

Table A10-1-11-9 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-1 with a vulnerability score of 9	Threat level dependent on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	Yes	Yes	Yes	No	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	Yes	Yes	Yes	Yes	Yes	No
3. The application of agricultural source material to land.	Yes	No	Yes	No	No	No
4. The storage of agricultural source material.	Yes	Yes	Yes	Yes	Yes	No
5. The management of agricultural source material.	n/a	No	n/a	Yes	n/a	No
6. The application of non-agricultural source material to land.	Yes	Yes	Yes	Yes	No	No
7. The handling and storage of non-agricultural source material.	Yes	Yes	Yes	Yes	Yes	Yes
8. The application of commercial fertilizer to land.	Yes	n/a	Yes	n/a	No	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	Yes	n/a	Yes	n/a
10. The application of pesticide to land.	Yes	n/a	Yes	n/a	No	n/a
11. The handling and storage of pesticide.	Yes	n/a	Yes	n/a	Yes	n/a
12. The application of road salt.	Yes	n/a	Yes	n/a	No	n/a
13. The handling and storage of road salt.	Yes	n/a	Yes	n/a	Yes	n/a
14. The storage of snow.	Yes	n/a	Yes	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	Yes	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	Yes	n/a	No	n/a
17. The handling and storage of an organic solvent.	No	n/a	Yes	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	Yes	n/a	Yes	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	Yes	Yes	Yes	No	No	No
Local Threat - The transportation of fuel by pipeline	Yes	n/a	No	n/a	No	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	Yes	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	Yes	n/a	Yes	n/a
Notes: - n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.						

Table A10-1-11-8 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-1 with a vulnerability score of 8	Threat level dependent on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	No	Yes	Yes	No	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	Yes	Yes	Yes	Yes	Yes	Yes
3. The application of agricultural source material to land.	No	Yes	Yes	No	Yes	No
4. The storage of agricultural source material.	No	Yes	Yes	Yes	Yes	No
5. The management of agricultural source material.	n/a	No	n/a	No	n/a	Yes
6. The application of non-agricultural source material to land.	No	Yes	Yes	No	Yes	Yes
7. The handling and storage of non-agricultural source material.	No	Yes	Yes	No	Yes	Yes
8. The application of commercial fertilizer to land.	No	n/a	Yes	n/a	Yes	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	Yes	n/a	Yes	n/a
10. The application of pesticide to land.	No	n/a	Yes	n/a	Yes	n/a
11. The handling and storage of pesticide.	No	n/a	Yes	n/a	Yes	n/a
12. The application of road salt.	No	n/a	Yes	n/a	Yes	n/a
13. The handling and storage of road salt.	No	n/a	Yes	n/a	Yes	n/a
14. The storage of snow.	No	n/a	Yes	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	Yes	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	Yes	n/a	Yes	n/a
17. The handling and storage of an organic solvent.	No	n/a	Yes	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	No	n/a	Yes	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	No	Yes	Yes	No	No	No
Local Threat - The transportation of fuel by pipeline	No	n/a	Yes	n/a	No	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	Yes	n/a	Yes	n/a
Notes: - n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.						

Table A10-1-11- 7 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-1 with a vulnerability score of 7	Threat level dependent on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	No	No	Yes	Yes	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	No	No	Yes	Yes	Yes	Yes
3. The application of agricultural source material to land.	No	No	Yes	Yes	Yes	No
4. The storage of agricultural source material.	No	No	Yes	Yes	Yes	Yes
5. The management of agricultural source material.	n/a	No	n/a	No	n/a	Yes
6. The application of non-agricultural source material to land.	No	No	Yes	Yes	Yes	Yes
7. The handling and storage of non-agricultural source material.	No	No	Yes	Yes	Yes	Yes
8. The application of commercial fertilizer to land.	No	n/a	Yes	n/a	Yes	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	No	n/a	Yes	n/a
10. The application of pesticide to land.	No	n/a	Yes	n/a	Yes	n/a
11. The handling and storage of pesticide.	No	n/a	Yes	n/a	Yes	n/a
12. The application of road salt.	No	n/a	Yes	n/a	Yes	n/a
13. The handling and storage of road salt.	No	n/a	Yes	n/a	Yes	n/a
14. The storage of snow.	No	n/a	Yes	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	Yes	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	Yes	n/a	Yes	n/a
17. The handling and storage of an organic solvent.	No	n/a	Yes	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	No	n/a	Yes	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	No	No	Yes	No	Yes	No
Local Threat - The transportation of fuel by pipeline	No	n/a	Yes	n/a	No	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Notes: - n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.						

Table A10-1-12- 7.2 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-2 with a vulnerability score of 7	Threat level dependent on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	No	No	Yes	Yes	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	No	No	Yes	Yes	Yes	Yes
3. The application of agricultural source material to land.	No	No	Yes	Yes	Yes	No
4. The storage of agricultural source material.	No	No	Yes	Yes	Yes	Yes
5. The management of agricultural source material.	n/a	No	n/a	No	n/a	Yes
6. The application of non-agricultural source material to land.	No	No	Yes	Yes	Yes	Yes
7. The handling and storage of non-agricultural source material.	No	No	Yes	Yes	Yes	Yes
8. The application of commercial fertilizer to land.	No	n/a	Yes	n/a	Yes	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	Yes	n/a	Yes	n/a
10. The application of pesticide to land.	No	n/a	Yes	n/a	Yes	n/a
11. The handling and storage of pesticide.	No	n/a	Yes	n/a	Yes	n/a
12. The application of road salt.	No	n/a	Yes	n/a	Yes	n/a
13. The handling and storage of road salt.	No	n/a	Yes	n/a	Yes	n/a
14. The storage of snow.	No	n/a	Yes	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	Yes	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	Yes	n/a	Yes	n/a
17. The handling and storage of an organic solvent.	No	n/a	Yes	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	No	n/a	Yes	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	No	No	Yes	Yes	Yes	No
Local Threat - The transportation of fuel by pipeline	No	n/a	Yes	n/a	No	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Notes: - n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.						

Table A10-1-12- 6.4 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-2 with a vulnerability score of 6.4	Threat level dependant on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	No	No	Yes	Yes	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	No	No	Yes	Yes	Yes	Yes
3. The application of agricultural source material to land.	No	No	No	Yes	Yes	No
4. The storage of agricultural source material.	No	No	No	Yes	Yes	Yes
5. The management of agricultural source material.	n/a	No	n/a	No	n/a	Yes
6. The application of non-agricultural source material to land.	No	No	No	Yes	Yes	Yes
7. The handling and storage of non-agricultural source material.	No	No	No	Yes	Yes	Yes
8. The application of commercial fertilizer to land.	No	n/a	No	n/a	Yes	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	No	n/a	Yes	n/a
10. The application of pesticide to land.	No	n/a	Yes	n/a	Yes	n/a
11. The handling and storage of pesticide.	No	n/a	No	n/a	Yes	n/a
12. The application of road salt.	No	n/a	No	n/a	Yes	n/a
13. The handling and storage of road salt.	No	n/a	No	n/a	Yes	n/a
14. The storage of snow.	No	n/a	Yes	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	No	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	No	n/a	Yes	n/a
17. The handling and storage of an organic solvent.	No	n/a	No	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	No	n/a	No	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	No	No	No	Yes	Yes	No
Local Threat - The transportation of fuel by pipeline	No	n/a	Yes	n/a	No	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	No	n/a	Yes	n/a

Notes:
- n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.

Table A10-1-12- 6.3 Circumstance which would result in a threat by prescribed activity or local drinking water threat in an IPZ-2 with a vulnerability score of 6.3	Threat level dependant on circumstances related to the activity					
	Significant		Moderate		Low	
	Chemical	Pathogen	Chemical	Pathogen	Chemical	Pathogen
Prescribed Drinking Water Threat (Activity)						
1. The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	No	No	No	Yes	Yes	No
2. The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	No	No	No	Yes	Yes	Yes
3. The application of agricultural source material to land.	No	No	No	Yes	Yes	No
4. The storage of agricultural source material.	No	No	No	Yes	Yes	Yes
5. The management of agricultural source material.	n/a	No	n/a	No	n/a	Yes
6. The application of non-agricultural source material to land.	No	No	No	Yes	Yes	Yes
7. The handling and storage of non-agricultural source material.	No	No	No	Yes	Yes	Yes
8. The application of commercial fertilizer to land.	No	n/a	No	n/a	Yes	n/a
9. The handling and storage of commercial fertilizer.*	No	n/a	No	n/a	Yes	n/a
10. The application of pesticide to land.	No	n/a	Yes	n/a	Yes	n/a
11. The handling and storage of pesticide.	No	n/a	No	n/a	Yes	n/a
12. The application of road salt.	No	n/a	No	n/a	Yes	n/a
13. The handling and storage of road salt.	No	n/a	No	n/a	Yes	n/a
14. The storage of snow.	No	n/a	No	n/a	Yes	n/a
15. The handling and storage of fuel.*	No	n/a	Yes	n/a	Yes	n/a
16. The handling and storage of a dense non-aqueous phase liquid.	No	n/a	No	n/a	Yes	n/a
17. The handling and storage of an organic solvent.	No	n/a	No	n/a	Yes	n/a
18. The management of runoff that contains chemicals used in the de-icing of aircraft.	No	n/a	No	n/a	Yes	n/a
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	n/a	n/a	n/a	n/a	n/a	n/a
20. An activity that reduces the recharge of an aquifer.	n/a	n/a	n/a	n/a	n/a	n/a
21. 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.	No	No	No	Yes	Yes	No
Local Threat - The transportation of fuel by pipeline	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fuel by road, railway and waterways	No	n/a	No	n/a	Yes	n/a
Local Threat - The transportation of fertilizer by road, railway and waterways	No	n/a	No	n/a	Yes	n/a

Notes:
- n/a means that the combination of zone and activity is not applicable. In the case of activities 19 and 20 which pertain to water quantity threats, these will only be identified in a WHPA-Q1 or Q2, through a Tier 3 Water Budget. Current information indicates that there are none of these identified in the LTVSPA. * In areas where event based modelling was used to assess potential threats, this activity may also be considered a significant drinking water threat under the circumstances modelled.