

Threats Tables for UTRSPA Assessment Report

Section 7

Table Error! No text of specified style in document.-5 Number of Locations of Significant Drinking Water Threats in Middlesex County and City of London

System - wellfield	Vulnerable Area	Vulnerability Score	Number of Locations of Significant Threats
Birr	WHPA - A	10	13
	WHPA - B	6	0
	WHPA - C	4	0
	WHPA - D	2	0
Melrose	WHPA - A	10	16
	WHPA - B	10	10
	WHPA - C	6, 8	0
	WHPA - D	2, 4, 6	0
Dorchester	WHPA - A	10	5
	WHPA - B	10	64
	WHPA - B	6	0
	WHPA - C	4, 8	0
	WHPA - D	2, 6	0
	WHPA - E	6.3	0
Thorndale	WHPA - A	10	6
	WHPA - B	6	1
	WHPA - C	4	0
	WHPA - D	2	0
City of London-Fanshawe wells	WHPA - A	10	6
	WHPA - B	10	1
	WHPA - C	8	0
	WHPA - D	Not applicable*	Not applicable
	WHPA - E	7	0
City of London-Hyde Park wells	WHPA - A	10	2
	WHPA - B	10	1
	WHPA - B	6, 8	0
	WHPA - C	6	1
	WHPA - C	4, 8	0
	WHPA - D	2, 4, 6	0

*WHPA reaches steady state in WHPA-C, therefore there is no WHPA-D

Table Error! No text of specified style in document.-6 Number of Locations of Significant Drinking Water Threats in Oxford County

System - wellfield	Vulnerable Area	Vulnerability Score	Number of Locations of Significant Threats
Beachville	WHPA - A	10	6
	WHPA - B	6, 8	0
	WHPA - C	4, 8	1
	WHPA - D	2, 4, 6	0

Table Error! No text of specified style in document.-6 Number of Locations of Significant Drinking Water Threats in Oxford County

System - wellfield	Vulnerable Area	Vulnerability Score	Number of Locations of Significant Threats
Embros	WHPA - A	10	20
	WHPA - B	6	4
	WHPA - C	4	0
	WHPA - D	2	0
Hickson	WHPA - A	10	10
	WHPA - B	8	0
	WHPA - C	4	0
	WHPA - D	2	0
Ingersoll	WHPA - A	10	21
	WHPA - B	6, 8, 10	22
	WHPA - C	2, 6	16
	WHPA - D	2, 4, 6	0
Innerkip	WHPA - A	10	2
	WHPA - B	8	0
	WHPA - C	6, 8	0
	WHPA - D	2, 4	0
Lakeside	WHPA - A	10	6
	WHPA - B	6	0
	WHPA - C	4	0
	WHPA - D	2	0
Mount Elgin	WHPA - A	10	17
	WHPA - B	6	0
	WHPA - C	4	0
	WHPA - D	2	0
Tavistock	WHPA - A	10	5
	WHPA - B	6	10
	WHPA - C	4	1
	WHPA - D	2	0
Thamesford	WHPA - A	10	6
	WHPA - B	6, 8, 10	6
	WHPA - C	4, 8, 10	0
	WHPA - D	2, 8	0
	WHPA - E	6.3	0
Woodstock – Urban Wells	WHPA - A	10	6
	WHPA - B	8, 6	20
	WHPA - C	6, 2	55
	WHPA - D	4, 2	0
Woodstock – Rural Wells	WHPA - A	10	20
	WHPA - B	10, 8	225
	WHPA - C	8, 6, 2	0
	WHPA - D	4, 2	0
	WHPA - E	7	0

Table Error! No text of specified style in document.-7 Number of Locations of Significant Drinking Water Threats in Perth County, City of Stratford and Town of St. Marys

System - wellfield	Vulnerable Area	Vulnerability Score	Number of Locations of Significant Threats
Mitchell	WHPA - A	10	5
	WHPA - B	6	2
	WHPA - C	4	0
	WHPA - D	2	0
Shakespeare	WHPA - A	10	2
	WHPA - B	6	1
	WHPA - C	4	0
	WHPA - D	2	0
Sebringville	WHPA - A	10	0
	WHPA - B	10	0
	WHPA - C	4	0
	WHPA - D	2	0
St. Pauls	WHPA - A	10	1
	WHPA - B	6	0
	WHPA - C	4	0
	WHPA - D	2	0
Stratford	WHPA - A	10	16
	WHPA - B	6	4
	WHPA - C	4	1
	WHPA - D	2	0
St. Marys	WHPA - A	10	7
	WHPA - B	6, 8, 10	21
	WHPA - C	4, 6	0
	WHPA - D	2, 4, 6	0
	WHPA - E	7.2	0

Table Error! No text of specified style in document.-9 Significant Threats in the Birr WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Pathogen	A
The application of non-agricultural source material to land	Pathogen	A
The handling and storage of fuel	Chemical	A
Number of occurrences of significant prescribed drinking water threats		25
Total number of locations of significant prescribed drinking water threats		13*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-10 Significant Threats in the Dorchester WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The application of agricultural source material to land	Pathogen	A, B
The storage of agricultural source material	Pathogen	A, B
The application of non-agricultural source material to land	Pathogen	A, B
The handling and storage of commercial fertilizer	Chemical	A, B
The application of pesticide to land	Chemical	A, B
The handling and storage of pesticide	Chemical	B
The handling and storage of fuel	Chemical	A, B
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Pathogen	A, B
Number of occurrences of significant prescribed drinking water threats		197
Total number of locations of significant prescribed drinking water threats		64*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-12 Significant Threats in the City of London-Fanshawe WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of pesticide to land	Chemical	A
The handling and storage of fuel	Chemical	A, B
Number of occurrences of significant prescribed drinking water threats		10
Total number of locations of significant prescribed drinking water threats		6*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-13 Significant Threats in the City of London-Hyde Park WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The handling and storage of fuel	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	C
Number of occurrences of significant prescribed drinking water threats		4

Total number of locations of significant prescribed drinking water threats	4*
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*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-14 Significant Threats in the Melrose WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The application of agricultural source material to land	Chemical	B
The application of non-agricultural source material to land	Chemical	B
The application of commercial fertilizer to land	Chemical	B
The handling and storage of fuel	Chemical	A, B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A
Number of occurrences of significant prescribed drinking water threats		55
Total number of locations of significant prescribed drinking water threats		26*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-15 Significant Threats in the Thorndale WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Pathogen	A
The application of non-agricultural source material to land	Pathogen	A
The handling and storage of commercial fertilizer	Chemical	A
The application of pesticide to land	Chemical	A
The handling and storage of pesticide	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	B
Number of occurrences of significant prescribed drinking water threats		20
Total number of locations of significant prescribed drinking water threats		7*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-16 Significant Threats in the Beachville WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	C

Number of occurrences of significant prescribed drinking water threats	7
Total number of locations of significant prescribed drinking water threats	7*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-17 Significant Threats in the Embro WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Pathogen	A
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Pathogen	A
The handling and storage of fuel	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B
Number of occurrences of significant prescribed drinking water threats		25
Total number of locations of significant prescribed drinking water threats		22*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-18 Significant Threats in the Hickson WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Pathogen	A
The application of agricultural source material to land	Chemical	A
The application of commercial fertilizer	Chemical	A
The application of pesticide to land	Chemical	A
Number of occurrences of significant prescribed drinking water threats		21
Total number of locations of significant prescribed drinking water threats		10*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-19 Significant Threats in the Ingersoll WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act	Chemical	A
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The application of agricultural source material to land	Chemical, Pathogen	A, B

The storage of agricultural source material	Chemical, Pathogen	B
The application of commercial fertilizer to land	Chemical	A, B
The application of pesticide to land	Chemical	B
The handling and storage of pesticide	Chemical	A, B
The handling and storage of fuel	Chemical	A, B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B, C
The handling and storage of an organic solvent	Chemical	A
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Chemical, Pathogen	A
Number of occurrences of significant prescribed drinking water threats		61
Total number of locations of significant prescribed drinking water threats		41*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-20 Significant Threats in the Innerkip WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The application of agricultural source material to land	Pathogen	A
The application of pesticide to land	Chemical	A
Number of occurrences of significant prescribed drinking water threats		3
Total number of locations of significant prescribed drinking water threats		2*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-21 Significant Threats in the Lakeside WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Chemical, Pathogen	A
The application of commercial fertilizer to land	Chemical	A
The application of pesticide to land	Chemical	A
Number of occurrences of significant prescribed drinking water threats		13
Total number of locations of significant prescribed drinking water threats		6*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-22 Significant Threats in the Mount Elgin WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act	Pathogen	A

The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Pathogen	A
The application of pesticide to land	Chemical	A
The handling and storage of fuel	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Pathogen	A
Number of occurrences of significant prescribed drinking water threats		34
Total number of locations of significant prescribed drinking water threats		17*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-23 Significant Threats in the Tavistock WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The handling and storage of fuel	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B, C
The handling and storage of an organic solvent	Chemical	A
Total number of occurrences of significant threats		19
Total number of locations of significant threats		15*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-24 Significant Threats in the Thamesford WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The application of agricultural source material to land	Pathogen	A, B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B
The application of pesticide to land	Chemical	A
Number of occurrences of significant prescribed drinking water threats		10
Total number of locations of significant prescribed drinking water threats		8*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-25 Significant Threats in the Woodstock WHPA (Urban well system)

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act	Chemical	A
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The handling and storage of fuel	Chemical	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B, C
Number of occurrences of significant prescribed drinking water threats		73
Total number of locations of significant prescribed drinking water threats		68*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-26 Significant Threats in the Woodstock WHPA (Rural well system)

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A, B
The application of agricultural source material to land	Chemical, Pathogen	A, B
The application of commercial fertilizer to land	Chemical	A
The application of pesticide to land	Chemical	A, B
The handling and storage of pesticides	Chemical	A, B
The handling and storage of fuel	Chemical	A, B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	B
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Chemical, Pathogen	B
Number of occurrences of significant prescribed drinking water threats		235
Total number of locations of significant prescribed drinking water threats		205*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-27 Significant Threats in the Mitchell WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Chemical, Pathogen	A
The handling and storage of fuel	Chemical	A, B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B
Number of occurrences of significant prescribed drinking water threats		10
Total number of locations of significant prescribed drinking water threats		7*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-28 Significant Threats in the Sebringville WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
None identified		
Number of occurrences of significant prescribed drinking water threats		0
Total number of locations of significant prescribed drinking water threats		0

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Pathogen	A
The application of agricultural source material to land	Chemical, Pathogen	A, B
The application of commercial fertilizer to land	Chemical	A, B
The application of pesticide to land	Chemical	A, B
Number of occurrences of significant prescribed drinking water threats		5
Total number of locations of significant prescribed drinking water threats		2*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-30 Significant Threats in the St. Marys WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The application of agricultural source material to land	Chemical, Pathogen	B
The storage of agricultural source material	Pathogen	B
The application of commercial fertilizer to land	Chemical	B
The handling and storage of commercial fertilizer	Chemical	B
The application of pesticide to land	Chemical	B

The handling and storage of fuel	Chemical	B
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Chemical, Pathogen	A, B
The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act	Chemical	B
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B
The handling and storage of an organic solvent	Chemical	A, B
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Pathogen	B
Total number of occurrences of significant threats		52
Total number of locations of significant threats		28*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-31 Significant Threats in the St. Pauls WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The application of agricultural source material to land	Chemical, Pathogen	A
The application of commercial fertilizer to land	Chemical	A
The application of pesticide to land	Chemical	A
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard	Chemical, Pathogen	A
Number of occurrences of significant prescribed drinking water threats		4
Total number of locations of significant prescribed drinking water threats		1*

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-32 Significant Threats in the Stratford WHPA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	WHPA
The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage	Chemical, Pathogen	A
The handling and storage of a dense non-aqueous phase liquid	DNAPL	A, B, C
The application of commercial fertilizer to land	Chemical	A
The handling and storage of commercial fertilizer	Chemical	A

The application of pesticide to land	Chemical	A
The handling and storage of pesticide	Chemical	A
Number of occurrences of significant prescribed drinking water threats		25
Total number of locations of significant prescribed drinking water threats		21*

*some parcels may have more than one activity occurring