

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	26-Jan-10	553

PROJECT 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	HER CONDITIONS								
	Conc	litions		Ten	1p (F)	W	ind	Add'l F	Readings
AM	Cloudy / Partly Sunny	PM	Cloudy / Partly Sunny	Low	39			Precip. (In/Dy.)	0
	Cloudy / Fally Sulliy		Cloudy / Faitty Strilly	High	56	W	3mph	Humidity (%)	0
Addition	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 GEOSYNTEC PERSONNEL							
Name	Position	Trade / Work Performed	Y/N				
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	N				
Graciano Malana	QA/QC Tech	Oversight	Y				
Victor Heredia	QA/QC Tech	Oversight	Y				
John Duncan	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,	Y	

OVERSITE PERSONNEL				
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	
			1	
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	Y	
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	П
Scott Zattau, Day	Entact	Health & Safety Officer	Y	
Jose Martinez, Night	Entact	Health & Safety Officer	Y	
Dawn Breedlove	Entact	Health & Safety Technician	Y	
				F
		Liner Crew, (1) Supt, (10) Laborers/ Seamers, mobilized.	Y	
	ABC Survey	Eastside/CAMU/Western Hook	N	

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed	-			_
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid	le			-	-	
CAT 324D long stick excavator		Eastsid	le		-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid				-	-	
CAT 345 excavators, (4)		Eastsid	e and C	AMU.		-	-	
CAT 330 Excavator (1)		CAMU				-	-	
Linkbelt 330LX Excavator (1)		CAMU			-	-	-	
CAT D6 LGP Dozer (1)		Eastsid	le					
Water Trucks (3)		Eastsid	e					
Case 580 backhoe		CAMU						
12,000 gal Water Towers (3)		CAMU	and Eas	tside.				
CAT D5 Dozer		Eastsid	le					
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				
Komatsu Loader		CAMU	and Eas	tside.				
Chieftain 1400 Powerscreener		CAMU						
MATERIAL HANDLING (ON-S	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
	CETCO	0		For CAMU. On site	to date	Qty 2271	Spec	Tags

MATERIAL HANDLING (ON	-SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose	_	Delivery	Verification	n
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		
								_

Eastside Mixing and Drying Activity:

Day Shift:
- Continued final scrape of Beta Ditch, SW and HP Ponds, hauling material to Beta Ditch stockpile.
- Over the road trucks hauled material from the Beta Ditch stockpile to CAMU, Phase 5 for placement.
- GES/Eagle, continued to collect samples in spraywheel.

Night Shift

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- Night Shift: - Hauled material from Beta Dite	ch stockpiles. Shut down approximately 1AM due to rain.		
Continued placing final cover s Graded haul roads. Continued placing material fro Phase I and Phase II continue ESI liner crew, installing geosy	m Eastside in Phase V. d repairing subgrade on top for liner installation. Inthetics on Phase I and Phase II.		
- Night Shift:	embankment placed:		

Phase II: LCRS Sump: Measurement taken: (2.308) Water Pumped: (N/A).
Vadose: Measurement taken: (N/A) Water pumped: (N/A).
Phase IIIB: LCRS Sump: Measurement taken: (N/A) Water Pumped: (N/A).
Vadose: Measurement taken: (N/A) Water Pumped: (N/A).
Phase V: LCRS Sump: Measurement taken: (N/A) Water Pumped: (3.500 gall).
Vadore: Measurement taken: (N/A) Water Pumped: (3.500 gall).

DAILY PRODUCTION & QUALITY CONTROL REPORT

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of mois	ture on wet pond
Phase I		
Previous Daily Cumulative =	372,886	cy
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 =		cy
Daily Night shift placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase I estimated cumulative waste placed =	372,886	су
Phase II		
Previous Daily Cumulative =	1,072,405	су
Operations layer placed (completed) for liner certification. = 37,188		cy
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 =		cy
Daily Night shift placed today: (0) loads @ 21 cy/load (0) trucks =		cy
To Date Phase II estimated cumulative waste placed =	1,072,405	су
Phase IIIA		
Previous Daily Cumulative =	222,174	cv
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =		-,
Operations layer placed (completed for liner certification = 21,276)		cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy
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	су
		cy
Operations layer placed (completed) for liner certification. = 21,978		
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/ld (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks = To Date Phase IIIB estimated cumulative waste placed =	439,547	cy
To Date Filase IIID estillated culturative waste placed =	455,547	cy
hase IV		
Previous Daily Cumulative =	437,669	cy
Operations layer placed (completed) for liner certification = 37,314		cy
Daily Day shift waste placed today: (0) loads @ 17 cy/load (0) trucks =		cy
Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =		cy
To Date Phase IV estimated cumulative waste placed =	437,669	-
hV		
hase V Previous Daily Cumulative =	360 666	ou.
Frevious Daily Cumulative =	360,666	•
Operations layer placed (completed) for liner certification = 40,284		cy
Daily Day shift waste placed from: Eastside. (167) loads @ 17 cy/load (10) trucks =	2,839	су
Daily Night shift waste placed today: (214) loads @ 21cy/load (19) trucks =	4,494	су
To Date Phase V estimated cumulative waste placed =	367,999	су

| Complete
| Cumulative Total To Date All Phases = | 3,036,430 cy | 2,900,000 | 104.7% |

123,750 cy

Geosynthetics Placed Phase I (complete)

Phase I (complete)	Previous	Placed	Cumulative Place
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	ō	498,468
Geocomposite	520,592	0	520.592
Geotextile	0	0	0
Phase IIIA			
GCI	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			
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

11/01/09 Volume Adjustment to Correlate with CAMU Placement Survey

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Geomembrane Geocomposite Geotextile		558,653 558,653 15,925	0 0 0	558,653 558,653 15,925		

177,000 177,000 177,000

1,111,468 1,111,468 1,111,468 1,111,468 1,111,468 1,111,468

Debris Storage Area (complete)

Geomembrane CAMU Cover GCL

Geomembrane Geocomposite

12,000

12,000 737,514 737,514 614,800

Total
Geosynthetics for
CAMU Basic Scope
(sf)

(scope

CAMU Basic Scope

Total Geosynthetics for CAMU Basic Scope +Option Scope

4,411,952 4,151,232

6,534,075

67.5%

Geosynthetic System Cumulative Total To Date All CAMU Phases HEALTH & SAFETY

Unacception of Health & Salety Actions Taken Today / Salety Projections Conducted Safety Topic: Eastside Day: Discussed: Inspect equipment, new or used daily. ACMU Day: Discussed: Inspect equipment, new or used daily. Night shift CAMU & Eastside: Discussed: Drive slow when leaving the tailgate meeting, follow flaggers directions.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Consideration of Control Actions Fathers Fathers
Daily CAS Summary
Monitored the placement of estatistic soils in the CAMU during the day shift.
Monitored the placement of estatistic soils in the CAMU during the day shift.
Monitored the installation of geosynthetics on the day shift.
Monitored the installation of geosynthetics on the day shift.
Monitored placement of final cover soils.

ISSUES AND/OR ITEMS OF DISCUSSION

Night shift cases hauling approximations? (Option 1) All due to steady rain.

Phase V sump was monitored and pumped during the day and night shift due to recharging.

SITE VISITORS

Richard Laubinger, Construction Manager

26-Jan-10

Weather Table

Sunny/Clear 69 Sunny / Party Cloudy શ m Cloudy <u>Ω</u> Overcast M, Light Rain $\eta_{\!_{\!O}}$ *m* Rain Thunderstorms \mathcal{H}

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

		REPLIE
	UALITY CONTROL	

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0	0	26-Jan-10	

DAILY PHOTO LOG

Photo 1



Eastside: Beta ditch, additional scrape to the south.

Photo 2



CAMU: Phase I and Phase II, geosynthetics.

Photo 3



CAMU: Phase I and Phase II, geosynthetics.

Photo 4



CAMU: Phase I and Phase II, top. 1" final cover placement..

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