

**PROVINCIAL TABLE 29 (CIPZWE6.4M): Chemicals in an IPZ or WHPA E where the vulnerability score is 6.4 where threats are moderate**

**The application of pesticide to land.**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
78	1.The area of land to which the pesticide is applied is more than 10 hectares.	Dicamba
82		MCPA (2-methyl-4-chlorophenoxyacetic acid )
84		Mecoprop

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Combined Sewer discharge from a stormwater outlet to surface water

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
264	1.The system is a combined sewer that may discharge sanitary sewage containing human waste to surface water other than by way of a designed bypass. 2.The combined sewer is part of a system that includes a wastewater treatment facility designed to discharge treated sanitary sewage at an average daily rate that is more than 50,000 cubic metres on an annual basis.	BTEX
265		Cadmium or one or more of its compounds containing Cadmium
267		Hexachlorobenzene
268		Lead or one or more of its compounds containing Lead
269		Mercury or one or more of its compounds containing Mercury
272		one or more Polychlorinated Biphenyls (PCBs)
275		Vinyl chloride or another DNAPL that could degrade to vinyl chloride

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Discharge Of Untreated Stormwater From A Stormwater Retention Pond

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
411	1.The system is a storm water management facility designed to discharge storm water to land or surface water. 2.The drainage area associated with the storm water management facility is more than 100 hectares and the predominant land use in the area is high density residential land use.	Arsenic or one or more of its compounds containing Arsenic
412		Cadmium or one or more of its compounds containing Cadmium
414		Chromium VI
417		Lead or one or more of its compounds containing Lead
418		Mecoprop
419		Mercury or one or more of its compounds containing Mercury
422		one or more Polycyclic Aromatic Hydrocarbons (PAHs)

A blank cell indicates the text is the same as previous cells

**PROVINCIAL TABLE 29 (CIPZWE6.4M): Chemicals in an IPZ or WHPA E where the vulnerability score is 6.4 where threats are moderate**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Discharge Of Untreated Stormwater From A Stormwater Retention Pond**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
487	1.The system is a storm water management facility designed to discharge storm water to land or surface water. 2.The drainage area associated with the storm water management facility is more than 100 hectares and the predominant land uses in the area are industrial or commercial.	Arsenic or one or more of its compounds containing Arsenic
488		Cadmium or one or more of its compounds containing Cadmium
490		Chromium VI
493		Lead or one or more of its compounds containing Lead
494		Mecoprop
495		Mercury or one or more of its compounds containing Mercury
496		Nickel or one or more of its compounds containing Nickel
498		one or more Polycyclic Aromatic Hydrocarbons (PAHs)
502		Petroleum Hydrocarbons F3 (>nC16-nC34)

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Industrial Effluent Discharges**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
570	1.The system discharges to surface water and has as its primary function the collection, transmission or treatment of industrial sewage. 2.The system is part of a facility for which the NPRI Notice requires a person to report and the report must include information in relation to a substance listed in Group 1, 2, 3 or 4 of Part 1 of Schedule 1 or Part 2 of Schedule 1 of the notice.	Arsenic or one or more of its compounds containing Arsenic
574		Bromomethane
575		BTEX
579		Cadmium or one or more of its compounds containing Cadmium
580		Carbon Tetrachloride
583		Chromium VI
586		Cyanide (CN-)
592		Hexachlorobenzene
593		Hexachlorobutadiene
594		Hexachloroethane
596		Hydroquinone
598		Lead or one or more of its compounds containing Lead

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**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Industrial Effluent Discharges**

Ref #	Circumstances	Chemical
600		Mercury or one or more of its compounds containing Mercury
604		Molybdenum
606		Nickel or one or more of its compounds containing Nickel
609		one or more Adsorbable Organic Halides (AOXs)
610		one or more Polycyclic Aromatic Hydrocarbons (PAHs)
611		Pentachlorobenzene
615		Petroleum Hydrocarbons F3 (>nC16-nC34)
618		Selenium or one or more of its compounds containing Selenium
619		Silver or one or more of its compounds containing Silver
623		Tetrachlorobenzene-1,2,4,5
627		Tritium
628		Vanadium
629		Vinyl chloride or another DNAPL that could degrade to vinyl chloride

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Sewage treatment plant bypass discharge to surface water**

Ref #	Circumstances	Chemical
771	1.The system is a wastewater treatment facility that may discharge sanitary sewage containing human waste to surface water by way of a designed bypass. 2.The wastewater treatment facility is designed to discharge treated sanitary sewage at an average daily rate that is more than 50,000 cubic metres on an annual basis.	BTEX
772		Cadmium or one or more of its compounds containing Cadmium
774		Hexachlorobenzene
775		Lead or one or more of its compounds containing Lead
776		Mercury or one or more of its compounds containing Mercury
779		one or more Polychlorinated Biphenyls (PCBs)

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**PROVINCIAL TABLE 29 (CIPZWE6.4M): Chemicals in an IPZ or WHPA E where the vulnerability score is 6.4 where threats are moderate**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.**

**Threat Subcategory: Sewage System Or Sewage Works - Sewage treatment plant bypass discharge to surface water**

Ref #	Circumstances	Chemical
782		Vinyl chloride or another DNAPL that could degrade to vinyl chloride

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.**

**Threat Subcategory: Sewage System Or Sewage Works - Sewage Treatment Plant Effluent Discharges (Includes Lagoons)**

Ref #	Circumstances	Chemical
880	1.The system is a wastewater treatment facility that discharges directly to land or surface water through a means other than a designed bypass. 2.The system is designed to discharge treated sanitary sewage at average daily rate that is more than 50,000 cubic metres on an annual basis.	Antimony or one or more of its compounds containing Antimony
881		Arsenic or one or more of its compounds containing Arsenic
883		BTEX
884		Cadmium or one or more of its compounds containing Cadmium
886		Chromium VI
888		Cyanide (CN-)
894		Lead or one or more of its compounds containing Lead
895		MCPA (2-methyl-4-chlorophenoxyacetic acid )
896		Mercury or one or more of its compounds containing Mercury
897		Nickel or one or more of its compounds containing Nickel
902		Silver or one or more of its compounds containing Silver

**The storage of snow.**

Ref #	Circumstances	Chemical
1514	1.The snow is stored at or above grade. 2.The area upon which snow is stored is more than 5 hectares.	Lead or one or more of its compounds containing Lead

**The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.**

**Threat Subcategory: Waste Disposal Site - Landfarming Of Petroleum Refining Waste**

Ref #	Circumstances	Chemical
1597	1.The land disposal of petroleum refining waste within the meaning of clause (d) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) R.R.O. 1990 made under the Environmental Protection Act, is undertaken at the site. 2.The area where the land disposal is undertaken is more than 10 hectares.	BTEX

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