

APPENDIX B

SUPERFUND TREATMENT TECHNOLOGY SUMMARY MATRIX

This appendix does not appear in the printed version of Treatment Technologies for Site Cleanup: Annual Status Report (Tenth Edition). This appendix is available in the on-line version of this report at <http://clu-in.org/asr>.



REGION 1

Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS	
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation		
Linemaster Switch Corporation	CT	1993	Remedial						◆					0
Hocomonco Pond - ESD	MA	1985	Remedial		◆									0
Wells G&H - OU 1 (Wildwood Conservation Trust)	MA	1989	Remedial	◆										0
Loring AFB - OU 11, Fuels Tank Farm (FTF)	ME	1995	Removal			◆								0
Pease Air Force Base - Site 45	NH	1995	Remedial	◆										0
Pease Air Force Base - Zone 2	NH	1995	Remedial	◆										0
Savage Municipal Water Supply - OU 1, OK Tool Source Area	NH	1997	Remedial	◆										0
Somerset Sanitary Landfill	NH	1994	Remedial								◆			D/BI
Tibbetts Road - OU 01	NH	1998	Remedial									◆		PD/D
Peterson/Puritan Inc. - OU 1, PAC Area	RI	1993	Remedial					◆						0

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REGION 2

Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS		
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation			
FAA Technical Center - Area B Navy Fire Testing Facility	NJ	1996	Remedial	◆											PD/D
FAA Technical Center - OU 1, Area D - Jet Fuel Farm	NJ	1989	Remedial			◆									O
Naval Air Engineering Center - Areas A And B Groundwater	NJ	1997	Remedial						◆						O
Naval Air Engineering Station Areas I and J Groundwater OU 26	NJ	1999	Remedial			◆									O
Naval Air Engineering Station, Site 28 - Soil And Groundwater OU	NJ	1997	Remedial	◆											O
Naval Weapons Station Earle (Site A) - OU 03	NJ	1998	Remedial	◆											PD/D
Woodland Route 532 Dump (Amendment)	NJ	1999	Remedial	◆											PD/D
Woodland Routes 72 Dump (Amendment)	NJ	1999	Remedial	◆											PD/D
Brookhaven National Laboratory (USDOE) - OU 4	NY	1996	Remedial	◆											O
Kentucky Avenue Wellfield - OU 3	NY	1996	Remedial	◆											PD/D
Pasley Solvents And Chemicals, Inc.	NY	1992	Remedial	◆											O
Plattsburgh AFB - Bldg. 2774, Ss-017	NY	1996	Removal	◆											O
Shore Realty (Formerly Applied Environmental Services) - Groundwater OU	NY	1991	Remedial			◆									O
Shore Realty (Formerly Applied Environmental Services) - OU 1	NY	1991	Remedial	◆											O
Sinclair Refinery - OU 2	NY	1991	Remedial	◆											O

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REGION 3

Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS		
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation			
Dover AFB - Target Area 2 Of Area 6	DE	1995	Remedial			♦									PD/D
NCR Corp.	DE	1991	Remedial	♦											O
Avco Lycoming	PA	1997	Remedial			♦									O
Avco Lycoming	PA	1997	Remedial	♦											PD/D
Brown's Battery Breaking Site - OU 2	PA	1992	Remedial								♦				PD/D
Burgess Brothers Landfill - OU 01	PA	1998	Remedial	♦											D/BI
Saegertown Industrial Area	PA	1993	Remedial	♦											PD/D
Tonoll Corp.	PA	1992	Remedial								♦				O
Arrowhead Associates/Scovill Corp ESD	VA	1998	Remedial								♦				PD/D
Naval Surface Warfare Center, Dahlgren, Site 12 - Chemical Burn Area	VA	1997	Remedial	♦											O

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REGION 4

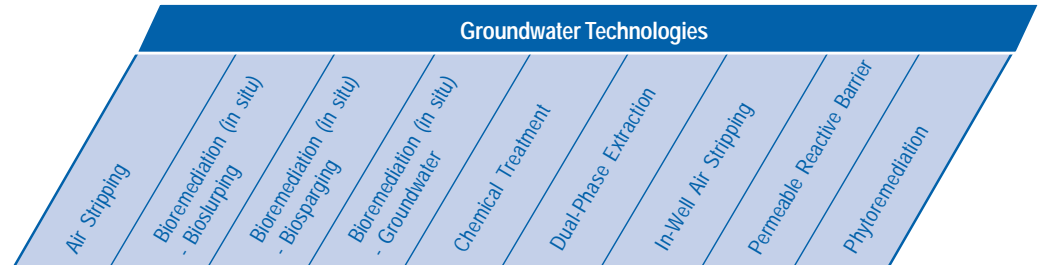
Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS		
				Air Stripping	Bioremediation (in situ) - Biosurfing	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation			
American Creosote Works OU2-Phase 1	FL	1994	Remedial							◆					O
American Creosote Works, Inc. - OU 2 Phase 2	FL	1994	Remedial			◆									PD/D
Cecil Field Naval Air Station - OU 08	FL	1998	Remedial	◆											O
Cecil Field Naval Air Station - OU 7, Site 16	FL	1999	Remedial	◆											O
Aberdeen Pesticide Dumps OU 5	NC	1999	Remedial										◆		PD/D
FCX - Statesville - OU 3	NC	1996	Remedial	◆											PD/D
USMC Camp Lejeune Military Base - OU 10, Site 35	NC	1995	Remedial							◆					O
Calhoun Park Area - OU 01	SC	1998	Remedial										◆		PD/D
CSX McCormick Derailment Site	SC	NA	Removal			◆									O
Rochester Property	SC	1993	Remedial	◆											O
Savannah River Site (USDOE) C Area Burning/Rubble Pit 131-C (U)	SC	1999	Remedial	◆											O
Shuron Inc - OU 01	SC	1998	Remedial	◆											PD/D

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REGION 5

Groundwater Treatment Technology Summary Matrix



SITE NAME	STATE	FY	ACTION	TECHNOLOGY TYPE										STATUS			
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation					
Accra-Pac	IN	NA	Removal		♦												O
Accra-Pac	IN	NA	Removal	♦													D/BI
Conrail Rail Yard - OU 2	IN	1994	Remedial	♦													PD/D
Fisher-Calo	IN	1990	Remedial		♦												O
Wayne Waste Oil	IN	1990	Remedial		♦												O
Clare Water Supply	MI	1997	Remedial						♦								O
Electrovoice - OU 1	MI	1992	Remedial	♦													O
Thermo-Chem, Inc. - OU 1	MI	1991	Remedial	♦													O
Kummer Sanitary Landfill - OU 3 (Amendment)	MN	1996	Remedial			♦											C
Wright-Patterson Air Force Base - Groundwater OU 12	OH	1999	Remedial					♦									PD/D
Zanesville Well Field	OH	1991	Remedial	♦													O

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REGION 6

Groundwater Treatment Technology Summary Matrix

				Groundwater Technologies										
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation		
SITE NAME	STATE	FY	ACTION	TECHNOLOGY TYPE									STATUS	
Popile	AR	1993	Remedial			♦								PD/D
American Creosote Works, Inc. (Winnfield Plant)	LA	1993	Remedial			♦								O
Prewitt Abandoned Refinery	NM	1992	Remedial	♦										O
Tinker AFB - Soldier Creek And Building 3001	OK	1990	Remedial		♦									O
Air Force Plant 4 - Building 181	TX	1996	Remedial						♦					O
Petro-Chemical Systems, Inc. - OU 2	TX	1998	Remedial			♦								O

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REGION 7

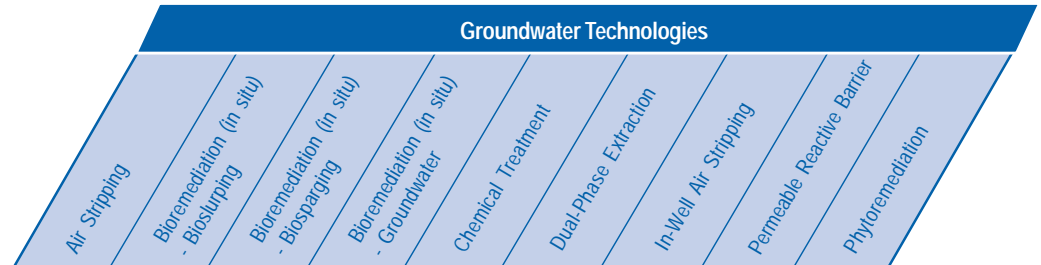
Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS		
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation			
Peoples Natural Gas	IA	1991	Remedial	◆											PD/D
57th And North Broadway Streets Site - OU 01	KS	1998	Remedial							◆					PD/D
Ace Services	KS	1999	Remedial			◆									PD/D
Lake City Army Ammunition Plant (NW Lagoon) - OU 03	MO	1998	Remedial								◆				O
Hastings Groundwater Contamination - Hastings East Industrial Park Groundwater Zone, Former Naval Ammunition Depot	NE	NA	Removal	◆											O
Hastings Groundwater Contamination- Colorado Ave, OU1	NE	1991	Remedial	◆											O
Hastings Groundwater Contamination- Colorado Ave, OU1	NE	1991	Removal							◆					O

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REGION 8

Groundwater Treatment Technology Summary Matrix



SITE NAME	STATE	FY	ACTION	TECHNOLOGY TYPE									STATUS		
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation			
Chemical Sales Company - OU 1	CO	1991	Remedial	◆											O
Rocky Flats Plant (USDOE) - Buffer Zone	CO	1992	Remedial									◆			O
Sand Creek Industrial - OU 4	CO	1994	Remedial						◆						C
Burlington Northern (Somers Plant) - Groundwater	MT	1989	Remedial			◆									O
Idaho Pole Company	MT	1992	Remedial			◆									O
Libby Groundwater Contamination	MT	1989	Remedial			◆									O
Montana Pole And Treating Plant - Groundwater OU	MT	1993	Remedial			◆									O
Ellsworth AFB - OU 1	SD	1995	Remedial						◆						O
Monticello Mill Tailings (USDOE) - OU 03	UT	1998	Remedial									◆			O
F.E. Warren Air Force Base, OU2	WY	1997	Remedial									◆			O
Mystery Bridge Road/Highway 20 - OU 2	WY	NA	Removal	◆											C

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REGION 9

Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies										STATUS			
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation					
Phoenix Goodyear Airport Area (South Facility) - Subunit A	AZ	1996	Remedial	◆													C
Barstow Marine Corps Logistics Base - OU 01	CA	1998	Remedial	◆													O
Del Norte County Pesticide Storage Area	CA	1986	Remedial	◆													C
Fairchild Semiconductor (Mt. View) - Siemens/Sobrato (455 & 487 Middlefield Road)	CA	1993	Remedial	◆													O
Koppers - Oroville Plant	CA	1999	Remedial			◆											O
Travis AFB	CA	1998	Remedial				◆										O
Travis AFB	CA	1998	Remedial						◆								O

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REGION 10

Groundwater Treatment Technology Summary Matrix

SITE NAME	STATE	FY	ACTION	Groundwater Technologies									STATUS				
				Air Stripping	Bioremediation (in situ) - Bioslurping	Bioremediation (in situ) - Biosparging	Bioremediation (in situ) - Groundwater	Chemical Treatment	Dual-Phase Extraction	In-Well Air Stripping	Permeable Reactive Barrier	Phytoremediation					
Elmendorf AFB - OU 6 And Source Area Ss19, Perched Aquifer Groundwater at Sd15	AK	1997	Remedial							◆							0
Fort Richardson - OU B	AK	1997	Remedial							◆							0
Fort Richardson - OU B	AK	1997	Remedial	◆													0
Fort Wainwright - OU 2 - Building 1168 Leach Well	AK	1997	Remedial	◆													0
Fort Wainwright - OU 2 - DRMO Yard	AK	1997	Remedial	◆													0
Fort Wainwright - OU 3	AK	1996	Remedial	◆													0
Fort Wainwright - OU 4	AK	1996	Remedial	◆													0
Fort Wainwright OU 5 WQFS1	AK	1999	Remedial	◆													0
Fort Wainwright OU 5 WQFS2	AK	1999	Remedial	◆													0
Fort Wainwright OU 5 WQFS3	AK	1999	Remedial	◆													PD/D
East Multnomah County Groundwater Contamination - Cascade Corporation, Troutdale Gravel Aquifer	OR	1997	Remedial	◆													C
Fairchild Air Force Base - Priority 1 OUs (OU 2) Ft-1	WA	1993	Remedial	◆													0
Fort Lewis Military Reservation - Landfill 4	WA	1993	Remedial	◆													0
Naval Undersea Warfare Station (4 Areas) - OU 01	WA	1998	Remedial												◆		0

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