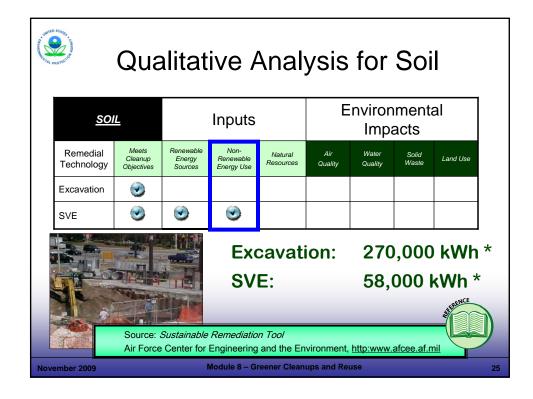


	<u>IL</u>	Inputs			Environmental Impacts			
Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use
Excavation	۲							
SVE	۲							
		_						

UNITED STATES	SALDA F.	Qua	alitat	ive A	Analy	ysis	for	Soi		
	<u>S01</u>	<u>L</u>		Inputs		Environmental Impacts				
	emedial chnology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
Ex	cavation	9								
sv	Έ	3	0							
				Excava	tion: Elec	ctric Tru	cks, Exca	avators	– Not yet!	
				SVE:	Sola	ar, Wind	Powered	I – YES!		
Novembe	er 2009		1	Module 8 – G	reener Clean	ups and Re	use			2



Saver at PRO	Take - Course	Qua	alitat	ive A	Analy	ysis	for	Soi		
	<u>S01</u>	<u>L</u>		Inputs		Environmental Impacts				
	Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
	Excavation	0								
	SVE	۲	0	3	3					
	F			Exc	avatio		l mate dust			
				SVI	E:		onstru aterial			
Nove	mber 2009			Module 8 – Gi	reener Clean	ups and Re	lse			20

<u>SOI</u>	L	Inputs			Environmental Impacts			
Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use
Excavation	0							
SVE	3	3	۲	3				
Now			e impa		_			

Trace protocol	Qua	alitat	ive A	Anal	ysis	for	Soi	1	
<u>so</u>	<u>IL</u>		Inputs		Environmental Impacts				
Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
Excavation	۲								
SVE	۲	0	3	3	0				
Now	Exca SVE:		HG emiss an treat c		atilizatior	1.5		2 per kWł 12 per gal line	
Future	Exca SVE:		lo air impa 'apor intru			5	US DOE		
ovember 2009			Module 8 – G	reener Clean	ups and Rei	ise			

AND STAR	the second the	Qua	alitat	ive A	Analy	ysis	for	Soi	I
	<u>SOI</u>	L		Inputs		E	inviror Impa		al
	Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use
E	Excavation	0					۲		
s	SVE	٢	3	۲	۲	۲			
N	'ow	Exca SVE:		ewatering lone	g waste s	tream			
Fu	ture	Exca		lo ground urface wa	water or ater impac	ots		1 A	
		SVE:		ondensat	•				
Novem	nber 2009		I	Module 8 – G	reener Clean	ups and Re	use		

- Chrysonner II a p	Brance Barrow	Qualitative Analysis for Soil								
	<u>SOI</u>	<u>IL</u>		Inputs		E	nviror Imp		al	
	Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
	Excavation	0					۲			
	SVE	٢	0	0	0	۲		۲		
/	Vow	Exca SVE:		ontamina onstructi						1.000
F	uture	Exca SVE:	vation: N C	lone arbon, sc	rap meta	I				
Nove	ember 2009			Module 8 – G	reener Clean	ups and Re	use			3

A CONNECTION	ROTECTION	Qua	alitat	ive A	Analy	ysis	for	Soi	I	
	<u>SOI</u>	<u>L</u>		Inputs		E	nviror Imp		al	
	Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
	Excavation	3					3			
	SVE	0	۲	۲	٢	۲		۲	۲	
/	Vow	Exca SVE:	la N	ite can be andfill spa lore flexik xisting st	ice need f ble to impl	or excav ement si	ated soi nce			
F	uture	Exca SVE:		ite reuse/ lisk of vap						
Nove	ember 2009		1	Module 8 – G	reener Clean	ups and Reu	use			31

- Chrynonent fr	Qualitative Analysis for Soil									
	<u>SOI</u>	<u>IL</u>		Inputs		E	nviror Impa		al	
	Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
	Excavation	۲					۲			
	SVE	۲	0	0	0	۲		0	0	
	Now	Exca SVE:	C	lore energ an be Imp setter if ex	olemented	d during	site rede	•		
F	uture	Exca SVE:	L	iood sour ess energ nplement	gy & mate					
Nov	ember 2009			Module 8 – G	reener Clean	ups and Re	use			32

<u>GROUND</u>	<u>WATER</u>		Inputs		outs Environmental Impacts				
Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use	
MNA, NFA w/ICs	۲								
Bio	۲								
Thermal Treatment (ERH)	۲								
Pump & Treat	۲								

<u>GROUND</u>	<u>WATER</u>	Inputs			E	nviron Impa		al
Remedial Technology	Meets Cleanup Objectives	Renewable Energy Sources	Non- Renewable Energy Use	Natural Resources	Air Quality	Water Quality	Solid Waste	Land Use
MNA, NFA w/ICs	۲	۲	٢	٢	?		۲	
Bio	3	0	0	0	0	۲	۲	۲
Thermal Treatment (ERH)	۲				۲	۲		۲
Pump & Treat	0	۲				?		
Pump &	🥑	ی ا	anu athar	factors	o into da			

