

DAILY PRODUCTION & QUALITY CONTROL REPORT						
Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
6389	BRC Eastside Common Areas Soils Remediation	27-Jul-09	377			

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				

	Co	nditions		Ten	1p (F)	W	ind	Add'l F	teadings
AM	0(0)	PM	Common / Death Classel	Low	87			Precip. (In/Dy.)	0
Am	Sunny/Clear PM Sunny / Party Cloudy	High	108	SW		Humidity (%)	0		

Name	Position	Trade / Work Performed	Y/N
ick Laubinger	Construction Manager	Construction Management Services.	Y
an Brennecke	Project Manager. CM	Construction Management Services.	N
ichard Davis	Project Engineer	Construction Management Services.	Y
hris White	Assist. Const. Mgr	Construction Management Services.	Y
evin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
une Laubinger	Admin Assistant	Construction Management Services.	Y

ON-SITE GEOSYNTEC PE	RSONNEL		
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
Roland Derosier	QA/QC Tech	Oversight	N
Camon Liddell	QA/QC Tech	Oversight	N
Victor Heredia	QA/QC Tech	Oversight	Y
Keith Schraitle	QA/QC Tech	Oversight	Y
ON-SITE SUPPORT PERS	ONNEL		
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
Jill Dale, 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	
Dock Kim, ATC	Field Observation	For AIG	N	
Brian Rakvica	Inspector	NDEP, Site Visit.	Y	
Steve Morrow, ASW	Inspector	Liner Inspector	N	
PBS&J, Survey		Survey, 7A	N	

PBS&J, Survey	Surveyors	Survey, 7A	N
ON-SITE CONTRACTOR	RPERSONNEL		
Name	Company	Trade / Work Performed	Y/N
Erik Gehringer	Entact	Project Manager	N
Jeremy Schissler	Entact	Acting Project Manager	Y
Josh Carrol	Entact	Asst Project 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.	Y
Lance Bruce, Nights	Entact	Health & Safety Officer	Y
Terry Harper, Night	Entact	CAMU, Superintendent	Y
Rick McIntire	Entact	CSP, Health & Safety	Y
John Frazier , Days	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, Night	Entact	Health & Safety Technician	Y
	Environmental Specialties, Inc.	Liner Crew, (1) Supt, 9 Laborers/ Seamers	N
	ABC Survey	Eastside/CAMU.	Y

Equipment	Vendor / Tag No.			Work Performed				
CAT D400E Dump Truck (10)		CAMU			-	-	-	-
JD D400 Dump Trucks (10)			Eastside				-	-
CAT 324D long stick excavator		Fastsid					-	-
CAT D8R Dozer with disc, (1)		Fastsid			-	-	-	-
CAT 345 excavators. (8)				AMU. Western Hook		H	H	-
CAT 330 Excavator (1)		CAMU	e and c	AWO, Western Hook		H	H	-
CAT 365 Excavator (1)		CAMU						-
CAT D6 LGP Dozer (1)		Eastsid			_	-	-	-
Water Trucks (3)		Fastsid						\vdash
Case hackhoe		CAMU			_	-	-	-
CAT 16H Grader		CAMU						-
CAT D8 Dozer			Eastside				-	├
Water Trucks (4)		CAMU					-	├─
CAT D-6 Dozer, (3)		CAMU						1
CAT 14H Grader		CAMU				-		
Gradall, forklift		CAMU						-
II G		CAMU						†
Smooth drum Rollers. (3)		CAMU						
Tenent Street Sweeper		Fastsid	e and C	AMU				
Komatsu Loader		CAMU.	Phase	1				
Chieftain 1400 Powerscreener		CAMU						1
								1
						i		l
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose		Delivery	Verificatio	n
					to date	Otv	Spec	Tags

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)								
Material	Vendor	Today	day UOM	Purpose	Delivery Verification			
material	vendor	Today	OOM	ruipose	to date	Qty	Spec	Tags
GCL	CETCO	0		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

Description of Work Executed Torthology

Eastside Mixing and Drying Activity:

Day Shift:

- PiUB-7, PiUG-7 and PIUD-5 ponds, continued excavation, loading and hauling material to Beta ditch stockpile.

- PiUB-7, PiUG-7 and PIUD-5 ponds, continued excavation and stockpiling material.

- Bit dozer discinglyushing up previously placed wer material for dying.

- Western Hook, excavator continued scraping and stockpiling. Water truck used for dust control.

- SW-12 pt : 6.

Night Shift

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Night Shift:	ial from Beta Ditch stockpile and PUE row stockpile.		
AMU Activity:			
Phase V, continued grading fl SE-2, slit trench backfilling ex RCP, 42° storm drain pipe ins Entact measured water depth Phase II, shredding tires and	I preparing for interim cover. Entact surveyed top of waste, oor and north and sast slopes. Coverage of the Coverage of the		
Night Shift: Continued placing material in	Phase II and Phase IIIB.		
mbankment Phase 1 embankment, compl Phase 1 estimated cumulative Phase II embankment , comp	e embankment placed: lete.		
ump/Vadose Monitoring: Ph	nase 1: LCRS Sump: Measurement taken: (2.3) Water Pumped: (N/A). Vadose: Measurement taken: (0.6) Water Pumped: (N/A).		
P	hase II: LCRS Sump: Measurement taken: (2.3). Water Pumped: (401 gal). Vadose: Measurement taken: (NA) Water pumped: (N/A).		
P	hase IIIB: LCRS Sump: Measurement taken: (NA) Water Pumped: (N/A) Vadose: Measurement taken: (NA) Water Pumped: (N/A)		
spections: CAMU: Weston	monitored sump access.		
Eastside: Inspe	cted perimeter fence. All secure. Western hook repairs made today.		

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to	loss of moistur
· ·	ioss of moistur
Phase I	004 000
Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662	291,200 cy 0 cy
Daily Day shift waste placed today: Phase IV,V scape & Phase IIIB trench excavation. 0 loads @ 20	
cy/load (0 trucks) =	0 cy
Daily Night shift placed today: 0 loads @ 18cy/load (0 trucks) =	<u>0</u> cy
To Date Phase I estimated cumulative waste placed =	291,200 cy
Phase II	
Previous Daily Cumulative =	814,546 cy
Operations layer placed (completed) for liner certification. = 37,188	су
Daily Day shift waste placed today: From Western Hook (0) loads @ 18 cy/load (0) trucks =	су
Daily Day shift waste placed today: Slit Trenches, (0) loads @ 18cy/load (0) trucks =	су
Daily Night shift placed today: (60) loads @ 18cy/load (7) trucks =	1.080 CY
To Date Phase II estimated cumulative waste placed =	
·	
Phase IIIA	
Previous Daily Cumulative = Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks =	219,366 cy
operations layer placed directly in Finance	
Operations layer placed (completed for liner certification = 21,276)	су
Daily Day shift waste placed today: From Phase IIIB. (0) loads @ 18 cy/load (0) trucks =	су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	cy
To Date Phase IIIA estimated cumulative waste placed =	219,366 cy
Phase IIIB	
Previous Daily Cumulative =	120,546 cy
Occasional translation of Commission (Commission Commission Commis	су
Operations layer placed (completed) for liner certification. = 21,978 Daily Day shift waste placed today: (0) loads @ 18 cy/load (0) trucks =	cy
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	5.166 CY
To Date Phase IIIB estimated cumulative waste placed =	
Phase IV	
Previous Daily Cumulative =	37,314 cy
Operations layer placed directly in Phase IV today: (0) loads @ 18 cy/load (0) trucks =	су
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks =	су
To Date Phase IV estimated cumulative waste placed =	37,314 cy
Phase V	
Previous Daily Cumulative =	cy
Operations layer placed (completed) for liner certification. = ?	су
Daily Day shift waste placed today: From ??. (0) loads @ 18 cy/load (0) trucks =	су
Daily Night shift waste placed today: (0) loads @ 18cy/load (0) trucks = To Date Phase V estimated cumulative waste placed =	0 cy
To Date Phase V estimated cumulative waste placed =	о су

| Estimated Waste at Completion | Completion | (cy) | % Complet | Completion | 72.6% | 2,050,000 | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.6% | 72.

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	0	0	0
Geomembrane	0	0	Ó
Geocomposite	0	Ó	Ó
Geotextile	0	0	0

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BMI North GCL Geomembrane Geocomposite

BMI South GCL Geomembrane Geocomposite

Debris Storage Area (complete)

Geomembrane	12,000	0	12,00
CAMU Cover			
GCL	0	0	0
Geomembrane	0	0	0
0	0	0	

% Complete of Basic Scope + Option Scope 47.7% 4,151,232 75.1% 3,115,785 6,534,075

Geosynthetic System Cumulative Total To Date All CAMU Phases

HEALTH & SAFETY

Safety Topic:
Eastside Day: Discussed housekeeping inside trucks and equipment.
CAMU Day: Discussed housekeeping inside trucks and equipment.
Night shift CAMU & Eastside: Discussed trucks peed and communication on the decontamination pad.

CONSTRUCTION QUALITY ASSURANCE & QUALITY CONTROL

Description of Outly Control Actions Taken Today / Cousty Imperiors Considers

John Cond. Summary

Monitored the waste placement into the CAMU of eastaide material on the night shift.

Monitored backfilling of sit terech in Pinse V on the day shift.

Monitored construction of north and east aideslopes in Phase V.

Monitored waste loop regarding in Phase IIIA for interim cover.

Monitored waste slope regarding in Phase IIIA for interim cover.

Monitored waste some construction of stormwater piping.

ISSUES AND/OR ITEMS OF DISCUSSION

Discussion of Issues / Concerns / Conve Site Visit by Brian Rakvica, NDEP.

VISITORS					
Name	Organization	Purpose of Visit			T
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Richard Laubinger, Construction Manager

27-Jul-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 $\frac{m}{m}$ \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



CAMU: Phase 5, working slopes.

Photo 2

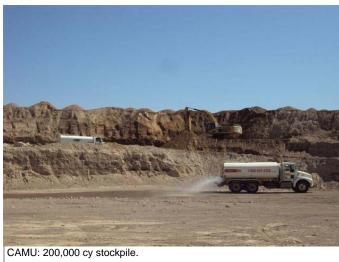


Photo 3



Photo 4



Eastside: PUD-5 pond.

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