# PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

## The application of agricultural source material to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 2 | | Phosphorus (total) |
| 3 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |
| 4 | | Phosphorus (total) |
| 5 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is more than 1.0 nutrient units per acre. | Nitrogen |
| 6 | | Phosphorus (total) |
| 7 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 8 | | Phosphorus (total) |
| 9 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |
| 10 | | Phosphorus (total) |
| 13 | 1.The agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is than 0.5 nutrient units per acre. | Nitrogen |
| 14 | | Phosphorus (total) |

## The application of commercial fertilizer to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 19 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is than 0.5 nutrient units per acre. | Nitrogen |
| 20 | | Phosphorus (total) |
| 21 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |
| 22 | | Phosphorus (total) |
| 23 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is more than 1.0 nutrient units per acre. | Nitrogen |
| 24 | | Phosphorus (total) |
| 25 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 26 | | Phosphorus (total) |
| 27 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |

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# PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

## The application of commercial fertilizer to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 28 | | Phosphorus (total) |
| 31 | 1.The commercial fertilizer is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 32 | | Phosphorus (total) |

## The application of non-agricultural source material to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 37 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 38 | | Phosphorus (total) |
| 39 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |
| 40 | | Phosphorus (total) |
| 41 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is less than 40% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is more than 1.0 nutrient units per acre. | Nitrogen |
| 42 | | Phosphorus (total) |
| 43 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 44 | | Phosphorus (total) |
| 45 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is at least 40%, but not more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is at least 0.5 nutrient units per acre but not more than 1.0 nutrient unit per acre. | Nitrogen |
| 46 | | Phosphorus (total) |
| 49 | 1.The non-agricultural source material is applied to land located in a vulnerable area, where the managed land map shows a managed land percentage for the applicable area that is more than 80% and the livestock density map shows a livestock density for the applicable area that is sufficient to annually apply agricultural source material at a rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 50 | | Phosphorus (total) |

## The application of pesticide to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 55 | 1.The area of land to which the pesticide is applied is less than 1 hectare. | Atrazine |
| 56 | | Dicamba |
| 57 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 58 | | Dichloropropene-1,3 |
| 59 | | Glyphosate |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The application of pesticide to land.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 60 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 61 | | MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid ) |
| 62 | | Mecoprop |
| 63 | | Metalaxyl |
| 64 | | Metolachlor or s-Metolachlor |
| 65 | | Pendimethalin |
| 66 | 1.The area of land to which the pesticide is applied is at least 1 hectare, but not more than 10 hectares. | Atrazine |
| 67 | | Dicamba |
| 68 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 69 | | Dichloropropene-1,3 |
| 70 | | Glyphosate |
| 72 | | MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid ) |
| 74 | | Metalaxyl |
| 75 | | Metolachlor or s-Metolachlor |
| 76 | | Pendimethalin |
| 81 | 1.The area of land to which the pesticide is applied is more than 10 hectares. | Glyphosate |
| 86 | | Metolachlor or s-Metolachlor |
| 87 | | Pendimethalin |

### The application of road salt.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 88 | 1.The road salt is applied in an area where the percentage of total impervious surface area, as set out on a total impervious surface area map, is not more than 1 percent. | Chloride |
| 89 | | Sodium |
| 90 | 1.The road salt is applied in an area where the percentage of total impervious surface area, as set out on a total impervious surface area map, is more than 1, but not more than 8 percent. | Chloride |
| 91 | | Sodium |
| 92 | 1.The road salt is applied in an area where the percentage of total impervious surface area, as set out on a total impervious surface area map, is more than 8, but less than 80 percent. | Chloride |
| 93 | | Sodium |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

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

**Threat Subcategory: Application Of Untreated Septage To Land**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 96 | 1.The application of hauled sewage to land. 2.The application area is less than 1 hectare. | Nitrogen |
| 97 | | Phosphorus (total) |
| 98 | 1.The application of hauled sewage to land. 2.The application area is at least 1, but not more than 10 hectares. | Nitrogen |
| 99 | | Phosphorus (total) |

### The handling and storage of a dense non-aqueous phase liquid.

**Threat Subcategory: Handling Of A Dense Non Aqueous Phase Liquid (DNAPL)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 102 | 1. The below grade handling of a DNAPL in relation to its storage. | Dioxane-1,4 |
| 103 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 104 | | Tetrachloroethylene (PCE) |
| 105 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 106 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 107 | 1. The above grade handling of a DNAPL in relation to its storage. | Dioxane-1,4 |
| 108 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 109 | | Tetrachloroethylene (PCE) |
| 110 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 111 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

### The handling and storage of fuel.

**Threat Subcategory: Handling Of Fuel**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 137 | 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 more than 25, but not more than 250 litres. | BTEX |
| 152 | 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 250, but not more than 2,500 litres. | BTEX |
| 157 | 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 more than 250, but not more than 2,500 litres. | |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The handling and storage of fuel. — Threat Subcategory: Handling Of Fuel

| Ref # | Circumstances | Chemical |
|---|---|---|
| 158 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 159 | | Petroleum Hydrocarbons F4 (>nC34) |
| 160 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 161 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 172 | 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 2,500 litres. | BTEX |
| 173 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 174 | | Petroleum Hydrocarbons F4 (>nC34) |
| 175 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 176 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 177 | 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 more than 2,500 litres. | BTEX |
| 178 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 179 | | Petroleum Hydrocarbons F4 (>nC34) |
| 180 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 181 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 182 | 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 2,500 litres. | BTEX |
| 187 | 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 2,500 litres. | |

### The management of runoff that contains chemicals used in the de-icing of aircraft.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 192 | 1.Runoff containing de-icing materials may discharge to land or water. 2.The runoff originates at a remote airport. | Dioxane-1,4 |
| 194 | 1.Runoff containing de-icing materials may discharge to land or water. 2.The runoff originates at a small airport. | Dioxane-1,4 |
| 195 | | Ethylene Glycol |
| 196 | 1.Runoff containing de-icing materials may discharge to land or water. 2.The runoff originates at a regional airport. | Dioxane-1,4 |
| 197 | | Ethylene Glycol |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. O. Reg. 385/08, s. 3.

### Threat Subcategory: Management Or Handling Of Agricultural Source Material - Agricultural Source Material (ASM) Generation (Grazing and pasturing)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 200 | 1.The use of land as livestock grazing or pasturing land. 2.The number of nutrient units generated in the farm unit divided by the number of acres of land that is used for livestock grazing or pasturing land is sufficient to generate nutrients at an annual rate that is less than 0.5 nutrient units per acre. | Nitrogen |
| 201 | | Phosphorus (total) |
| 202 | 1.The use of land as livestock grazing or pasturing land. 2.The number of nutrient units generated in the farm unit divided by the number of acres of land that is used for livestock grazing or pasturing land is sufficient to generate nutrients at an annual rate that is at least 0.5 and not more than 1 nutrient unit per acre. | Nitrogen |
| 203 | | Phosphorus (total) |

### The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. O. Reg. 385/08, s. 3.

### Threat Subcategory: Management Or Handling Of Agricultural Source Material - Agricultural Source Material (ASM) Generation (Yards or confinement)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 206 | 1.The use of land as an outdoor confinement area or a farm-animal yard. 2.The number of animals confined in the area at any time is sufficient to generate agricultural source material at a rate of less than 120 nutrient units per hectares of the area annually. | Nitrogen |
| 207 | | Phosphorus (total) |
| 208 | 1.The use of land as an outdoor confinement area or a farm-animal yard. 2.The number of animals confined in the area at any time is sufficient to generate agricultural source material at a rate of at least 120 nutrient units and not more than 300 nutrient units per hectares of the area annually. | Nitrogen |
| 209 | | Phosphorus (total) |

### 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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 217 | 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. | Mercury or one or more of its compounds containing Mercury |
| 220 | | one or more Polychlorinated Biphenyls (PCBs) |
| 225 | 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 500 but not more than 2,500 cubic metres on an annual basis. | BTEX |
| 226 | | Cadmium or one or more of its compounds containing Cadmium |
| 227 | | Copper or one or more of its compounds containing Copper |
| 228 | | Hexachlorobenzene |
| 229 | | Lead or one or more of its compounds containing Lead |
| 230 | | Mercury or one or more of its compounds containing Mercury |
| 231 | | Nitrogen |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Combined Sewer discharge from a stormwater outlet to surface water**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 232 | | Nitrosodimethylamine-N (NDMA) |
| 233 | | one or more Polychlorinated Biphenyls (PCBs) |
| 234 | | Pentachlorophenol |
| 235 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 236 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 237 | | Zinc or one or more of its compounds containing Zinc |
| 238 | 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 2,500 but not more than 17,500 cubic metres on an annual basis. | BTEX |
| 239 | | Cadmium or one or more of its compounds containing Cadmium |
| 240 | | Copper or one or more of its compounds containing Copper |
| 241 | | Hexachlorobenzene |
| 242 | | Lead or one or more of its compounds containing Lead |
| 243 | | Mercury or one or more of its compounds containing Mercury |
| 244 | | Nitrogen |
| 245 | | Nitrosodimethylamine-N (NDMA) |
| 246 | | one or more Polychlorinated Biphenyls (PCBs) |
| 247 | | Pentachlorophenol |
| 248 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 249 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 250 | | Zinc or one or more of its compounds containing Zinc |
| 251 | 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 17,500 but not more than 50,000 cubic metres on an annual basis. | BTEX |
| 253 | | Copper or one or more of its compounds containing Copper |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Combined Sewer discharge from a stormwater outlet to surface water**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 254 | | Hexachlorobenzene |
| 257 | | Nitrogen |
| 258 | | Nitrosodimethylamine-N (NDMA) |
| 260 | | Pentachlorophenol |
| 261 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 262 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 263 | | 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 278 | 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. | Arsenic or one or more of its compounds containing Arsenic |
| 286 | | Mercury or one or more of its compounds containing Mercury |
| 296 | 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 1 but not more than 10 hectares 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 |
| 297 | | Arsenic or one or more of its compounds containing Arsenic |
| 298 | | Cadmium or one or more of its compounds containing Cadmium |
| 299 | | Chloride |
| 300 | | Chromium VI |
| 301 | | Copper or one or more of its compounds containing Copper |
| 303 | | Lead or one or more of its compounds containing Lead |
| 304 | | Mecoprop |
| 305 | | Mercury or one or more of its compounds containing Mercury |
| 306 | | Nickel or one or more of its compounds containing Nickel |
| 307 | | Nitrogen |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 308 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 312 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 313 | | Phosphorus (total) |
| 314 | | Zinc or one or more of its compounds containing Zinc |
| 315 | 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 10 but not more than 100 hectares 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 |
| 316 | | Arsenic or one or more of its compounds containing Arsenic |
| 317 | | Cadmium or one or more of its compounds containing Cadmium |
| 318 | | Chloride |
| 319 | | Chromium VI |
| 320 | | Copper or one or more of its compounds containing Copper |
| 321 | | Glyphosate |
| 322 | | Lead or one or more of its compounds containing Lead |
| 323 | | Mecoprop |
| 324 | | Mercury or one or more of its compounds containing Mercury |
| 325 | | Nickel or one or more of its compounds containing Nickel |
| 326 | | Nitrogen |
| 327 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 328 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 329 | | Petroleum Hydrocarbons F4 (>nC34) |
| 330 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 331 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 332 | | Phosphorus (total) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 333 | | Zinc or one or more of its compounds containing Zinc |
| 334 | 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 rural, agricultural, or low density residential. | Aluminum or one or more of its compounds containing Aluminum |
| 337 | | Chloride |
| 339 | | Copper or one or more of its compounds containing Copper |
| 340 | | Glyphosate |
| 344 | | Nickel or one or more of its compounds containing Nickel |
| 345 | | Nitrogen |
| 347 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 348 | | Petroleum Hydrocarbons F4 (>nC34) |
| 349 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 350 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 351 | | Phosphorus (total) |
| 352 | | Zinc or one or more of its compounds containing Zinc |
| 354 | 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 use in the area is high density residential land use. | Arsenic or one or more of its compounds containing Arsenic |
| 355 | | Cadmium or one or more of its compounds containing Cadmium |
| 357 | | Chromium VI |
| 360 | | Lead or one or more of its compounds containing Lead |
| 361 | | Mecoprop |
| 362 | | Mercury or one or more of its compounds containing Mercury |
| 365 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 372 | 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 1 but not more than 10 hectares and the predominant land use in the area is high density residential land use. | Aluminum or one or more of its compounds containing Aluminum |
| 373 | | Arsenic or one or more of its compounds containing Arsenic |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 374 | | Cadmium or one or more of its compounds containing Cadmium |
| 375 | | Chloride |
| 376 | | Chromium VI |
| 377 | | Copper or one or more of its compounds containing Copper |
| 378 | | Glyphosate |
| 379 | | Lead or one or more of its compounds containing Lead |
| 380 | | Mecoprop |
| 381 | | Mercury or one or more of its compounds containing Mercury |
| 382 | | Nickel or one or more of its compounds containing Nickel |
| 383 | | Nitrogen |
| 384 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 385 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 386 | | Petroleum Hydrocarbons F4 (>nC34) |
| 387 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 388 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 389 | | Phosphorus (total) |
| 390 | | Zinc or one or more of its compounds containing Zinc |
| 391 | 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 10 but not more than 100 hectares and the predominant land use in the area is high density residential land use. | Aluminum or one or more of its compounds containing Aluminum |
| 392 | | Arsenic or one or more of its compounds containing Arsenic |
| 393 | | Cadmium or one or more of its compounds containing Cadmium |
| 394 | | Chloride |
| 395 | | Chromium VI |
| 396 | | Copper or one or more of its compounds containing Copper |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 397 | | Glyphosate |
| 398 | | Lead or one or more of its compounds containing Lead |
| 399 | | Mecoprop |
| 400 | | Mercury or one or more of its compounds containing Mercury |
| 401 | | Nickel or one or more of its compounds containing Nickel |
| 402 | | Nitrogen |
| 403 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 404 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 405 | | Petroleum Hydrocarbons F4 (>nC34) |
| 406 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 407 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 408 | | Phosphorus (total) |
| 409 | | Zinc or one or more of its compounds containing Zinc |
| 410 | 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. | Aluminum or one or more of its compounds containing Aluminum |
| 413 | | Chloride |
| 415 | | Copper or one or more of its compounds containing Copper |
| 416 | | Glyphosate |
| 421 | | Nitrogen |
| 423 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 424 | | Petroleum Hydrocarbons F4 (>nC34) |
| 425 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 427 | | Phosphorus (total) |
| 428 | | Zinc or one or more of its compounds containing Zinc |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 429 | 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 industrial or commercial. | Aluminum or one or more of its compounds containing Aluminum |
| 430 | | Arsenic or one or more of its compounds containing Arsenic |
| 431 | | Cadmium or one or more of its compounds containing Cadmium |
| 432 | | Chloride |
| 433 | | Chromium VI |
| 434 | | Copper or one or more of its compounds containing Copper |
| 436 | | Lead or one or more of its compounds containing Lead |
| 437 | | Mecoprop |
| 438 | | Mercury or one or more of its compounds containing Mercury |
| 439 | | Nickel or one or more of its compounds containing Nickel |
| 440 | | Nitrogen |
| 441 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 445 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 446 | | Phosphorus (total) |
| 447 | | Zinc or one or more of its compounds containing Zinc |
| 448 | 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 1 but not more than 10 hectares and the predominant land uses in the area are industrial or commercial. | Aluminum or one or more of its compounds containing Aluminum |
| 449 | | Arsenic or one or more of its compounds containing Arsenic |
| 450 | | Cadmium or one or more of its compounds containing Cadmium |
| 451 | | Chloride |
| 452 | | Chromium VI |
| 453 | | Copper or one or more of its compounds containing Copper |
| 454 | | Glyphosate |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 455 | | Lead or one or more of its compounds containing Lead |
| 456 | | Mecoprop |
| 457 | | Mercury or one or more of its compounds containing Mercury |
| 458 | | Nickel or one or more of its compounds containing Nickel |
| 459 | | Nitrogen |
| 460 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 461 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 462 | | Petroleum Hydrocarbons F4 (>nC34) |
| 463 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 464 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 465 | | Phosphorus (total) |
| 466 | | Zinc or one or more of its compounds containing Zinc |
| 467 | 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 10 but not more than 100 hectares and the predominant land uses in the area are industrial or commercial. | Aluminum or one or more of its compounds containing Aluminum |
| 470 | | Chloride |
| 472 | | Copper or one or more of its compounds containing Copper |
| 473 | | Glyphosate |
| 477 | | Nickel or one or more of its compounds containing Nickel |
| 478 | | Nitrogen |
| 480 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 481 | | Petroleum Hydrocarbons F4 (>nC34) |
| 482 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 483 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 484 | | Phosphorus (total) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 485 | | Zinc or one or more of its compounds containing Zinc |
| 492 | 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. | Glyphosate |
| 499 | | Petroleum Hydrocarbons F1 (nC6-nC10) |

**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 |
|---|---|---|
| 505 | 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 not part of a facility for which the NPRI Notice requires a person to report. | Acrylonitrile |
| 506 | | Aluminum or one or more of its compounds containing Aluminum |
| 507 | | Arsenic or one or more of its compounds containing Arsenic |
| 508 | | Biphenyl-1,1' |
| 509 | | Bis(2-ethylhexyl) phthalate |
| 510 | | Boron |
| 511 | | Bromomethane |
| 512 | | BTEX |
| 513 | | Butoxyethanol-2 |
| 514 | | Butyl-n alcohol |
| 515 | | Butyl-tert alcohol |
| 516 | | Cadmium or one or more of its compounds containing Cadmium |
| 517 | | Carbon Tetrachloride |
| 518 | | Chloride |
| 519 | | Chloroform |
| 520 | | Chromium VI |
| 521 | | Cobalt or one or more of its compounds containing Cobalt |
| 522 | | Copper or one or more of its compounds containing Copper |
| 523 | | Cyanide (CN-) |

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Industrial Effluent Discharges**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 524 | | Dichlorobenzene-1,2 (ortho) |
| 525 | | Dichlorobenzene-1,4 (para) |
| 526 | | Dichloroethane-1,2 |
| 527 | | Ethylene Glycol |
| 528 | | Formaldehyde |
| 529 | | Hexachlorobenzene |
| 530 | | Hexachlorobutadiene |
| 531 | | Hexachloroethane |
| 532 | | Hydrazine or its salts |
| 533 | | Hydroquinone |
| 534 | | Iron |
| 535 | | Lead or one or more of its compounds containing Lead |
| 536 | | Manganese or one or more of its compounds containing Manganese |
| 537 | | Mercury or one or more of its compounds containing Mercury |
| 538 | | Methanol |
| 539 | | Methyl ethyl ketone |
| 540 | | Methylene chloride (Dichloromethane) |
| 541 | | Molybdenum |
| 542 | | Naphthalene |
| 543 | | Nickel or one or more of its compounds containing Nickel |
| 544 | | Nitrogen |
| 545 | | Nitrosodimethylamine-N (NDMA) |
| 546 | | one or more Adsorbable Organic Halides (AOXs) |
| 547 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 548 | | Pentachlorobenzene |
| 549 | | Petroleum Hydrocarbons F1 (nC6-nC10) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Industrial Effluent Discharges**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 550 | | Petroleum Hydrocarbons F4 (>nC34) |
| 551 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 552 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 553 | | Phenol (or its salts) |
| 554 | | Phosphorus (total) |
| 555 | | Selenium or one or more of its compounds containing Selenium |
| 556 | | Silver or one or more of its compounds containing Silver |
| 557 | | Sodium fluoride |
| 558 | | Styrene |
| 559 | | Sulphide (Hydrogen) |
| 560 | | Tetrachlorobenzene-1,2,4,5 |
| 561 | | Tetrachloroethylene (PCE) |
| 562 | | Trichlorobenzene-1,2,4 |
| 563 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 564 | | Tritium |
| 565 | | Vanadium |
| 566 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 567 | | Zinc or one or more of its compounds containing Zinc |
| 568 | 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. | Acrylonitrile |
| 571 | | Biphenyl-1,1' |
| 577 | | Butyl-n alcohol |
| 587 | | Dichlorobenzene-1,2 (ortho) |
| 602 | | Methyl ethyl ketone |
| 612 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 616 | | Phenol (or its salts) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Sanitary Sewers and related pipes

| Ref # | Circumstances | Chemical |
|---|---|---|
| 682 | 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 100,000 cubic metres of sewage per day. | BTEX |
| 683 | | Cadmium or one or more of its compounds containing Cadmium |
| 686 | | Hexachlorobenzene |
| 687 | | Lead or one or more of its compounds containing Lead |
| 688 | | Mercury or one or more of its compounds containing Mercury |
| 689 | | Nitrogen |
| 690 | | one or more Polychlorinated Biphenyls (PCBs) |
| 691 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 693 | | Phosphorus (total) |

### 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 |
|---|---|---|
| 702 | 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 a sewage works within the meaning of the Ontario Water Resources Act. | Chloride |
| 704 | | Nitrogen |
| 705 | | Phosphorus (total) |
| 706 | | 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 - Septic System Holding Tank

| Ref # | Circumstances | Chemical |
|---|---|---|
| 714 | 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 a sewage works within the meaning of the Ontario Water Resources Act. | Chloride |
| 716 | | Nitrogen |
| 717 | | Phosphorus (total) |
| 718 | | Sodium |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 |
|---|---|---|
| 724 | 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. | Mercury or one or more of its compounds containing Mercury |
| 727 | | one or more Polychlorinated Biphenyls (PCBs) |
| 732 | 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 500 but not more than 2,500 cubic metres on an annual basis. | BTEX |
| 733 | | Cadmium or one or more of its compounds containing Cadmium |
| 734 | | Copper or one or more of its compounds containing Copper |
| 735 | | Hexachlorobenzene |
| 736 | | Lead or one or more of its compounds containing Lead |
| 737 | | Mercury or one or more of its compounds containing Mercury |
| 738 | | Nitrogen |
| 739 | | Nitrosodimethylamine-N (NDMA) |
| 740 | | one or more Polychlorinated Biphenyls (PCBs) |
| 741 | | Pentachlorophenol |
| 742 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 743 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 744 | | Zinc or one or more of its compounds containing Zinc |
| 745 | 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 2,500 but not more than 17,500 cubic metres on an annual basis. | BTEX |
| 746 | | Cadmium or one or more of its compounds containing Cadmium |
| 747 | | Copper or one or more of its compounds containing Copper |
| 748 | | Hexachlorobenzene |
| 749 | | Lead or one or more of its compounds containing Lead |
| 750 | | Mercury or one or more of its compounds containing Mercury |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 |
|---|---|---|
| 751 | | Nitrogen |
| 752 | | Nitrosodimethylamine-N (NDMA) |
| 753 | | one or more Polychlorinated Biphenyls (PCBs) |
| 754 | | Pentachlorophenol |
| 755 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 756 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 757 | | Zinc or one or more of its compounds containing Zinc |
| 758 | 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 17,500 but not more than 50,000 cubic metres on an annual basis. | BTEX |
| 760 | | Copper or one or more of its compounds containing Copper |
| 761 | | Hexachlorobenzene |
| 764 | | Nitrogen |
| 765 | | Nitrosodimethylamine-N (NDMA) |
| 767 | | Pentachlorophenol |
| 768 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 769 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 770 | | 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 |
|---|---|---|
| 784 | 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. | Antimony or one or more of its compounds containing Antimony |
| 785 | | Arsenic or one or more of its compounds containing Arsenic |
| 799 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 Effluent Discharges (Includes Lagoons)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 800 | | Mercury or one or more of its compounds containing Mercury |
| 808 | 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 500 but not more than 2,500 cubic metres on an annual basis. | Antimony or one or more of its compounds containing Antimony |
| 809 | | Arsenic or one or more of its compounds containing Arsenic |
| 810 | | Barium |
| 811 | | BTEX |
| 812 | | Cadmium or one or more of its compounds containing Cadmium |
| 813 | | Chlorophenol-2 |
| 814 | | Chromium VI |
| 815 | | Copper or one or more of its compounds containing Copper |
| 816 | | Cyanide (CN-) |
| 820 | | Dichlorophenol-2,4 |
| 822 | | Lead or one or more of its compounds containing Lead |
| 823 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 824 | | Mercury or one or more of its compounds containing Mercury |
| 825 | | Nickel or one or more of its compounds containing Nickel |
| 826 | | Nitrogen |
| 827 | | Nitrosodimethylamine-N (NDMA) |
| 829 | | Phosphorus (total) |
| 830 | | Silver or one or more of its compounds containing Silver |
| 831 | | Zinc or one or more of its compounds containing Zinc |
| 832 | 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 2,500 but not more than 17,500 cubic metres on an annual basis. | Antimony or one or more of its compounds containing Antimony |
| 833 | | Arsenic or one or more of its compounds containing Arsenic |
| 834 | | Barium |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 Effluent Discharges (Includes Lagoons)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 835 | | BTEX |
| 836 | | Cadmium or one or more of its compounds containing Cadmium |
| 837 | | Chlorophenol-2 |
| 838 | | Chromium VI |
| 839 | | Copper or one or more of its compounds containing Copper |
| 840 | | Cyanide (CN-) |
| 841 | | Dibutyl phthalate |
| 842 | | Dichlorobenzene-1,2 (ortho) |
| 843 | | Dichlorobenzene-1,4 (para) |
| 844 | | Dichlorophenol-2,4 |
| 845 | | Ethylene Glycol |
| 846 | | Lead or one or more of its compounds containing Lead |
| 847 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 848 | | Mercury or one or more of its compounds containing Mercury |
| 849 | | Nickel or one or more of its compounds containing Nickel |
| 850 | | Nitrogen |
| 851 | | Nitrosodimethylamine-N (NDMA) |
| 852 | | Phenol (or its salts) |
| 853 | | Phosphorus (total) |
| 854 | | Silver or one or more of its compounds containing Silver |
| 855 | | Zinc or one or more of its compounds containing Zinc |
| 858 | 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 17,500 but not more than 50,000 cubic metres on an annual basis. | Barium |
| 859 | | BTEX |
| 861 | | Chlorophenol-2 |
| 863 | | Copper or one or more of its compounds containing Copper |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 Effluent Discharges (Includes Lagoons)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 864 | | Cyanide (CN-) |
| 865 | | Dibutyl phthalate |
| 866 | | Dichlorobenzene-1,2 (ortho) |
| 867 | | Dichlorobenzene-1,4 (para) |
| 868 | | Dichlorophenol-2,4 |
| 869 | | Ethylene Glycol |
| 873 | | Nickel or one or more of its compounds containing Nickel |
| 874 | | Nitrogen |
| 875 | | Nitrosodimethylamine-N (NDMA) |
| 876 | | Phenol (or its salts) |
| 877 | | Phosphorus (total) |
| 878 | | Silver or one or more of its compounds containing Silver |
| 879 | | Zinc or one or more of its compounds containing Zinc |
| 890 | 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. | Dichlorobenzene-1,2 (ortho) |
| 900 | | Phenol (or its salts) |

### 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 |
|---|---|---|
| 1020 | 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 17,500 but not more than 50,000 cubic metres on an annual basis. | BTEX |
| 1021 | | Cadmium or one or more of its compounds containing Cadmium |
| 1023 | | Hexachlorobenzene |
| 1024 | | Lead or one or more of its compounds containing Lead |
| 1025 | | Mercury or one or more of its compounds containing Mercury |
| 1026 | | Nitrogen |
| 1027 | | Nitrosodimethylamine-N (NDMA) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Storage Of Sewage (E.G. Treatment Plant Tanks)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1028 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1030 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1031 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1059 | 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 50,000 cubic metres on an annual basis. | BTEX |
| 1060 | | Cadmium or one or more of its compounds containing Cadmium |
| 1061 | | Copper or one or more of its compounds containing Copper |
| 1062 | | Hexachlorobenzene |
| 1063 | | Lead or one or more of its compounds containing Lead |
| 1064 | | Mercury or one or more of its compounds containing Mercury |
| 1065 | | Nitrogen |
| 1066 | | Nitrosodimethylamine-N (NDMA) |
| 1067 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1068 | | Pentachlorophenol |
| 1069 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1070 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1071 | | Zinc or one or more of its compounds containing Zinc |
| 1072 | 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 50,000 cubic metres on an annual basis. | BTEX |
| 1073 | | Cadmium or one or more of its compounds containing Cadmium |
| 1075 | | Hexachlorobenzene |
| 1076 | | Lead or one or more of its compounds containing Lead |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Storage Of Sewage (E.G. Treatment Plant Tanks)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1077 | | Mercury or one or more of its compounds containing Mercury |
| 1078 | | Nitrogen |
| 1079 | | Nitrosodimethylamine-N (NDMA) |
| 1080 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1082 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1083 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1046 | 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 17,500 but not more than 50,000 cubic metres on an annual basis. | BTEX |
| 1047 | | Cadmium or one or more of its compounds containing Cadmium |
| 1049 | | Hexachlorobenzene |
| 1050 | | Lead or one or more of its compounds containing Lead |
| 1051 | | Mercury or one or more of its compounds containing Mercury |
| 1052 | | Nitrogen |
| 1053 | | Nitrosodimethylamine-N (NDMA) |
| 1054 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1056 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1057 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1085 | 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 50,000 cubic metres on an annual basis. | BTEX |
| 1086 | | Cadmium or one or more of its compounds containing Cadmium |
| 1087 | | Copper or one or more of its compounds containing Copper |
| 1088 | | Hexachlorobenzene |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 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 - Storage Of Sewage (E.G. Treatment Plant Tanks)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1089 | | Lead or one or more of its compounds containing Lead |
| 1090 | | Mercury or one or more of its compounds containing Mercury |
| 1091 | | Nitrogen |
| 1092 | | Nitrosodimethylamine-N (NDMA) |
| 1093 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1094 | | Pentachlorophenol |
| 1095 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1096 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1097 | | Zinc or one or more of its compounds containing Zinc |

**The handling and storage of a dense non-aqueous phase liquid.** — **Threat Subcategory: Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1098 | 1. The storage of a DNAPL at or above grade. | Dioxane-1,4 |
| 1099 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 1100 | | Tetrachloroethylene (PCE) |
| 1101 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1102 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1103 | 1. The storage of a DNAPL below grade. | Dioxane-1,4 |
| 1104 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 1105 | | Tetrachloroethylene (PCE) |
| 1106 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1107 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The handling and storage of a dense non-aqueous phase liquid. — Threat Subcategory: Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1108 | 1. The storage of a DNAPL if a portion, but not all, of the storage is below grade. | Dioxane-1,4 |
| 1109 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 1110 | | Tetrachloroethylene (PCE) |
| 1111 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1112 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1129 | 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. | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1140 | 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. | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1146 | 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 more than 25 but not more than 250 kilograms. | Atrazine |
| 1147 | | Dicamba |
| 1148 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1149 | | Dichloropropene-1,3 |
| 1151 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1153 | | Mecoprop |
| 1157 | 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 250 but not more than 2,500 kilograms. | Atrazine |
| 1158 | | Dicamba |
| 1159 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1160 | | Dichloropropene-1,3 |
| 1162 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1164 | | Mecoprop |
| 1168 | 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 more than 250 but not more than 2,500 kilograms. | Atrazine |
| 1169 | | Dicamba |
| 1170 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1171 | | Dichloropropene-1,3 |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1172 | | Glyphosate |
| 1173 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1174 | | MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid ) |
| 1175 | | Mecoprop |
| 1176 | | Metalaxyl |
| 1177 | | Metolachlor or s-Metolachlor |
| 1178 | | Pendimethalin |
| 1179 | 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 2,500 kilograms. | Atrazine |
| 1180 | | Dicamba |
| 1181 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1182 | | Dichloropropene-1,3 |
| 1183 | | Glyphosate |
| 1184 | | MCPA (2-methyl-4-chlorophenoxyacetic acid ) |
| 1185 | | MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid ) |
| 1186 | | Mecoprop |
| 1187 | | Metalaxyl |
| 1188 | | Metolachlor or s-Metolachlor |
| 1189 | | Pendimethalin |
| 1190 | 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 more than 2,500 kilograms. | Atrazine |
| 1191 | | Dicamba |
| 1192 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1193 | | Dichloropropene-1,3 |
| 1194 | | Glyphosate |
| 1196 | | MCPB (4-(4-chloro-2-methylphenoxy)butanoic acid ) |
| 1198 | | Metalaxyl |
| 1199 | | Metolachlor or s-Metolachlor |
| 1200 | | Pendimethalin |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The storage of agricultural source material.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1201 | 1.The agricultural source material is stored at or above 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 |
| 1202 | | Phosphorus (total) |
| 1203 | 1.The agricultural source material is stored at or above grade on a temporary field nutrient storage site. 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 |
| 1204 | | Phosphorus (total) |
| 1207 | 1.A portion, but not all, of the agricultural source material is stored above 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 |
| 1208 | | Phosphorus (total) |
| 1209 | 1.The agricultural source material is stored at or above 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. | Nitrogen |
| 1210 | | Phosphorus (total) |
| 1211 | 1.The agricultural source material is stored at or above grade on a temporary field nutrient storage site. 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. | Nitrogen |
| 1212 | | Phosphorus (total) |
| 1215 | 1.A portion, but not all, of the agricultural source material is stored above 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. | Nitrogen |
| 1216 | | Phosphorus (total) |
| 1221 | 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 1.0 nutrient unit per acre of the farm units. | Nitrogen |
| 1222 | | Phosphorus (total) |

### The handling and storage of an organic solvent.

**Threat Subcategory: Storage Of An Organic Solvent**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1237 | 1.The organic solvent is stored in a container at or above grade. 2.The quantity of organic solvent stored is more than 25, but not more than 250 litres. | Carbon Tetrachloride |
| 1238 | | Chloroform |
| 1239 | | Methylene Chloride (Dichloromethane) |
| 1245 | 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 more than 25, but not more than 250 litres. | Carbon Tetrachloride |
| 1246 | | Chloroform |
| 1247 | | Methylene Chloride (Dichloromethane) |
| 1249 | 1.The organic solvent is stored in a container at or above grade. 2.The quantity of organic solvent stored is more than 250, but not more than 2,500 litres. | Carbon Tetrachloride |
| 1250 | | Chloroform |
| 1251 | | Methylene Chloride (Dichloromethane) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1252 | | Pentachlorophenol |
| 1257 | 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 more than 250, but not more than 2,500 litres. | Carbon Tetrachloride |
| 1258 | | Chloroform |
| 1259 | | Methylene Chloride (Dichloromethane) |
| 1260 | | Pentachlorophenol |
| 1261 | 1.The organic solvent is stored in a container at or above grade. 2.The quantity of organic solvent stored is more than 2,500 litres. | Carbon Tetrachloride |
| 1262 | | Chloroform |
| 1263 | | Methylene Chloride (Dichloromethane) |
| 1264 | | Pentachlorophenol |
| 1265 | 1.The organic solvent is stored in a container that is located below grade. 2.The quantity of organic solvent stored is more than 2,500 litres. | Carbon Tetrachloride |
| 1266 | | Chloroform |
| 1267 | | Methylene Chloride (Dichloromethane) |
| 1269 | 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 more than 2,500 litres. | Carbon Tetrachloride |
| 1270 | | Chloroform |
| 1271 | | Methylene Chloride (Dichloromethane) |
| 1272 | | Pentachlorophenol |

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1279 | 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 more than 25 but not more than 250 kilograms. | Nitrogen |
| 1280 | | Phosphorus (total) |
| 1281 | 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 250 but not more than 2,500 kilograms. | Nitrogen |
| 1282 | | Phosphorus (total) |
| 1283 | 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 more than 250 but not more than 2,500 kilograms. | Nitrogen |
| 1284 | | Phosphorus (total) |
| 1285 | 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 2,500 kilograms. | Nitrogen |
| 1286 | | Phosphorus (total) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1287 | 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 more than 2,500 kilograms. | Nitrogen |
| 1288 | | Phosphorus (total) |

### The handling and storage of fuel. — Threat Subcategory: Storage Of Fuel

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1324 | 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 more than 25, but not more than 250 litres. | BTEX |
| 1349 | 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 250, but not more than 2,500 litres. | BTEX |
| 1354 | 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 more than 250, but not more than 2,500 litres. | |
| 1355 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1356 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1357 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1358 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1379 | 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 2,500 litres. | BTEX |
| 1380 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1381 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1382 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1383 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1384 | 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 more than 2,500 litres. | BTEX |
| 1385 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1386 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1387 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1388 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

**The handling and storage of fuel.** **Threat Subcategory: Storage Of Fuel**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1389 | 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 2,500 litres. | BTEX |
| 1394 | 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 2,500 litres. | |
| 1339 | 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 more than 25, but not more than 250 litres. | BTEX |
| 1369 | 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 more than 250, but not more than 2,500 litres. | BTEX |
| 1370 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1371 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1372 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1373 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1374 | 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 250, but not more than 2,500 litres. | BTEX |
| 1399 | 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 more than 2,500 litres. | BTEX |
| 1400 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1401 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1402 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1403 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1404 | 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 2,500 litres. | BTEX |
| 1405 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1406 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1407 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1408 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1409 | 1.The non-agricultural source material is stored at or above 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 |
| 1410 | | Phosphorus (total) |
| 1411 | 1.The non-agricultural source material is stored at or above grade on a temporary field nutrient storage site. 2.The mass of nitrogen in the non-agricultural source material stored is less than 0.5 tonnes. | Nitrogen |
| 1412 | | Phosphorus (total) |
| 1415 | 1.A portion, but not all, of the non-agricultural source material is stored above 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 |
| 1416 | | Phosphorus (total) |
| 1417 | 1.The non-agricultural source material is stored at or above 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. | Nitrogen |
| 1418 | | Phosphorus (total) |
| 1419 | 1.The non-agricultural source material is stored at or above grade on a temporary field nutrient storage site. 2.The mass of nitrogen in the non-agricultural source material stored is at least 0.5 tonnes but not more than 5 tonnes. | Nitrogen |
| 1420 | | Phosphorus (total) |
| 1423 | 1.A portion, but not all, of the non-agricultural source material is stored above 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. | Nitrogen |
| 1424 | | Phosphorus (total) |
| 1429 | 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 more than 5 tonnes. | Nitrogen |
| 1430 | | Phosphorus (total) |

### The handling and storage of road salt.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1433 | 1.The storage of road salt in a manner that may result in its exposure to precipitation or runoff from precipitation or snow melt. 2.The quantity stored is less than 500 tonnes. | Chloride |
| 1434 | | Sodium |
| 1437 | 1.The storage of road salt in a manner that may result in its exposure to precipitation or runoff from precipitation or snow melt. 2.The quantity stored is at least 500, but not more than 5,000 tonnes. | Chloride |
| 1438 | | Sodium |
| 1439 | 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 at least 500, but not more than 5,000 tonnes. | Chloride |
| 1440 | | Sodium |
| 1443 | 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 more than 5,000 tonnes. | Chloride |
| 1444 | | Sodium |

### The storage of snow.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1445 | 1.The snow is stored at or above grade. 2.The area upon which snow is stored is at least 0.01, but not more than 0.5 hectares. | Chloride |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

## The storage of snow.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1446 | | Copper or one or more of its compounds containing Copper |
| 1447 | | Cyanide (CN-) |
| 1448 | | Lead or one or more of its compounds containing Lead |
| 1449 | | Nitrogen |
| 1450 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1451 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1452 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1453 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1454 | | Sodium |
| 1455 | | Zinc or one or more of its compounds containing Zinc |
| 1467 | 1.The snow is stored at or above grade. 2.The area upon which snow is stored is more than 0.5, but not more than 1 hectares. | Chloride |
| 1468 | | Copper or one or more of its compounds containing Copper |
| 1469 | | Cyanide (CN-) |
| 1470 | | Lead or one or more of its compounds containing Lead |
| 1471 | | Nitrogen |
| 1472 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1473 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1474 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1475 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1476 | | Sodium |
| 1477 | | Zinc or one or more of its compounds containing Zinc |
| 1489 | 1.The snow is stored at or above grade. 2.The area upon which snow is stored is more than 1, but not more than 5 hectares. | Chloride |
| 1490 | | Copper or one or more of its compounds containing Copper |
| 1491 | | Cyanide (CN-) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### The storage of snow.

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1493 | | Nitrogen |
| 1494 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1495 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1496 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1497 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1498 | | Sodium |
| 1499 | | Zinc or one or more of its compounds containing Zinc |
| 1516 | 1.The snow is stored at or above grade. 2.The area upon which snow is stored is more than 5 hectares. | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1517 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1518 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1519 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1522 | 1.The snow is stored below grade. 2.The area upon which snow is stored is more than 5 hectares. | Chloride |
| 1524 | | Cyanide (CN-) |
| 1525 | | Lead or one or more of its compounds containing Lead |
| 1526 | | Nitrogen |
| 1531 | | Sodium |

### 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 |
|---|---|---|
| 1546 | 1.Tailings from mining operations are stored using an impoundment structure located on the surface. 2.The site is not part of a facility for which the NPRI Notice requires a person to report. | Arsenic or one or more of its compounds containing Arsenic |
| 1547 | | Cadmium or one or more of its compounds containing Cadmium |
| 1548 | | Chromium VI |
| 1549 | | Copper or one or more of its compounds containing Copper |
| 1550 | | Cyanide (CN-) |

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

**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 |
|---|---|---|
| 1551 | | Lead or one or more of its compounds containing Lead |
| 1552 | | Mercury or one or more of its compounds containing Mercury |
| 1553 | | Nickel or one or more of its compounds containing Nickel |
| 1554 | | Nitrogen |
| 1555 | | Phosphorus (total) |
| 1556 | | Silver or one or more of its compounds containing Silver |
| 1557 | | Sulphide (Hydrogen) |
| 1558 | | Zinc or one or more of its compounds containing Zinc |
| 1559 | 1.Tailings from mining operations are stored in a pit. 2.The site 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 |
| 1560 | | Cadmium or one or more of its compounds containing Cadmium |
| 1561 | | Chromium VI |
| 1562 | | Copper or one or more of its compounds containing Copper |
| 1563 | | Cyanide (CN-) |
| 1564 | | Lead or one or more of its compounds containing Lead |
| 1565 | | Mercury or one or more of its compounds containing Mercury |
| 1566 | | Nickel or one or more of its compounds containing Nickel |
| 1567 | | Nitrogen |
| 1568 | | Phosphorus (total) |
| 1569 | | Silver or one or more of its compounds containing Silver |
| 1570 | | Sulphide (Hydrogen) |
| 1571 | | Zinc or one or more of its compounds containing Zinc |
| 1575 | 1.Tailings from mining operations are stored using an impoundment structure located on the surface. 2.The site 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. | Copper or one or more of its compounds containing Copper |
| 1576 | | Cyanide (CN-) |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

**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 |
|---|---|---|
| 1579 | | Nickel or one or more of its compounds containing Nickel |
| 1580 | | Nitrogen |
| 1581 | | Phosphorus (total) |
| 1582 | | Silver or one or more of its compounds containing Silver |
| 1583 | | Sulphide (Hydrogen) |
| 1584 | | 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 - Landfarming Of Petroleum Refining Waste**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1585 | 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 not more than 1 hectare. | BTEX |
| 1586 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 1587 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1588 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1589 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1590 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1591 | 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 1, but not more than 10 hectares. | BTEX |
| 1592 | | one or more Polycyclic Aromatic Hydrocarbons (PAHs) |
| 1593 | | Petroleum Hydrocarbons F1 (nC6-nC10) |
| 1594 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1595 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1596 | | Petroleum Hydrocarbons F3 (>nC16-nC34) |
| 1599 | 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. | Petroleum Hydrocarbons F1 (nC6-nC10) |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 |
|---|---|---|
| 1600 | | Petroleum Hydrocarbons F4 (>nC34) |
| 1601 | | Petroleum Hydrocarbons F2 (>nC10-nC16) |
| 1602 | | 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: Waste Disposal Site - Landfilling (Hazardous Waste)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1603 | 1.The land disposal of hazardous waste, liquid industrial waste, or processed liquid industrial waste, within the meaning of clauses (a) and (b) of the definition of "land disposal" in section 1 of Regulation 347, R.R.O. 1990 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The fill area is less than 1 hectare. | Arsenic or one or more of its compounds containing Arsenic |
| 1605 | | Cadmium or one or more of its compounds containing Cadmium |
| 1606 | | Chromium VI |
| 1607 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1608 | | Lead or one or more of its compounds containing Lead |
| 1609 | | Mercury or one or more of its compounds containing Mercury |
| 1610 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1611 | | Selenium or one or more of its compounds containing Selenium |
| 1612 | | Silver or one or more of its compounds containing Silver |
| 1613 | | Trichlorophenoxyacetic acid-2,4,5 |
| 1614 | | Uranium |
| 1615 | 1.The land disposal of hazardous waste, liquid industrial waste, or processed liquid industrial waste, within the meaning of clauses (a) and (b) of the definition of "land disposal" in section 1 of Regulation 347, R.R.O. 1990 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The fill area is at least 1 but not more than 10 hectares. | Arsenic or one or more of its compounds containing Arsenic |
| 1616 | | Barium |
| 1617 | | Cadmium or one or more of its compounds containing Cadmium |
| 1618 | | Chromium VI |
| 1619 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1620 | | Lead or one or more of its compounds containing Lead |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 - Landfilling (Hazardous Waste)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1621 | | Mercury or one or more of its compounds containing Mercury |
| 1622 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1623 | | Selenium or one or more of its compounds containing Selenium |
| 1624 | | Silver or one or more of its compounds containing Silver |
| 1625 | | Trichlorophenoxyacetic acid-2,4,5 |
| 1626 | | Uranium |
| 1628 | 1.The land disposal of hazardous waste, liquid industrial waste, or processed liquid industrial waste, within the meaning of clauses (a) and (b) of the definition of "land disposal" in section 1 of Regulation 347, R.R.O. 1990 (General - Waste Management) made under the Environmental Protection Act, is undertaken at the site. 2.The fill area is more than 10 hectares. | Barium |
| 1629 | | Cadmium or one or more of its compounds containing Cadmium |
| 1631 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1632 | | Lead or one or more of its compounds containing Lead |
| 1633 | | Mercury or one or more of its compounds containing Mercury |
| 1634 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1635 | | Selenium or one or more of its compounds containing Selenium |
| 1636 | | Silver or one or more of its compounds containing Silver |
| 1637 | | Trichlorophenoxyacetic acid-2,4,5 |

### 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 - Landfilling (Municipal Waste)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1639 | 1.The land disposal of municipal waste, within the meaning of clauses (a) and (b) 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 fill area is less than 1 hectare. | Arsenic or one or more of its compounds containing Arsenic |
| 1641 | | BTEX |
| 1642 | | Cadmium or one or more of its compounds containing Cadmium |
| 1644 | | Lead or one or more of its compounds containing Lead |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

**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 - Landfilling (Municipal Waste)**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1645 | | Mercury or one or more of its compounds containing Mercury |
| 1646 | | Nitrogen |
| 1647 | | Selenium or one or more of its compounds containing Selenium |
| 1648 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1649 | | Uranium |
| 1650 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1651 | 1.The land disposal of municipal waste, within the meaning of clauses (a) and (b) 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 fill area is at least 1 but not more than 10 hectares. | Arsenic or one or more of its compounds containing Arsenic |
| 1652 | | Barium |
| 1653 | | BTEX |
| 1654 | | Cadmium or one or more of its compounds containing Cadmium |
| 1655 | | Dichlorobenzene-1,4 (para) |
| 1656 | | Lead or one or more of its compounds containing Lead |
| 1657 | | Mercury or one or more of its compounds containing Mercury |
| 1658 | | Nitrogen |
| 1659 | | Selenium or one or more of its compounds containing Selenium |
| 1660 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1661 | | Uranium |
| 1662 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1664 | 1.The land disposal of municipal waste, within the meaning of clauses (a) and (b) 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 fill area is more than 10 hectares. | Barium |
| 1665 | | BTEX |
| 1666 | | Cadmium or one or more of its compounds containing Cadmium |
| 1667 | | Dichlorobenzene-1,4 (para) |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 - Landfilling (Municipal Waste)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1668 | | Lead or one or more of its compounds containing Lead |
| 1669 | | Mercury or one or more of its compounds containing Mercury |
| 1670 | | Nitrogen |
| 1671 | | Selenium or one or more of its compounds containing Selenium |
| 1672 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1674 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

### 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 - Landfilling (Solid Non Hazardous Industrial or Commercial)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1675 | 1.The land disposal of industrial waste or commercial 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 fill area is less than 1 hectare. | Arsenic or one or more of its compounds containing Arsenic |
| 1677 | | BTEX |
| 1678 | | Cadmium or one or more of its compounds containing Cadmium |
| 1680 | | Lead or one or more of its compounds containing Lead |
| 1681 | | Mercury or one or more of its compounds containing Mercury |
| 1682 | | Nitrogen |
| 1683 | | Selenium or one or more of its compounds containing Selenium |
| 1684 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1685 | | Uranium |
| 1686 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1687 | 1.The land disposal of industrial waste or commercial 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 fill area is at least 1 but not more than 10 hectares. | Arsenic or one or more of its compounds containing Arsenic |
| 1688 | | Barium |
| 1689 | | BTEX |

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 - Landfilling (Solid Non Hazardous Industrial or Commercial)

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1690 | | Cadmium or one or more of its compounds containing Cadmium |
| 1691 | | Dichlorobenzene-1,4 (para) |
| 1692 | | Lead or one or more of its compounds containing Lead |
| 1693 | | Mercury or one or more of its compounds containing Mercury |
| 1694 | | Nitrogen |
| 1695 | | Selenium or one or more of its compounds containing Selenium |
| 1696 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1697 | | Uranium |
| 1698 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1700 | 1.The land disposal of industrial waste or commercial 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 fill area is more than 10 hectares. | Barium |
| 1701 | | BTEX |
| 1702 | | Cadmium or one or more of its compounds containing Cadmium |
| 1703 | | Dichlorobenzene-1,4 (para) |
| 1704 | | Lead or one or more of its compounds containing Lead |
| 1705 | | Mercury or one or more of its compounds containing Mercury |
| 1706 | | Nitrogen |
| 1707 | | Selenium or one or more of its compounds containing Selenium |
| 1708 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1710 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

### 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 |
|---|---|---|

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

## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1831 | 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. | Arsenic or one or more of its compounds containing Arsenic |
| 1837 | | Cadmium or one or more of its compounds containing Cadmium |
| 1847 | | Mercury or one or more of its compounds containing Mercury |
| 1853 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |
| 1855 | 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. | Arsenic or one or more of its compounds containing Arsenic |
| 1856 | | Atrazine |
| 1860 | | BTEX |
| 1861 | | Cadmium or one or more of its compounds containing Cadmium |
| 1862 | | Carbofuran |
| 1865 | | Cyanide (CN-) |
| 1868 | | Hexachlorobenzene |
| 1870 | | Lead or one or more of its compounds containing Lead |
| 1871 | | Mercury or one or more of its compounds containing Mercury |
| 1872 | | one or more Polychlorinated Biphenyls (PCBs) |
| 1873 | | Oxamyl |
| 1875 | | Trichloroethane-1,1,1 |
| 1876 | | Trichloroethylene or another DNAPL that could degrade to Trichloroethylene |
| 1877 | | Vinyl chloride or another DNAPL that could degrade to vinyl chloride |

## 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 - PCB Waste Storage**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1879 | 1.PCB waste is stored below grade in a facility or engineered cell. 2.The PCB waste is stored at a PCB waste disposal site as described in Section 3 of Regulation 362 (Waste Management – PCBs), R.R.O. 1990, made under the Environmental Protection Act or was delivered to a site under written instructions of a Director in accordance with clause 8(a) of that regulation. | one or more Polychlorinated Biphenyls (PCBs) |
| 1880 | 1.PCB waste stored in drums above or at grade. 2.The PCB waste is stored at a PCB waste disposal site as described in Section 3 of Regulation 362 (Waste Management – PCBs), R.R.O. 1990, made under the Environmental Protection Act or was delivered to a site under written instructions of a Director in accordance with clause 8(a) of that regulation. | |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 - PCB Waste Storage

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1881 | 1.PCB waste stored in storage tanks below grade. 2.The PCB waste is stored at a PCB waste disposal site as described in Section 3 of Regulation 362 (Waste Management – PCBs), R.R.O. 1990, made under the Environmental Protection Act or was delivered to a site under written instructions of a Director in accordance with clause 8(a) of that regulation. | |
| 1882 | 1.PCB waste stored a storage tank that is installed partially below grade. 2.The PCB waste is stored at a PCB waste disposal site as described in Section 3 of Regulation 362 (Waste Management – PCBs), R.R.O. 1990, made under the Environmental Protection Act or was delivered to a site under written instructions of a Director in accordance with clause 8(a) of that regulation. | |
| 1883 | 1.PCB waste is stored in an outdoor area and not in a container. 2.The PCB waste is stored at a PCB waste disposal site as described in Section 3 of Regulation 362 (Waste Management – PCBs), R.R.O. 1990, made under the Environmental Protection Act or was delivered to a site under written instructions of a Director in accordance with clause 8(a) of that regulation. | |

### 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 Hazardous Waste At Disposal Sites

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1885 | 1. Hazardous waste or liquid industrial waste is stored at or above grade. | Barium |
| 1886 | | Cadmium or one or more of its compounds containing Cadmium |
| 1888 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1889 | | Lead or one or more of its compounds containing Lead |
| 1890 | | Mercury or one or more of its compounds containing Mercury |
| 1891 | | Selenium or one or more of its compounds containing Selenium |
| 1892 | | Silver or one or more of its compounds containing Silver |
| 1893 | | Trichlorophenoxyacetic acid-2,4,5 |
| 1894 | 1. Hazardous waste or liquid industrial waste is stored below grade. | Arsenic or one or more of its compounds containing Arsenic |
| 1896 | | Cadmium or one or more of its compounds containing Cadmium |
| 1897 | | Chromium VI |
| 1898 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1899 | | Lead or one or more of its compounds containing Lead |
| 1900 | | Mercury or one or more of its compounds containing Mercury |
| 1901 | | Selenium or one or more of its compounds containing Selenium |
| 1902 | | Silver or one or more of its compounds containing Silver |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

### 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 Hazardous Waste At Disposal Sites

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1903 | | Trichlorophenoxyacetic acid-2,4,5 |
| 1905 | 1. Hazardous waste or liquid industrial waste is stored, and a portion, but not all of the waste is stored below grade. | Barium |
| 1906 | | Cadmium or one or more of its compounds containing Cadmium |
| 1908 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1909 | | Lead or one or more of its compounds containing Lead |
| 1910 | | Mercury or one or more of its compounds containing Mercury |
| 1911 | | Selenium or one or more of its compounds containing Selenium |
| 1912 | | Silver or one or more of its compounds containing Silver |
| 1913 | | Trichlorophenoxyacetic acid-2,4,5 |

### 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

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1914 | 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 at or above grade. | Arsenic or one or more of its compounds containing Arsenic |
| 1915 | | Barium |
| 1916 | | Cadmium or one or more of its compounds containing Cadmium |
| 1917 | | Chromium VI |
| 1918 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1919 | | Lead or one or more of its compounds containing Lead |
| 1920 | | Mercury or one or more of its compounds containing Mercury |
| 1921 | | Selenium or one or more of its compounds containing Selenium |
| 1922 | | Silver or one or more of its compounds containing Silver |
| 1923 | | Trichlorophenoxyacetic acid-2,4,5 |
| 1934 | | Arsenic or one or more of its compounds containing Arsenic |

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## PROVINCIAL TABLE 24 (CIPZWE9M): Chemicals in an IPZ or WHPA E where the vulnerability score is 9 where threats are moderate

**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**

| Ref # | Circumstances | Chemical |
|---|---|---|
| 1935 | | Barium |
| 1936 | | Cadmium or one or more of its compounds containing Cadmium |
| 1937 | | Chromium VI |
| 1938 | | Dichlorophenoxy Acetic Acid (D-2,4) |
| 1939 | | Lead or one or more of its compounds containing Lead |
| 1940 | | Mercury or one or more of its compounds containing Mercury |
| 1941 | | Selenium or one or more of its compounds containing Selenium |
| 1942 | | Silver or one or more of its compounds containing Silver |
| 1943 | | Trichlorophenoxyacetic acid-2,4,5 |

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