

DAILY PRODUCTION & QUALITY CONTROL REPORT						
Project No./Contract No.	Project Title / Location	Day of Report	Report No.			
6389	BRC Eastside Common Areas Soils Remediation	30-Nov-09	501			

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'I Readings		
AM	C(Cl	Sunny/Clear PM Sunny/Clear	DM CommulClass	Low	33			Precip. (In/Dy.)	0
- Ann	Suriny/Clear		Suriny/Ciear	High	64	N	3mph	Humidity (%)	0
Additions	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
(evin Cooke	Assist. Const. Mgr	Construction Management Services.	Y
lune 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				
Stuart Irwin	QA/QC Tech	Oversight	Y				
Camon Liddell	QA/QC Tech	Oversight	Y				
Graciano Malana	QA/QC Tech	Oversight	Y				

ON-SITE SOLLOKLI LEKSK	MINEL			
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				
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	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	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	
				Ι
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	Environmental Specialties, Inc.	Liner Crew, (1) Supt, (10) Laborers/ Seamers, Demobilized.	N	Г
	ABC Survey	Eastside/CAMU/Western Hook	N	l

ON-SITE EQUIPMENT								
Equipment	Vendor / Tag No.			Work Performed		T		
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	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	le					-
Water Trucks (3)		Eastsid	le					-
Case backhoe		CAMU						-
CAT 16H Grader		CAMU	CAMU					-
CAT D8 Dozer		Eastside						-
Water Trucks (4)		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						-
							-	
MATERIAL HANDLING (ON-	SITE DELIVERY / REMOVAL)							
Material	Vendor	Today	UOM	Purpose			Verificatio	
GCI	CETCO	0		For CAMIJ. On site	to date	Qty 2271	Spec	Tags
GUL	CETCO	1 0	rolls	For CAMU, On site	1	2271	I	I

MATERIAL HANDLING (ON-SITE DELIVERY / REMOVAL)									
Material	sterial Vendor Today UOM Purpose	Purpose	Delivery Verification			n			
material	vendor	roday oom ruipose		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 excavairing and stockpiling material in PUB-9, PUC-8 and HP ponds.
- Continued scrape south of PUA-10, loading and hauling to Beta Ditch stockpile.
- Continued final scrape of SW, CTR, and WST ponds, hauling material to Beta Ditch stockpile.
- Continued fooding OTR trusks from SW bernes and hauling to CAMIU for placement.
- Galleria Scrape, continued scraping, stockpiling and loading OTR trusks to haul to CAMIU for placement.

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Night Shift: Hauled material from PU	A-10, HP pond and the Beta Ditch stockpiles.		
AMU Activity:			
Placed material from Gall Graded waste in Phase I, Placed cover soil on Pha	eria and Eastside into Phase IV. Phase II, Phase IIIB and Phase IV. se II slopes. ng 1° and 6° minus material.		
Night Shift: Placed material in Phase	s IIIB and Phase IV.		
mbankment Phase 1 embankment, co Phase 1 estimated cumul Phase II embankment, c	ative embankment placed:		
ump/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)		

Estimated Waste Placement (Estimated volumes do not account for shrinkage due to loss of moisture on wet ponds) Phase I 372.886 cv Previous Daily Cumulative = Operations layer placed (completed) for liner certification. = 21,662 Daily Day shift waste placed today: Galleria/Eastside, (0) loads @ 17 cylload (0) trucks =

Daily Night shift placed today: (0) loads @ 2 tcylload (0) trucks =

To Date Phase I estimated cumulative waste placed = 372,886 cy Phase II
Previous Daily Cumulative =
Operations layer placed (completed) for liner certification. = 37,188 1,072,405 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: (0) loads @ 21 cy/load (0) trucks = су To Date Phase II estimated cumulative waste placed = 1,072,405 cy Previous Daily Cumulative =
Operations layer placed directly in Phase IIIA today: (0) loads @ 18 cy/load (0) trucks = 222,174 cy cy 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 @ 21cylload (0) trucks =

Daily Night shift waste placed today: (0) loads @ 21cylload (0) trucks =

To Date Phase IIIA estimated cumulative waste placed = cy 222,174 cy Previous Daily Cumulative = 370,394 cy Operations layer placed (completed) for liner certification. = 21,978
Daily Day shift waste placed from: GalletialEssistie (0) loads @ 17 cyld (0) trucks =
Daily Night shift waste placed today: (172) loads @ 21cyload (17) trucks =
To Date Phase IIIB estimated cumulative waste placed = су 3,612 CY Phase IV
Previous Daily Cumulative = 266,580 cy су Operations layer placed (completed) for liner certification = 37,314
Daily Day shift waste placed today: (304) loads @ 17 cy/load (20) trucks =
Daily Night shift waste placed today: (197) loads @ 21cy/load (18) trucks =
To Date Phase IV estimated cumulative waste placed = 5,168 cy 4,137 <sup>Cy</sup> 275,885 cy Phase V Previous Daily Cumulative = 159.880 cv Operations layer placed (completed) for liner certification = 40,284
Daily Day shift waste placed from: Galleria/Eastside (0) loads @ 17 cy/load (0) trucks = су cy Daily Night shift waste placed today: (97) loads @ 21cy/load (19) trucks =

To Date Phase V estimated cumulative waste placed = cy 159,880 cy

| Estimated Waste at Completion (cy) % Completio

261,799 cy

# Geosynthetics Placed

Phase I (complete)	Previous	Placed	Cumulative Place
GCI	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			
GCL	221.000	0	221.000
Geomembrane	221.000	0	221,000
Geocomposite	221.000	ō	221,000
Geotextile	20,000	0	20,000
Phase IIIB			
GCI	340.535	0	340.535
Geomembrane	340,535	0	340.535
Geocomposite	340,535	ō	340.535
Geotextile	50,000	ō	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	ō	12,390
Phase V			
GCL	558,653	0	558,653

10/31/09 Volume Adjustment to Correlate with Eastside Excavation Survey

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Geomembrane Geocomposite Geotextile		558,653 558,653 15,925	0 0 0	558,653 558,653 15,925		
BMI North GCL Geomembrane Geocomposite		1,111,468 1,111,468 1,111,468	0 0 0	1,111,468 1,111,468 1,111,468		
BMI South GCL Geomembrane Geocomposite		177,000 177,000 177,000	0 0 0	177,000 177,000 177,000		

Geomembrane	12,000	0	12,00
CAMU Cover			
GCL	394,514	0	394,51
Geomembrane	394,514	0	394,51
Geocomposite	397,000	0	397,00

		Total Geosynthetics for CAMU Basic Scope (sf)	% Complete of Basic Scope	Total Geosynthetics for CAMU Basic Scope +Option Scope	of Basic Scope + Option Scope
Geosynthetic System Cumulative Total To Date All CAMU Phases	4,068,952	4,151,232	98.0%	6,534,075	62.39

HEALTH & SAFETY
Description of Health & Safety Actions Taken Today / Safety Inspections Conducted
Safety Topic:
Eastside Day: Discussed: Daily truck/equipment inspections.
CAMU Day: Discussed: Daily truck/equipment inspections.
Night shift CAMU & Eastside: Discussed internal haul roads traffic pattern changes.

Description of Quality Custom Actions Talen Today / Quality Inspectores Connucies Dailty COA Summan; Monitor waste placement into the CAMU of galleria and east side materials during the day shift. Monitor waste placement into the CAMU of eastside materials on the night shift. Monitor placement of final cover at the CAMU closure on the day shift.

SUES AND/OR ITEM cussion of Issues / Conce					
erformed a sweep/inspi	ction of WST ponds	and haul road scra	pe. MGA, Entact a	nd Weston.	

VISITORS				
Name Organization		Purpose of Visit		
	+			
****	-		_	

30-Nov-09 Richard Laubinger, Construction Manager

Weather Table Sunny/Clear 9 Sunny / Party Cloudy શ m) Ω Cloudy Overcast M, η<sub>0</sub> Light Rain Rain Thunderstorms  $\mathcal{H}$ &

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

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0	0	30-Nov-09	501

## DAILY PHOTO LOG

Photo 1



CAMU: Phase II, south slope.

Photo 2



CAMU: Phase IV, waste placement.

Photo 3



Photo 4



CAMU: Phase II, Phase I top.

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