vendor	Today	OOM	ruipose	to date	Qty	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		2271		
Geocomposite	Agru	0	rolls	For CAMU, On site		2442		
Geomembrane	Agru	0	rolls	For CAMU, On site		558		

WORK COMPLETED

Eastside Mixing and Drying Activity:

Day Shift:...
- Continued final scrape at Beta Ditch east to west, floor.
- Continued scraping laydown yardold trailer area.
- Continued scraping hauf mod. Hauded all material to Beta Ditch Stockpile.
- Graded hauf roads to remove mud.

- Night Shift: - Haularl material from the Reta Ditch stockniles

BRC Eastside Common Areas Soils Remediation 22.Feb-10 580	Project No./Contract No.	P	roject Title / Location		Day of Report	Report No.
CAMU Activity: - Day Shift Continued power screening 1* and 6* minus material ESI performed housekeeping, to wet to deploy liner ESI performed housekeeping, to wet to deploy liner Continued shift princing final force of not west stope Continued shift princing final force of not west stope Phase IV, subgrade inspection performed north slope and began south slope Phase IV, subgrade inspection performed north slope and top on north side. Approved for liner Phase IV, subgrade inspection performed north slope Phase IV, subgrade inspection performed north side Phase I monitored sumps Night Shift Phase I monitored sumps Night Shift Phase I estimated cumulative embankment placed: - Phase II estimated cumulative embankment placed: - P	6389	BRC Eastside Co	mmon Areas Soils	s Remediation	22-Feb-10	580
- Day Shiff - Continued power screening 1* and 6* minus material ESI performed housekeeping, to wet to deploy liner Continued froming parding final cover soil on west slope Continued froming access soil from the toe of north slope and began south slope Phase IV, subgrade inspection performed north slope and top on north side. Approved for liner Bills north some gridding performed on the south slop Placed drainage aggregate for CPE pipe on ramp Crinador hauf ossists to remove mut Ernact monitored sumps Which Shift: - Placed material in Phase IV and Phase V Embankment - Phase I embankment, complete Phase I estimated cumulative embankment placed: - Phase I	- Hauled material from the B	eta Ditch stockpiles.				
Continued power screening 1* and 6* minus material. - ESI performed housekeeping, to wet to deploy liner Continued finish grading finial cover soil on west slope Continued finish grading finial cover soil on west slope Phase IV, subgrade inspection performed north slope and top on north side. Approved for liner Bills north some grading performed on the south side Pilaced drainage aggregate for CPE pipe on ramp Graded heal roads to remove mud Ernisc monitored sumps. - What Shift: - Placed material in Phase IV and Phase V Embankment - Phase 1 estimated cumulative embankment placed: - Phase I estimated cumulative em	CAMU Activity:					
- Placed material in Phase IV and Phase V. Embankment - Phase I brancher, complete Phase I estimated cumulative embankment placed: - Phase I estimated embankment placed: - Phase I estimated embankment placed: - Vadose: Measurement taken: (0.235) Water Pumped: (NA) Phase III. LCRS Sump: Measurement taken: (2.217) Water pumped: (NA) Phase IIII. LCRS Sump: Measurement taken: (NA) Water pumped: (NA) Phase IIII. LCRS Sump: Measurement taken: (NA) Water Pumped: (NA).	Continued power screening ESI performed housekeepi Continued finish grading fir Continued removing exces Phase IV, subgrade inspec BMI north some grading pe Placed drainage aggregate Graded haul roads to remo	ng, to wet to deploy liner. al cover soil on west slope. s soil from the toe of north slope a tion performed north slope and top rformed on the south side. for CPE pipe on ramp.				
- Phase I embankment, complete Phase I embankment, complete Phase III embankment, complete. Sump/Vadose Monitoring: Phase I: LCRS Sump: Measurement taken: (1.442) Water Pumped: (N/A). Vadose: Measurement taken: (0.583) Water Pumped: (N/A). Phase II: LCRS Sump: Measurement taken: (2.217) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A). Phase IIII: LCRS Sump: Measurement taken: (W/A) Water Pumped: (N/A).		and Phase V.				
Phase I: LCRS Sump: Measurement taken: (1.442) Water Pumped: (NA). Vadose: Measurement taken: (0.53) Water Pumped: (NA). Phase II: LCRS Sump: Measurement taken: (2.217) Water Pumped: (NA). Vadose: Measurement taken: (NA) Water Pumped: (NA). Phase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (NA).	- Phase 1 embankment, con - Phase 1 estimated cumular	ive embankment placed:				
Vadose: Measurement taken: (NVA) Water pumped: (NVA). Phase IIIB: LCRS Sump: Measurement taken: (NVA) Water Pumped: (NVA).	Sump/Vadose Monitoring:					
Phase V: LCRS Sump: Measurement taken: (2.133) Water pumped: (885 gal). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).						

DAILY PRODUCTION & QUALITY CONTROL REPORT

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	sture o
Phase 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
Phase 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	су
Phase IIIA		
Previous Daily Cumulative =	222,174	cy
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		
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
Phase IIIB		
Previous Daily Cumulative =	439,547	су
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	су
Phase IV		
Previous Daily Cumulative =	482,378	су
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: (39) loads @ 21cy/load (5) trucks =	819	су
To Date Phase IV estimated cumulative waste placed =	483,197	су
Phase V		
Previous Daily Cumulative =	500,608	су
Operations layer placed (completed) for liner certification = 40,284		су
Daily Day shift waste placed from: Eastside. (0) loads @ 17 cy/load (0) trucks =		су
Daily Night shift waste placed today: (285) loads @ 21cy/load (15) trucks =	5,985	
To Date Phase V estimated cumulative waste placed =	506,593	су
11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey	123,750	су

		Estimated Waste at Completion	
		(cy)	% Complete
Cumulative Total To Date All Dhages -	2 277 296	2 000 000	112 00/

Geosynthetics Placed

Ocosvillicites i laced			
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			
	004 000	0	004.000
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			
GCL	340.535	0	340.535
Geomembrane	340,535	0	340,535
Geocomposite	340,535	0	340,535
Geotextile	50,000	0	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
COULTING	.2,350	J	.2,500

Phase \

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GCL		558,653	0	558,653		
Geomembrane		558,653	0	558,653		
Geocomposite		558,653	0	558,653		
Geotextile		15,925	0	15,925		
MI North						
GCL		1,111,468	0	1,111,468		
Geomembrane		1,111,468	o	1.111.468		
Geocomposite		1,111,468	Ō	1,111,468		
MI South						
GCL		177,000	0	177,000		
Geomembrane		177,000	0	177,000		
Geocomposite		177,000	0	177,000		

Debris Storage Area (complete)

Geomembrane	12,000	0	12,000
CAMU Cover			
GCL	1,112,000	0	1,112,000
Geomembrane	1,112,000	0	1,112,000
Geocomposite	1.112.000	0	1,112,000

		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
Geosynthetic System Cumulative Total To Date All CAMU Phases	4,798,438	4,151,232	88.8%	6,534,075	73.4%

HEALTH & SAFETY

Conscription of Health & Salety Actions Taken Today / Salety Inspections Conducted

Safety Topic

Eaststide Day: Discussed: When approaching heavy equipment make sure operator is aware.

CAMU Day: Discussed: When approaching heavy equipment make sure operator is aware.

Night shift CAMU & Eastside: Slips, trips, and falls.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Consequence of Quality Current Anion Trainer Trainer Today of Quality Interpretations Conductance

Daths COA Summarian of celestration americal in the CAMU on the night shift.

Monitor the placement of final cover.

Monitor the placement of interim cover.

ISSUES AND/OR ITEMS OF DISCUSSION
Discussion of Issues (Concerns (Conversations / Topics
Phase IV, subgrade inspection performed on the north slope and top on north side. Approved for liner installation.

SITE VISITORS				
Name	Organization	Purpose of Visit		
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 Report Prepared By / Title
 Date Prepared
 Signature

 Richard Laubinger, Construction Manager
 22-Feb-10

Weather Table
Sunny/Clear

Sunny / Party Cloudy
Cloudy / Party Sunny

M
Cloudy
Overcast
Light Rain
Thunderstorms

Sunny / Party Sunny

M
Thunderstorms

&

Snow

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

DAILY PRODUCTION & QUALITY CONTROL REPORT

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0	0	22-Feb-10	580

DAILY PHOTO LOG

Photo 1



Eastside: Beta Ditch.

Photo 2



Eastside: Beta Ditch.

Photo 3



Eastside: Beta Ditch.

Photo 4



CAMU: North slope, toe.

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