

Summary of Information from ISW and RSW Landfills in Ohio

Landfill Facility	District	Operating or Closed?	Program	Class	Facility Age	Lined or Unlined	Liner Type(s)	Vertical Isolation Distance Between UAS and Base of Liner	Soil Type Comprising Vertical Isolation Distance	UAS Description	UAS GW Contamination?	SZS Description	SZS GW Contamination	Comments
Owens Corning Fiberglass Corporation	CDO	operating	ISW	N/A	>35 years	partial	clay or comp (5' clay)	0-10'	sand to mixed sand and clay	S&G	Yes	S&G	Yes	
Ohio Edison Edgewater Plant	NEDO	closed	RSW	3	closed prior to 1990	unlined	N/A	0-5'	clay till	sandstone, shale	Yes	thin sand lenses in till	Yes	
Millennium Inorganic Chemicals, Inc.	NEDO	operating	ISW	N/A	>15 years	lined	Comp & 5 ft. clay	0-20'	clay till	shale	No	silt	No	
Reserve Environmental Services, Inc.	NEDO	operating	ISW	N/A	since late 1980's-early 90's	lined	3' clay	min 20'	clay till	shale-till interface	No	silt, silty sand	No	
WCI Steel, Inc.	NEDO	operating	RSW	1	>5 years	lined	5' clay & 60mil HDPE	20-50'	clay till	till and bedrock interface	No	fill and alluvium	No	Contamination from old unlined waste pile being moved to lined area.
Rittman Paperboard Packaging Corp. of America	NEDO	operating	RSW	3	>16 years	lined	2.5' clay	40'	lacustrine clay & alluvium	100 gpm gravel outwash	No	alluvium	No	
Warren Recycling C&DD	NEDO	closed	C&DD	N/A	closed 2004	partial	clay in lined areas	100'	clay till	sandstone bedrock	No	silty clay	No	
U.S. Gypsum Company	NWDO	closed	RSW	3	pre-1968	unlined	N/A	0-24'	clay till	carbonate bedrock (mine)	No	(none)	No	2005 IOC
Kwest Group	NWDO	closed	RSW	3	closed in 1989	unlined	N/A	0-40'	fill/spoil	carbonate bedrock	No	(none)	No	2006 IOC
Brush Wellman, Inc. (Cell A)	NWDO	operating	ISW	N/A	Aug 1990	lined	double comp w/ 3-5' clay	10-12'	10' lacustrine clay over 15' clay till	carbonate bedrock	No?	none	No?	Triggered recently for Alkalinity. Other sources of Contamination in area
Lafarge North America	NWDO	operating	RSW	3	>20 years	partial	5' clay	20'	lacustrine clay over clay till	sand and gravel, carbonate bedrock	No	S&G	No	2006 IOC
Mansfield Plumbing Products, Inc. China Division	NWDO	closed	RSW	1	ceased accepting waste in 2/06	unlined	N/A	~25'	silty clay/clay till	sandstone and shale	No	silty sand	No	2005 IOC
Mansfield Brass & Aluminum	NWDO	closed	RSW	3	1987-1994	unlined	N/A	30-40'	silty clay/clay till	S&G	No	sandy silt	No	1994 IOC
GM Powertrain Group Defiance Plant	NWDO	operating	RSW	3	opened in 1948	partial	3' clay in lined portion	40'	49' foundry sand over 10-57' clay till	clayey S&G	No	foundry sand/fill	No	2004 IOC
Huron Lime County No. 1	NWDO	closed	RSW	3	closed in 1994	unlined	N/A	40-50'	silty clay/clay till	sand and silt	No	(none)	No	2000 IOC

<i>Huron Lime County No. 2</i>	NWDO	closed	RSW	3	closed in 1994	unlined	N/A	40-50'	silty clay/clay till	sand and silt	no wells	(none?)	N/A	
<i>Unitcast</i>	NWDO	closed	RSW	3	opened in 1943, closed in 1996	unlined	N/A	45-78'	clay till	carbonate bedrock	no	(none)	no	
<i>Mead Corporation Depot</i>	SEDO	closed	ISW	N/A	closed in 1992	unlined	N/A	0	Cl, S&G	S&G	Yes	(none)	N/A	
<i>Mead Corporation Paint Street</i>	SEDO	closed	ISW	N/A	closed in 1989	unlined	N/A	0	S&G	S&G	Yes	(none)	N/A	
<i>Mill Creek Site, Stone Container Corporation</i>	SEDO	closed	ISW	N/A	1970's - 1997	unlined	N/A	0	spoil over SS/shale	spoil/SS/SH	Yes	sandstone and shale	Yes	
<i>Conesville Plant</i>	SEDO	operating	RSW	3	opened in 1985	lined	half comp; other half clay only (1.5' clay)	0-15'	alluvium over small portion; shale/SS over rest	sandstone and shale	No	(none)	No	
<i>Commonwealth Aluminum (Barnet)</i>	SEDO	closed	ISW	---	1970's - 2001	unlined	N/A	~15'	CL/ML	silt sand	Yes	(none)	N/A	
<i>U.S. DOE X-735 Portsmouth Gaseous Diffusion</i>	SEDO	closed	ISW	N/A	PTI approved 10/79	partial	liner in new areas only	23'	23' Mindford clay	sand & Berea SS	Yes	(none)	N/A	
<i>Gavin Plant</i>	SEDO	operating	RSW	3	opened in 1994	lined	comp PVC & clay (1.5')	100+'	interbedded SS/shale	sandstone and shale	No	(none)	?	Source other than landfill is suspected.
<i>Hodapp</i>	SWDO	closed	RSW	3	opened 1970, closed 1991	unlined	N/A	0	S&G	sand, silt, gravel (overlies G. Miami SSA)	Yes	(none)	N/A	
<i>AK Steel Corp. Middletown Works</i>	SWDO	closed	RSW	3	operated 1981-2000	unlined	N/A	<5'	silty clay/clay till	sand, silty sand (overlies G. Miami SSA)	Yes	(none)	N/A	1993 IOC
<i>Miamiview Ash</i>	SWDO	closed	ISW	N/A	closed in 1989	likely unlined but unconfirmed	?	probably <5'	Initially mined for S&G. Org soil prob Martinsville silt loam	S&G	?	probably no SZS	N/A	
<i>Zimmer Residual Waste</i>	SWDO	operating	RSW	3	PTI in 1988?	lined	comp FML w/ 3' clay	10-20'	clay till w/ sand seams	till/bedrock interface plus upper Ordovician	No	sand	?	Source other than landfill is suspected.
<i>Frasier Paper</i>	SWDO	closed	RSW	3	operated 1970-2003, closed 2005	partially lined	60mil FML w/ 3' clay	75'	silty clay/clay till w/ sand lenses	sand (100 gpm aquifer - overlies G. Miami SSA)	No	sand	No	2002 IOC