

DAILY PRODUCTION & QUALITY CONTROL REPORT					
Project No./Contract No.	Project Title / Location	Day of Report	Report No.		
6389	BRC Eastside Common Areas Soils Remediation	31-Oct-09	472		

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									
Conditions			Temp (F)		Wind		Add'l Readings		
AM	Sunny/Clear	PM	Sunny/Clear	Low	51			Precip. (In/Dy.)	0
Am			Suriny/Clear	High	71	NE		Humidity (%)	0
Additions	al Weather Comments								

ON-SITE WESTON PERSO	ONNEL			
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.	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.	N	
	+			_

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				
Stuart Irwin	QA/QC Tech	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,	N	

OVERSITE PERSONN	EL			
Name	Position	Trade / Work Performed	Y/N	
Bob Meyer, ASW	Inspector	Liner Inspector,	N	
Devin Gordon, MGA	Oversight	For NDEP	N	
Brian Rakvica	Inspector	NDEP	N	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
DDC 0 I Commen	C	D	N.	

PBS&J, Survey	Surveyors	Survey	N	
ON-SITE CONTRACTO				
Name	Company	Trade / Work Performed	Y/N	
Erik Gehringer	Entact	Project Manager	N	
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	Y	
Russell Karnes	Entact	CAMU, Superintendent, Western Hook.	N	
Lance Bruce, Night	Entact	Health & Safety Officer	Y	
Terry Harper, Night	Entact	CAMU, Superintendent	Y	
Rick McIntire	Entact	CSP, Health & Safety	Y	
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	N	
	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	e			-	-	-
CAT 324D long stick excavator		Eastsid	e		-	-	-	-
CAT D8R Dozer with disc, (1)		Eastsid	le			-	-	-
CAT 345 excavators, (8)		Eastsid	e, CAM	U and Galleria		-	-	-
CAT 330 Excavator (1)		CAMU				-	-	-
CAT 365 Excavator (1)		CAMU				-	-	-
CAT D6 LGP Dozer (1)		Eastsid	e					-
Water Trucks (3)		Eastsid	le					-
Case backhoe		CAMU						-
CAT 16H Grader		CAMU						-
CAT D8 Dozer		Eastsid	e					-
Water Trucks (4)		CAMU						-
CAT D-6 Dozer, (3)		CAMU						-
CAT 14H Grader		CAMU			I			-
Gradall, forklift		CAMU						-
JLG		CAMU						-
Smooth drum Rollers, (3)		CAMU						-
Tenent Street Sweeper		Eastsid	e and C	AMU				-
Komatsu Loader			and Eas	tside.				-
Chieftain 1400 Powerscreener		CAMU						-
							-	
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI	CETCO			For CAMU. On site	to date	Qty 2271	Spec	Tags
GCL	CETCO	0	rolls	For CAMU, On site		22/1		I

	Material Vendor Today UOM Purpose							
material	vendor	Today	OOM	n ruipose		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 top of berms and slopes in SW ponds.
- IHP-5 berm, two excavations continued loading material in OTR trucks and hauling to CAMU.
- Continued excavating in CTR-2 and CTR-4 and stockpiling material.
- Continued excavating in CTR-2 and CTR-4 and stockpiling material.
- Continued disagraped WTS-5 pond with three excavators, loading and hauling material to Beta Dtich stockpile.
- Continued Galleria scrape, loading and hauling material in OTR trucks to CAMU for placement.

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Night Shift: No Activity.			
CAMU Activity:			
- Grading waste in Phase II.	a Scrape and Eastside into Phase II. g cover soil on geocomposite.		
- Night Shift: No Activity.			
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: (N/A) Water Pumped: (N/A). Vadose: Measurement taken: (N/A) Water Pumped: (N/A).		
	Phase II: LCRS Sump: Measurement taken: (N/A) 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: (N/A).		
Inspections: CAMU: N/A.			
Eastside: Insp	ected 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 347.700 cv Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 20 cylload (0) trucks =

Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks =

To Date Phase I estimated cumulative waste placed = 347,700 cy Phase II
Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 37,188 1,050,256 cy Daily Day shift waste placed today: Galleria Scrape, (24) loads @ 18 cy/load (3) trucks = 432 cv Daily Day shift waste placed today: Eastside Waste, (272) loads @ 18cy/load (17) trucks = Daily Night shift placed today: (0) loads @ 18cy/load (0) trucks = 4,896 ^{cy} To Date Phase II estimated cumulative waste placed = 1,055,584 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 placed (completed unline certification = 2,7,27s)
Daily Days hift waste placed today: (0) loads @ 18 cylload (0) trucks =
Daily Night shift waste placed today: (0) loads @ 18cylload (0) trucks =
To Date Phase IIIA estimated cumulative waste placed = cy 222,174 cy Previous Daily Cumulative = 304,332 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 18 cyld (0) trucks =
Daily Night shift waste placed today: (0) loads @ 18cyldad (0) trucks =
To Daily Phase IIIB estimated cumulative waste placed = су су 304,332 cy Phase IV
Previous Daily Cumulative = 188,586 cy су Operations layer placed (completed) for liner certification = 37,314
Daily Day shift waste placed today: (0) loads @ 18 cylload (0) trucks =
Daily Night shift waste placed today: (0) loads @ 18cylload (0) trucks =
To Date Phase IV estimated cumulative waste placed = су 188,586 cy Phase V Previous Daily Cumulative = 66,304 cv Operations layer placed (completed) for liner certification = 40,284
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 18 cy/load (0) trucks = су cy Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase V estimated cumulative waste placed =

| Estimated Waste at | Completion | (cy) | % Complet | Completion | (cy) | % Completion | (cy) | % (completion | (cy) | % (cy) | % (completion | (cy) | % (cy) | % (cy) | % (cy) | % (c

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	Ó
Phase IIIA			
GCI	221.000	0	221.000
Geomembrane	221,000	0	221,000
Geocomposite	221,000	o o	221,000
Geotextile	20,000	ō	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
	,		,
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

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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 205,500 205,500 205,500

% Complete of Basic Scope + Option Scope 59.4% Total Geosynthetics for CAMU Basic Scope (sf) Total Geosynthetics for CAMU Basic Scope Scope +Option Scope 4,151,232 93.5% 3,879,938 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Description or reason a savey relation to the Safety Topic.

Eastside Day: Discussed: BP Oil fine from OSHA and OSHA inspections.

CAMIU Day: Discussed: BP Oil fine from OSHA and OSHA inspections.

Night shift CAMU & Eastside: Discussed: No Activity.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Custry Control Actions Talent ricitary - Lampure-pulary. CAS Jammans.

Monitor waste placement into the CAMU of Galleria and Eastside material during the day shift.

Monitor waste placement into the CAMU of Eastside material during the night shift.

Monitor waste regrading at the CAMU on the day shift

Monitor the placement of interior cover for CAMU Closure.

Monitor the placement of interior cover for CAMU Closure.

ISSUES AND/OR ITEMS OF DISCUSSION

SITE VISITORS

Richard Laubinger, Construction Manager

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

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DAILY PHOTO LOG

Photo 1



Eastside: HP-5.

Photo 2



Eastside: HP-5.

Photo 3



Eastside: CTR-3 and CTR-2.

Photo 4



CAMU: Phase IIIA.

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