

**The handling and storage of fuel.**

**Threat Subcategory: Handling Of Fuel**

Ref #	Circumstances	Chemical
112	1.The above grade handling of liquid fuel in relation to its storage at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The quantity of liquid fuel stored is not more than 25 litres.	BTEX
113		Petroleum Hydrocarbons F1 (nC6-nC10)
114		Petroleum Hydrocarbons F4 (>nC34)
115		Petroleum Hydrocarbons F2 (>nC10-nC16)
116		Petroleum Hydrocarbons F3 (>nC16-nC34)
118	1.The above grade handling of liquid fuel in relation to its storage at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The quantity of liquid fuel stored is not more than 25 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
119		Petroleum Hydrocarbons F4 (>nC34)
120		Petroleum Hydrocarbons F2 (>nC10-nC16)
121		Petroleum Hydrocarbons F3 (>nC16-nC34)
122	1.The below grade handling of liquid fuel in relation to its storage at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The quantity of liquid fuel stored is not more than 25 litres.	BTEX
127	1.The below grade handling of liquid fuel in relation to its storage at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The quantity of liquid fuel stored is not more than 25 litres.	
133	1.The above grade handling of liquid fuel in relation to its storage at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The quantity of liquid fuel stored is more than 25, but not more than 250 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
134		Petroleum Hydrocarbons F4 (>nC34)
135		Petroleum Hydrocarbons F2 (>nC10-nC16)
136		Petroleum Hydrocarbons F3 (>nC16-nC34)
142	1.The below grade handling of liquid fuel in relation to its storage at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The quantity of liquid fuel stored is more than 25, but not more than 250 litres.	BTEX
143		Petroleum Hydrocarbons F1 (nC6-nC10)
144		Petroleum Hydrocarbons F4 (>nC34)
145		Petroleum Hydrocarbons F2 (>nC10-nC16)
146		Petroleum Hydrocarbons F3 (>nC16-nC34)
147	1.The below grade handling of liquid fuel in relation to its storage at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The quantity of liquid fuel stored is more than 25, but not more than 250 litres.	BTEX

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The handling and storage of fuel.**

**Threat Subcategory: Handling Of Fuel**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
148		Petroleum Hydrocarbons F1 (nC6-nC10)
149		Petroleum Hydrocarbons F4 (>nC34)
150		Petroleum Hydrocarbons F2 (>nC10-nC16)
151		Petroleum Hydrocarbons F3 (>nC16-nC34)
163	1.The below grade handling of liquid fuel in relation to its storage at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The quantity of liquid fuel stored is more than 250, but not more than 2,500 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
164		Petroleum Hydrocarbons F4 (>nC34)
165		Petroleum Hydrocarbons F2 (>nC10-nC16)
166		Petroleum Hydrocarbons F3 (>nC16-nC34)
168	1.The below grade handling of liquid fuel in relation to its storage at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The quantity of liquid fuel stored is more than 250, but not more than 2,500 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
169		Petroleum Hydrocarbons F4 (>nC34)
170		Petroleum Hydrocarbons F2 (>nC10-nC16)
171		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 - Combined Sewer discharge from a stormwater outlet to surface water**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
214	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 not more than 500 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
224		Zinc or one or more of its compounds containing Zinc

**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>
277	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 not more than 1 hectare and the predominant land uses in the area are rural, agricultural, or low density residential.	Aluminum or one or more of its compounds containing Aluminum
280		Chloride
282		Copper or one or more of its compounds containing Copper

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**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**

Ref #	Circumstances	Chemical
283		Glyphosate
290		Petroleum Hydrocarbons F1 (nC6-nC10)
291		Petroleum Hydrocarbons F4 (>nC34)
292		Petroleum Hydrocarbons F2 (>nC10-nC16)
294		Phosphorus (total)
295		Zinc or one or more of its compounds containing Zinc

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Sanitary Sewers and related pipes**

Ref #	Circumstances	Chemical
643	1.The system is part of a wastewater collection facility that collects or transmits sewage containing human waste, but does not include a sewage storage tank or a designed bypass. 2.The system is designed to convey more than 250, but not more than 1,000 cubic metres of sewage per day.	BTEX
644		Cadmium or one or more of its compounds containing Cadmium
645		Copper or one or more of its compounds containing Copper
647		Hexachlorobenzene
648		Lead or one or more of its compounds containing Lead
649		Mercury or one or more of its compounds containing Mercury
650		Nitrogen
651		one or more Polychlorinated Biphenyls (PCBs)
652		one or more Polycyclic Aromatic Hydrocarbons (PAHs)
654		Phosphorus (total)
655		Zinc or one or more of its compounds containing Zinc
656	1.The system is part of a wastewater collection facility that collects or transmits sewage containing human waste, but does not include a sewage storage tank or a designed bypass. 2.The system is designed to convey more than 1,000, but not more than 10,000 cubic metres of sewage per day.	BTEX
657		Cadmium or one or more of its compounds containing Cadmium

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Sanitary Sewers and related pipes

Ref #	Circumstances	Chemical
658		Copper or one or more of its compounds containing Copper
659		Dichlorobenzidine-3,3'
660		Hexachlorobenzene
661		Lead or one or more of its compounds containing Lead
662		Mercury or one or more of its compounds containing Mercury
663		Nitrogen
664		one or more Polychlorinated Biphenyls (PCBs)
665		one or more Polycyclic Aromatic Hydrocarbons (PAHs)
666		Pentachlorophenol
667		Phosphorus (total)
668		Zinc or one or more of its compounds containing Zinc
671	1.The system is part of a wastewater collection facility that collects or transmits sewage containing human waste, but does not include a sewage storage tank or a designed bypass. 2.The system is designed to convey more than 10,000, but not more than 100,000 cubic metres of sewage per day.	Copper or one or more of its compounds containing Copper
672		Dichlorobenzidine-3,3'
679		Pentachlorophenol
680		Phosphorus (total)
681		Zinc or one or more of its compounds containing Zinc

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

Ref #	Circumstances	Chemical
695	1.The system is an earth pit privy, privy vault, greywater system, cesspool, or a leaching bed system and its associated treatment unit. 2.The system is subject to the Ontario Building Code Act, 1992.	Acetone
696		Chloride
697		Dichlorobenzene-1,4 (para)
699		Phosphorus (total)
700		Sodium

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

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

Ref #	Circumstances	Chemical
707	1.The system requires or uses a holding tank for the retention of hauled sewage at the site where it is produced before its collection by a hauled sewage system. 2.The system is subject to the Ontario Building Code Act, 1992.	Acetone
708		Chloride
709		Dichlorobenzene-1,4 (para)
711		Phosphorus (total)
712		Sodium

**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
721	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 not more than 500 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
731		Zinc or one or more of its compounds containing Zinc

**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
791	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 not more than 500 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
793		Dibutyl phthalate
794		Dichlorobenzene-1,2 (ortho)
795		Dichlorobenzene-1,4 (para)
797		Ethylene Glycol
804		Phenol (or its salts)
805		Phosphorus (total)
807		Zinc or one or more of its compounds containing Zinc

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)**

Ref #	Circumstances	Chemical
904	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is at or above grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is not more than 500 cubic metres on an annual basis.	BTEX

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)

Ref #	Circumstances	Chemical
905		Cadmium or one or more of its compounds containing Cadmium
906		Copper or one or more of its compounds containing Copper
907		Hexachlorobenzene
908		Lead or one or more of its compounds containing Lead
909		Mercury or one or more of its compounds containing Mercury
910		Nitrogen
911		Nitrosodimethylamine-N (NDMA)
912		one or more Polychlorinated Biphenyls (PCBs)
913		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
914		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
915		Zinc or one or more of its compounds containing Zinc
942	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is at or above grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 500 but not more than 2,500 cubic metres on an annual basis.	BTEX
943		Cadmium or one or more of its compounds containing Cadmium
944		Copper or one or more of its compounds containing Copper
945		Hexachlorobenzene
946		Lead or one or more of its compounds containing Lead
947		Mercury or one or more of its compounds containing Mercury
948		Nitrogen
949		Nitrosodimethylamine-N (NDMA)
950		one or more Polychlorinated Biphenyls (PCBs)
951		Pentachlorophenol

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)**

Ref #	Circumstances	Chemical
952		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
953		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
954		Zinc or one or more of its compounds containing Zinc
955	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 500 but not more than 2,500 cubic metres on an annual basis.	BTEX
956		Cadmium or one or more of its compounds containing Cadmium
957		Copper or one or more of its compounds containing Copper
958		Hexachlorobenzene
959		Lead or one or more of its compounds containing Lead
960		Mercury or one or more of its compounds containing Mercury
961		Nitrogen
962		Nitrosodimethylamine-N (NDMA)
963		one or more Polychlorinated Biphenyls (PCBs)
965		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
966		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
967		Zinc or one or more of its compounds containing Zinc
983	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is at or above grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 2,500 but not more than 17,500 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
990		Pentachlorophenol
993		Zinc or one or more of its compounds containing Zinc
994	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 2,500 but not more than 17,500 cubic metres on an annual basis.	BTEX

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)

Ref #	Circumstances	Chemical
995		Cadmium or one or more of its compounds containing Cadmium
996		Copper or one or more of its compounds containing Copper
997		Hexachlorobenzene
998		Lead or one or more of its compounds containing Lead
999		Mercury or one or more of its compounds containing Mercury
1000		Nitrogen
1001		Nitrosodimethylamine-N (NDMA)
1002		one or more Polychlorinated Biphenyls (PCBs)
1003		Pentachlorophenol
1004		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
1005		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
1006		Zinc or one or more of its compounds containing Zinc
1035	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste and is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 17,500 but not more than 50,000 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
1042		Pentachlorophenol
1045		Zinc or one or more of its compounds containing Zinc
929	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste, and a part of the tank, but not all, is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is not more than 500 cubic metres on an annual basis.	BTEX
930		Cadmium or one or more of its compounds containing Cadmium
931		Copper or one or more of its compounds containing Copper
932		Hexachlorobenzene
933		Lead or one or more of its compounds containing Lead

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.** Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)

Ref #	Circumstances	Chemical
934		Mercury or one or more of its compounds containing Mercury
935		Nitrogen
936		Nitrosodimethylamine-N (NDMA)
937		one or more Polychlorinated Biphenyls (PCBs)
939		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
940		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
941		Zinc or one or more of its compounds containing Zinc
968	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste, and a part of the tank, but not all, is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 500 but not more than 2,500 cubic metres on an annual basis.	BTEX
969		Cadmium or one or more of its compounds containing Cadmium
970		Copper or one or more of its compounds containing Copper
971		Hexachlorobenzene
972		Lead or one or more of its compounds containing Lead
973		Mercury or one or more of its compounds containing Mercury
974		Nitrogen
975		Nitrosodimethylamine-N (NDMA)
976		one or more Polychlorinated Biphenyls (PCBs)
977		Pentachlorophenol
978		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
979		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
980		Zinc or one or more of its compounds containing Zinc

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. Threat Subcategory: Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)**

Ref #	Circumstances	Chemical
1009	1.The system is a treatment tank or storage tank that is part of a sewage works within the meaning of the Ontario Water Resources Act, the tank treats or stores sanitary sewage containing human waste, and a part of the tank, but not all, is below grade. 2.The system is associated with a wastewater treatment facility that is designed to discharge treated sanitary sewage at an average daily rate that is more than 2,500 but not more than 17,500 cubic metres on an annual basis.	Copper or one or more of its compounds containing Copper
1016		Pentachlorophenol
1019		Zinc or one or more of its compounds containing Zinc

**The handling and storage of pesticide. Threat Subcategory: Storage Of A Pesticide**

Ref #	Circumstances	Chemical
1113	1.A pesticide is stored at a facility where it is manufactured or processed, or from which it is wholesaled, excluding storage related solely to retail sale or for use in extermination within the meaning of the Pesticides Act. 2.The total mass of all materials stored that contain the pesticide, in any form including liquid or solid, is not more than 25 kilograms.	Atrazine
1114		Dicamba
1115		Dichlorophenoxy Acetic Acid (D-2,4)
1116		Dichloropropene-1,3
1117		Glyphosate
1118		MCPA (2-methyl-4-chlorophenoxyacetic acid )
1119		MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid )
1120		Mecoprop
1121		Metalaxyl
1122		Metolachlor or s-Metolachlor
1123		Pendimethalin
1127	1.A pesticide is stored for retail sale or for use in extermination within the meaning of the Pesticides Act. 2.The total mass of all materials stored that contain the pesticide, in any form including liquid or solid, is not more than 25 kilograms.	Dichloropropene-1,3
1128		Glyphosate
1130		MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid )
1132		Metalaxyl
1133		Metolachlor or s-Metolachlor
1134		Pendimethalin
1138	1.A pesticide is stored at a facility where it is manufactured or processed, or from which it is wholesaled, excluding storage related solely to retail sale or for use in extermination within the meaning of the Pesticides Act. 2.The total mass of all materials stored that contain the pesticide, in any form including liquid or solid, is more than 25 but not more than 250 kilograms.	Dichloropropene-1,3
1139		Glyphosate

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low****The handling and storage of pesticide.****Threat Subcategory: Storage Of A Pesticide**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1141		MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid )
1143		Metalaxyl
1144		Metolachlor or s-Metolachlor
1145		Pendimethalin

**The storage of agricultural source material.**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1205	1.The agricultural source material is stored below grade in or on a permanent nutrient storage facility. 2.The weight or volume of manure stored annually on a farm unit is sufficient to annually land apply agricultural source material at a rate that is not more than 0.5 nutrient units per acre of the farm units.	Nitrogen
1206		Phosphorus (total)
1214	1.The agricultural source material is stored below grade in or on a permanent nutrient storage facility. 2.The weight or volume of manure stored annually on a farm unit is sufficient to annually land apply agricultural source material at a rate that is more than 0.5, but not more than 1.0 nutrient unit per acre of the farm units.	Phosphorus (total)

**The handling and storage of an organic solvent.****Threat Subcategory: Storage Of An Organic Solvent**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1227	1.The organic solvent is stored in a container at or above grade. 2.The quantity of organic solvent stored is not more than 25 litres.	Methylene Chloride (Dichloromethane)
1228		Pentachlorophenol
1229	1.The organic solvent is stored in a container that is located below grade. 2.The quantity of organic solvent stored is not more than 25 litres.	Carbon Tetrachloride
1230		Chloroform
1231		Methylene Chloride (Dichloromethane)
1235	1.The organic solvent is stored in a container a part of which, but not all, is below grade. 2.The quantity of organic solvent stored is not more than 25 litres.	
1236		Pentachlorophenol
1241	1.The organic solvent is stored in a container that is located below grade. 2.The quantity of organic solvent stored is more than 25, but not more than 250 litres.	Carbon Tetrachloride
1242		Chloroform
1243		Methylene Chloride (Dichloromethane)
1244		Pentachlorophenol
1255	1.The organic solvent is stored in a container that is located below grade. 2.The quantity of organic solvent stored is more than 250, but not more than 2,500 litres.	Methylene Chloride (Dichloromethane)
1256		Pentachlorophenol

**The handling and storage of commercial fertilizer.****Threat Subcategory: Storage Of Commercial Fertilizer**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
--------------	----------------------	-----------------

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

Ref #	Circumstances	Chemical
1273	1.The commercial fertilizer is stored at a facility where it is manufactured or processed, or from which it is wholesaled, excluding storage related solely to retail sale or in relation to the application of the fertilizer. 2.The total mass of all materials stored that contain the commercial fertilizer, in any form including liquid or solid, is not more than 25 kilograms.	Nitrogen
1274		Phosphorus (total)
1276	1.The commercial fertilizer is stored for retail sale or in relation to its application. 2.The total mass of all materials stored that contain the commercial fertilizer, in any form including liquid or solid, is not more than 25 kilograms.	
1278	1.The commercial fertilizer is stored at a facility where it is manufactured or processed, or from which it is wholesaled, excluding storage related solely to retail sale or in relation to the application of the fertilizer. 2.The total mass of all materials stored that contain the commercial fertilizer, in any form including liquid or solid, is more than 25 but not more than 250 kilograms.	Phosphorus (total)

**The handling and storage of fuel.**

**Threat Subcategory: Storage Of Fuel**

Ref #	Circumstances	Chemical
1289	1.The storage of liquid fuel in a tank at or above grade at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is not more than 25 litres.	BTEX
1290		Petroleum Hydrocarbons F1 (nC6-nC10)
1291		Petroleum Hydrocarbons F4 (>nC34)
1292		Petroleum Hydrocarbons F2 (>nC10-nC16)
1293		Petroleum Hydrocarbons F3 (>nC16-nC34)
1295	1.The storage of liquid fuel in a tank at or above grade at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The fuel is stored in a quantity that is not more than 25 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1296		Petroleum Hydrocarbons F4 (>nC34)
1297		Petroleum Hydrocarbons F2 (>nC10-nC16)
1298		Petroleum Hydrocarbons F3 (>nC16-nC34)
1299	1.The storage of liquid fuel in a tank below grade and at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The fuel is stored in a quantity that is not more than 25 litres.	BTEX
1304	1.The storage of liquid fuel in a tank below grade at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is not more than 25 litres.	
1320	1.The storage of liquid fuel in a tank at or above grade at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is more than 25, but not more than 250 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1321		Petroleum Hydrocarbons F4 (>nC34)
1322		Petroleum Hydrocarbons F2 (>nC10-nC16)
1323		Petroleum Hydrocarbons F3 (>nC16-nC34)
1329	1.The storage of liquid fuel in a tank below grade and at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The fuel is stored in a quantity that is more than 25, but not more than 250 litres.	BTEX

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The handling and storage of fuel.**

**Threat Subcategory: Storage Of Fuel**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1330		Petroleum Hydrocarbons F1 (nC6-nC10)
1331		Petroleum Hydrocarbons F4 (>nC34)
1332		Petroleum Hydrocarbons F2 (>nC10-nC16)
1333		Petroleum Hydrocarbons F3 (>nC16-nC34)
1334	1.The storage of liquid fuel in a tank below grade at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is more than 25, but not more than 250 litres.	BTEX
1335		Petroleum Hydrocarbons F1 (nC6-nC10)
1336		Petroleum Hydrocarbons F4 (>nC34)
1337		Petroleum Hydrocarbons F2 (>nC10-nC16)
1338		Petroleum Hydrocarbons F3 (>nC16-nC34)
1360	1.The storage of liquid fuel in a tank below grade and at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The fuel is stored in a quantity that is more than 250, but not more than 2,500 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1361		Petroleum Hydrocarbons F4 (>nC34)
1362		Petroleum Hydrocarbons F2 (>nC10-nC16)
1363		Petroleum Hydrocarbons F3 (>nC16-nC34)
1365	1.The storage of liquid fuel in a tank below grade at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is more than 250, but not more than 2,500 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1366		Petroleum Hydrocarbons F4 (>nC34)
1367		Petroleum Hydrocarbons F2 (>nC10-nC16)
1368		Petroleum Hydrocarbons F3 (>nC16-nC34)
1310	1.The storage of liquid fuel in a tank, a part of which, but not all, is below grade at a facility as defined in section 1 of O. Reg. 213/01 (Fuel Oil) made under the Technical Standards and Safety Act, 2000 or a facility as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, but not including a bulk plant. 2.The fuel is stored in a quantity that is not more than 25 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1311		Petroleum Hydrocarbons F4 (>nC34)
1312		Petroleum Hydrocarbons F2 (>nC10-nC16)
1313		Petroleum Hydrocarbons F3 (>nC16-nC34)

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low****The handling and storage of fuel.****Threat Subcategory: Storage Of Fuel**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1314	1.The storage of liquid fuel in a tank, a part of which, but not all, is below grade and at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is not more than 25 litres.	BTEX
1315		Petroleum Hydrocarbons F1 (nC6-nC10)
1316		Petroleum Hydrocarbons F4 (>nC34)
1317		Petroleum Hydrocarbons F2 (>nC10-nC16)
1318		Petroleum Hydrocarbons F3 (>nC16-nC34)
1345	1.The storage of liquid fuel in a tank, a part of which, but not all, is below grade and at a bulk plant as defined in section 1 of O. Reg. 217/01 (Liquid Fuels) made under the Technical Standards and Safety Act, 2000, or a facility that manufacturers or refines fuel. 2.The fuel is stored in a quantity that is more than 25, but not more than 250 litres.	Petroleum Hydrocarbons F1 (nC6-nC10)
1346		Petroleum Hydrocarbons F4 (>nC34)
1347		Petroleum Hydrocarbons F2 (>nC10-nC16)
1348		Petroleum Hydrocarbons F3 (>nC16-nC34)

**The handling and storage of non-agricultural source material.****Threat Subcategory: Storage of Non-Agricultural Source Material (NASM)**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1413	1.The non-agricultural source material is stored below grade in or on a permanent nutrient storage facility. 2.The mass of nitrogen in the non-agricultural source material stored is less than 0.5 tonnes.	Nitrogen
1414		Phosphorus (total)
1422	1.The non-agricultural source material is stored below grade in or on a permanent nutrient storage facility. 2.The mass of nitrogen in the non-agricultural source material stored is at least 0.5 tonnes but not more than 5 tonnes.	Phosphorus (total)

**The handling and storage of road salt.**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1435	1.The storage of road salt in a salt dome or similar facility designed to protect the road salt from exposure to precipitation or runoff from precipitation or snow melt. 2.The quantity stored is less than 500 tonnes.	Chloride
1436		Sodium

**The storage of snow.**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1456	1.The snow is stored below grade. 2.The area upon which snow is stored is at least 0.01, but not more than 0.5 hectares.	Chloride
1457		Copper or one or more of its compounds containing Copper
1458		Cyanide (CN-)
1459		Lead or one or more of its compounds containing Lead

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The storage of snow.**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1460		Nitrogen
1461		Petroleum Hydrocarbons F1 (nC6-nC10)
1462		Petroleum Hydrocarbons F4 (>nC34)
1463		Petroleum Hydrocarbons F2 (>nC10-nC16)
1464		Petroleum Hydrocarbons F3 (>nC16-nC34)
1465		Sodium
1466		Zinc or one or more of its compounds containing Zinc
1478	1.The snow is stored below grade. 2.The area upon which snow is stored is more than 0.5, but not more than 1 hectares.	Chloride
1479		Copper or one or more of its compounds containing Copper
1483		Petroleum Hydrocarbons F1 (nC6-nC10)
1484		Petroleum Hydrocarbons F4 (>nC34)
1485		Petroleum Hydrocarbons F2 (>nC10-nC16)
1486		Petroleum Hydrocarbons F3 (>nC16-nC34)
1487		Sodium
1488		Zinc or one or more of its compounds containing Zinc
1506	1.The snow is stored below grade. 2.The area upon which snow is stored is more than 1, but not more than 5 hectares.	Petroleum Hydrocarbons F4 (>nC34)
1507		Petroleum Hydrocarbons F2 (>nC10-nC16)
1508		Petroleum Hydrocarbons F3 (>nC16-nC34)

**The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.** Threat Subcategory: Storage, Treatment And Discharge Of Tailings From Mines

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1536	1.Tailings from mining operations are stored in a pit. 2.The site is not part of a facility for which the NPRI Notice requires a person to report.	Copper or one or more of its compounds containing Copper
1537		Cyanide (CN-)
1540		Nickel or one or more of its compounds containing Nickel

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act. Threat Subcategory: Storage, Treatment And Discharge Of Tailings From Mines**

Ref #	Circumstances	Chemical
1541		Nitrogen
1542		Phosphorus (total)
1543		Silver or one or more of its compounds containing Silver
1544		Sulphide (Hydrogen)
1545		Zinc or one or more of its compounds containing Zinc

**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 - Liquid Industrial Waste Injection into a well**

Ref #	Circumstances	Chemical
1711	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is not more than 380 cubic metres per year.	Arsenic or one or more of its compounds containing Arsenic
1712		Atrazine
1713		Barium
1716		BTEX
1717		Cadmium or one or more of its compounds containing Cadmium
1718		Carbofuran
1720		Copper or one or more of its compounds containing Copper
1721		Cyanide (CN-)
1723		Dichlorobenzene-1,4 (para)
1724		Hexachlorobenzene
1726		Lead or one or more of its compounds containing Lead
1727		Mercury or one or more of its compounds containing Mercury
1728		one or more Polychlorinated Biphenyls (PCBs)
1729		Oxamyl
1730		Trichlorobenzene-1,2,4
1731		Trichloroethane-1,1,1

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**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 - Liquid Industrial Waste Injection into a well**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1732		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
1733		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
1734		Zinc or one or more of its compounds containing Zinc
1735	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 380 but not more than 3,800 cubic metres per year.	Arsenic or one or more of its compounds containing Arsenic
1736		Atrazine
1737		Barium
1739		Bis(2-ethylhexyl) phthalate
1740		BTEX
1741		Cadmium or one or more of its compounds containing Cadmium
1742		Carbofuran
1743		Chlorobenzene
1744		Copper or one or more of its compounds containing Copper
1745		Cyanide (CN-)
1746		Dichlorobenzene-1,2 (ortho)
1747		Dichlorobenzene-1,4 (para)
1748		Hexachlorobenzene
1749		Hexachlorocyclopentadiene
1750		Lead or one or more of its compounds containing Lead
1751		Mercury or one or more of its compounds containing Mercury
1752		one or more Polychlorinated Biphenyls (PCBs)
1753		Oxamyl
1754		Trichlorobenzene-1,2,4
1755		Trichloroethane-1,1,1
1756		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**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 - Liquid Industrial Waste Injection into a well**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1757		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
1758		Zinc or one or more of its compounds containing Zinc
1759	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 3,800 but not more than 38,000 cubic metres per year.	Arsenic or one or more of its compounds containing Arsenic
1760		Atrazine
1761		Barium
1762		Bis(2-ethylhexyl) adipate
1763		Bis(2-ethylhexyl) phthalate
1764		BTEX
1765		Cadmium or one or more of its compounds containing Cadmium
1766		Carbofuran
1767		Chlorobenzene
1768		Copper or one or more of its compounds containing Copper
1769		Cyanide (CN-)
1770		Dichlorobenzene-1,2 (ortho)
1771		Dichlorobenzene-1,4 (para)
1772		Hexachlorobenzene
1773		Hexachlorocyclopentadiene
1774		Lead or one or more of its compounds containing Lead
1775		Mercury or one or more of its compounds containing Mercury
1776		one or more Polychlorinated Biphenyls (PCBs)
1777		Oxamyl
1778		Trichlorobenzene-1,2,4
1779		Trichloroethane-1,1,1
1780		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low**

**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 - Liquid Industrial Waste Injection into a well**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1781		Vinyl chloride or another DNAPL that could degrade to vinyl chloride
1782		Zinc or one or more of its compounds containing Zinc
1784	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 38,000 but not more than 380,000 cubic metres per year.	Atrazine
1785		Barium
1786		Bis(2-ethylhexyl) adipate
1787		Bis(2-ethylhexyl) phthalate
1788		BTEX
1790		Carbofuran
1791		Chlorobenzene
1792		Copper or one or more of its compounds containing Copper
1793		Cyanide (CN-)
1794		Dichlorobenzene-1,2 (ortho)
1795		Dichlorobenzene-1,4 (para)
1796		Hexachlorobenzene
1797		Hexachlorocyclopentadiene
1798		Lead or one or more of its compounds containing Lead
1800		one or more Polychlorinated Biphenyls (PCBs)
1801		Oxamyl
1802		Trichlorobenzene-1,2,4
1803		Trichloroethane-1,1,1
1804		Trichloroethylene or another DNAPL that could degrade to Trichloroethylene
1806		Zinc or one or more of its compounds containing Zinc
1809	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 380,000 but not more than 3,800,000 cubic metres per year.	Barium
1810		Bis(2-ethylhexyl) adipate
1811		Bis(2-ethylhexyl) phthalate

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

**PROVINCIAL TABLE 31 (CIPZWE10L): Chemicals in an IPZ with a vulnerability of 10 where threats are low****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 - Liquid Industrial Waste Injection into a well**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1814		Carbofuran
1815		Chlorobenzene
1816		Copper or one or more of its compounds containing Copper
1818		Dichlorobenzene-1,2 (ortho)
1819		Dichlorobenzene-1,4 (para)
1821		Hexachlorocyclopentadiene
1826		Trichlorobenzene-1,2,4
1827		Trichloroethane-1,1,1
1830		Zinc or one or more of its compounds containing Zinc
1834	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 3,800,000 but not more than 38,000,000 cubic metres per year.	Bis(2-ethylhexyl) adipate
1835		Bis(2-ethylhexyl) phthalate
1842		Dichlorobenzene-1,2 (ortho)
1845		Hexachlorocyclopentadiene
1858	1.The land disposal of liquid industrial waste within the meaning of clause (c) of the definition of "land disposal" in section 1 of Regulation 347 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The combined rate of discharge of all wells located at the site is more than 38,000,000 cubic metres per year.	Bis(2-ethylhexyl) adipate

**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 - Storage of wastes described in clauses (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste**

<b>Ref #</b>	<b>Circumstances</b>	<b>Chemical</b>
1925	1. A site that is not approved to accept hazardous waste or liquid industrial waste but accepts a waste described in clause (p), (q), (r), (s), (t) or (u) of the definition of hazardous waste as defined in Regulation 347 (General - Waste Management) made under the Environmental Protection Act, or in clause (d) of the definition of liquid industrial waste in that regulation, and stores the waste below grade.	Barium