

DAILY PRODUCTION & QUALITY CONTROL REPORT					
Project No./Contract No.	Project Title / Location	Day of Report	Report No.		
6389	BRC Eastside Common Areas Soils Remediation	13-Nov-09	485		
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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				

WEATHER CONDITIONS									
	Cond	litions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	Common (Denter Clause)	PM	Cloudy	Low	44			Precip. (In/Dy.)	0
Am	Sunny / Party Cloudy	PM	Cloudy	High	69	NE	7mph	Humidity (%)	0
Addition	al Weather Comments								

Name	Position	Trade / Work Performed	Y/N
Dick Laubinger	Construction Manager	Construction Management Services.	Y
Dan Brennecke	Project Manager. CM	Construction Management Services.	N
Richard Davis	Project Engineer	Construction Management Services.	Y
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		
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
Stuart Irwin	QA/QC Tech	Oversight	Y
Camon Liddell	QA/QC Tech	Oversight	Y
Graciano Malana	QA/QC Tech	Oversight	Y
Kevin Brown	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 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	
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	Y	_
Jeremy Schissler	Entact	Acting 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	Y	
Roger Wagner, Night	Entact	Eastside, Superintendent	N	-
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	
John Frazier , Night	Entact	Health & Safety Officer	Y	
Eli Blackburn	Entact	Asst Project Manager	Y	
Scott Zattau, Day	Entact	Health & Safety Technician	Y	
Jose Martinez, Night	Entact	Health & Safety Technician	Y	-
Dawn Breedlove	Entact	Health & Safety Technician	Y	
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers	Y	_
	ABC Survey	Eastside/CAMU/Western Hook	N	

Equipment	Vendor / Tag No.			Work Performed				
	vendor / Tag No.			TOTA I CITOTILICA				\vdash
CAT D400E Dump Truck (10)		CAMU			-	-	-	
JD D400 Dump Trucks (10)		Eastsid				-	-	_
CAT 324D long stick excavator		Eastsid			-	-	-	
CAT D8R Dozer with disc, (1)		Eastsid				-	-	
CAT 345 excavators, (8)			e, CAM	J and Galleria		-	-	
CAT 330 Excavator (1)		CAMU				-	-	L
CAT 365 Excavator (1)		CAMU				-	-	1
CAT D6 LGP Dozer (1)		Eastsid						
Water Trucks (3)		Eastsid	е					
Case backhoe		CAMU						
CAT 16H Grader		CAMU						
CAT D8 Dozer		Eastsid	Eastside					
Water Trucks (4)		CAMU	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	and Eas	tside.				
Chieftain 1400 Powerscreener		CAMU						1
						-		1
								i —
MATERIAL HANDLING (ON-S	ITE DELIVERY / REMOVAL)							
		To do	11011	B	_	Delivery	Verificatio	n
Material	Vendor	Today	UOM	Purpose	to date	Otv	Spec	Tags

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)								
Material	Vendor	Today	UOM	Purpose		Delivery Verification		
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 excavating and stockpling material in PUA-10, PUB-9, CTR-2 and CTR-3.

- Continued excavating, scraping and loading from WST-2, SW-4, and east of WST-6, hauling to Beta Ditch stockpile.

- Hauling material with CTR trucks from HP berms to CAMU for placement.

- Galleria Scrape continued stockpiling and hauling material to CAMU for placement.

- Night Shift: - Haulad material from PLIA-10 CTR-4 and Rata Ditch stockniles

Project No./Contract No.	Project Title / Location	Day of Report	Report No.					
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- Hauled material from PUA-1	0, CTR-4 and Beta Ditch stockpiles.							
CAMU Activity:								
Continued screening operat Phase IIIA, D6 dozer placing Phase I, Phase II and Phase	g second lift of final cover soil. I IIIB continued grading waste on west slope. hase II, Phase IIIB and Phase V sumps.							
- Night Shift: - Placed material in Phase II,	Phase IIIB, Phase IV and Phase V.							
Embankment - Phase 1 embankment, com - Phase 1 estimated cumulati - Phase II embankment , com	ve embankment placed:							
Sump/Vadose Monitoring:								
	Phase 1: LCRS Sump: Measurement taken: (1.208) Water Pumped: (N/A). Vadose: Measurement taken: (0.583) Water Pumped: (N/A).							
	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).							
Inspections: CAMU: N/A.	Phase V: LCRS Sump: Measurement taken: (1.625) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water pumped: (N/A)							
Eastside: Insp	Eastside: Inspected perimeter fence: All secure.							

DAILY PRODUCTION & QUALITY CONTROL REPORT

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds) Phase I 372.823 cv Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cy/load (0) trucks =

Daily Night shift placed today: (1) loads @ 21cy/load (1) trucks =

To Date Phase I estimated cumulative waste placed = 372,844 cy Phase II
Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 37,188 1,069,843 CV Daily Day shift waste placed today: Galleria Scrape, (0) loads @ 17 cy/load (0) trucks = Daily Day shift waste placed today: Eastside Waste, (0) loads @ 17cy/load (0) trucks = Daily Night shift placed today: (77) loads @ 21 cy/load (13) trucks = су 1.617 CY To Date Phase II estimated cumulative waste placed = 1,071,460 cy Previous Daily Cumulative =
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 222,174 cy су Operations layer placed (completed for liner certification = 21,276) Operations ages practed (conspected for liner definitionation = 2,1,21s)

Daily Days hift waste placed today: (0) loads @ 21cy/load (0) trucks =

Daily Night shift waste placed today: (0) loads @ 21cy/load (0) trucks =

To Date Phase IIIA estimated cumulative waste placed = су 222,174 cy Previous Daily Cumulative = 337,718 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed from: Galletia/Esstside (0) loads @ 17 cyld (0) trucks =
Daily Night shift waste placed today: (163) loads @ 21cyload (17) trucks =
To Date Phase IIIB estimated cumulative waste placed = су су 3,423 CY 341,141 cy Phase IV
Previous Daily Cumulative = 218,994 cy су Operations layer placed (completed) for liner certification = 37,314
Daily Day shift waste placed today: (0) loads @ 17 cylload (0) trucks =
Daily Night shift waste placed today: (66) loads @ 21cylload (10) trucks =
To Date Phase IV estimated cumulative waste placed = су Phase V Previous Daily Cumulative = 81,218 cy Operations layer placed (completed) for liner certification = 40,284
Daily Day shift waste placed from: Galleriaff-astiside (296) loads @ 17 cylload (20) trucks =
Daily Night shift waste placed today: (68) loads @ 21cylload (11) trucks =
To Date Phase V estimated cumulative waste placed = су 5,032 cy 1,428 ^{Cy} 87,678 cy

Geosynthetics Placed			
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)			
GCL	498,468	0	498,468
Geomembrane	498,468	0	498,468
Geocomposite	520,592	0	520,592
Geotextile	0	0	0
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			
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
Geomembrane	558,653	0	558,653
Geocomposite	558,653	0	558,653
Geotextile	15.925	0	15.925

Ver 1.1 11/07 2 of 4

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4,038,238

BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite 177,000 177,000 177,000

Debris Storage Area (complete)

12,000 CAMU Cover GCL Geomembrane Geocomposite 344,800 344,800 205,500 363,800 363,800 205,500

% Complete of Basic Scope + Option Scope 61.8% Total Geosynthetics for CAMU Basic Scope (sf) (sf) Total Geosynthetics for CAMU Basic Scope Scope +Option Scope 4,151,232 97.3% 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic:
Eastside Day: Discussed: Daily truck/equipment inspections.
CAMU Day: Discussed: Daily truck/equipment inspections.
Night shift CAMU & Eastside: Discussed: Defensive driving.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Quality Control Actions Talen Today / Quality Inspections Consucero
Dailty COA Summary
Monitor waste placement into the CAMU of Eastside and Galleria material during the day shift.
Monitor waste placement into the CAMU of Eastside material during the right shift.
Monitor the installation of Inal cover for CAMU closure.
Monitor from a Internation of CAMU closure.
Monitor from the Internation of CAMU closure.
Monitor the installation of geosynthetics on Phase II.
Monitor final grading of BMI Morth Inadfill.
Perform eastside waste sampling as requested by Entact.

ISSUES AND/OR ITEMS OF DISCUSSION

SITE VISITORS

Richard Laubinger, Construction Manager

13-Nov-09

Weather Table

Sunny/Clear 9 Sunny / Party Cloudy શ Cloudy / Partly Sunny m Cloudy <u>Ω</u> M, Overcast Light Rain η_o Rain *m* \mathcal{H} Thunderstorms

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Ver 1.1 11/07 3 of 4

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

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6389	BRC Eastside Common Areas Soils Remediation	13-Nov-09	485
0	0		

DAILY PHOTO LOG

Photo 1



Photo 2



Photo 3



Photo 4



Ver 1.1 11/07 4 of 4