

Thames-Sydenham and Region Source Protection Committee

Threats Policy Discussion Papers

Addendum

Updated November 2, 2012

Policy Numbering History

Policies within the Thames-Sydenham and Region Source Protection Plan have been numbered to provide organization of the policies within the document and within the Source Protection Policy Database. As policies have evolved the numbers have evolved. The following table provides the policy ID used in the database which remains consistent through the various phases of policy development. This number has been used in brackets in most compilations of policies. The policy numbering during pre-consultation and the draft proposed Source Protection Plan are also included in the table. The following table is provided so that the policy numbers provided in the Threats Policy Discussion paper can be related to the numbering used in the Draft Proposed Source Protection Plan. The policies included in section 3 of Volume II and III of the Source Protection Plan are sorted in the order of this number. This is further described in the Anatomy of a Policy included in section 2 Volume II and III of the Source Protection Plan.

Where the Draft Proposed SPP Policy # is blank the policy has been deleted. In some cases these policies may have been merged with policies with a similar approach. Where the Pre-Consultation Policy # is blank a new policy has been added.

Policy Numbering History

PolicyID	Pre-Consultation Policy #	Draft Proposed SPP Policy #	Proposed SPP Policy #
1631	TS.1.1.1	2.01	2.01
1632	TS.1.1.2		
1633	TS.1.1.3	2.02	2.02
1634	TS.1.2.1	2.03	2.03
1635	TS.1.2.2		
1636	TS.1.3.1		
1637	TS.1.3.3		
1638	TS.1.3.5	2.06	2.06
1640	TS.2.1.1	2.07	2.07
1641	TS.2.1.2	2.08	2.08
1642	TS.2.2.1	2.09	2.09
1643	TS.2.3.1	2.10	2.10
1644	TS.2.4.1	2.12	2.12
1645	TS.2.5.1	3.01	3.01
1646	TS.2.5.3	2.14	2.14
1647	TS.2.5.4	2.15	2.15
1648	TS.2.5.5	2.16	2.16
1649	TS.2.5.6	2.17	2.17
1650	TS.2.6.1	2.19	2.19
1651	TS.2.6.2	2.20	2.20
1652	TS.3.1	2.21	2.21
1653	TS.4.1		
1654	TS.4.2	2.22	2.22
1655	TS.6.1		
1656	TS.6.2	2.23	2.23
1657	TS.7.1		
1658	TS.7.2		
1659	TS.7.3	2.24	2.24
1660	TS.7.4		
1661	TS.7.5	2.25	2.25
1662	TS.8.1	2.26	2.26
1663	TS.10.1	2.30	2.30
1664	TS.10.2		
1665	TS.10.4	2.31	2.31
1666	TS.11.1	2.32	2.32

PolicyID	Pre-Consultation Policy #	Draft Proposed SPP Policy #	Proposed SPP Policy #
1667	TS.13.2	3.03	
1668	TS.13.3	2.35	2.35
1669	TS.14.1	2.36	2.36
1670	TS.14.3		
1671	TS.15.2	2.41	2.41
1672	TS.15.3	2.42	2.42
1673	TS.16.1	2.44	2.44
1674	TS.16.2	2.46	2.46
1675	TS.16.3	2.47	2.47
1676	TS.17.1	2.48	2.48
1677	TS.17.2	2.49	2.49
1678	TS.18.1	2.50	2.50
1680	TS.18.2	3.04	
1681	TS.18.3		
1682	TS.21.1	2.51	2.51
1683	TS.21.2	2.52	
1684	TS.21.3	2.53	
1685	TS.LT.1.1	2.54	2.53
1686	TS.LT.1.2	2.55	2.54
1689	G.7.2	1.09	2.52
1690	G.7.3		
1691	G.2.1.2	1.05	1.05
1692	G.6.1 to G.6.2	1.07	1.07
1693	G.3.1,G.3.2.1, G3.3.1,G.3.4.1	1.06	1.06
1694	G.5.1 to G.5.5		
1696	G1.1, G1.2	1.01	1.01
1724	G.2.1.1		
1728	G.2.2.1	1.04	1.04
1735	G.7.1		
1737	TS.2.2.2		
1745	TS.2.3.2	2.11	2.11
1746	TS.2.4.2	2.13	2.13
1747	TS.2.5.2		
1748	TS.2.5.7	2.18	2.18
1749	TS.9.1	2.27	2.27
1750	TS.9.2	2.28	2.28
1751	TS.9.3		

PolicyID	Pre-Consultation Policy #	Draft Proposed SPP Policy #	Proposed SPP Policy #
1752	TS.10.3	3.02	3.02
1755	TS.11.2	2.33	2.33
1757	TS.11.3		
1759	TS.13.1		
1761	TS.14.2	2.37	2.37
1762	TS.15.1	2.38	2.38
1763	TS.15.4	2.40	2.40
1766	TS.15.5		
1768	TS.15.6	2.43	2.43
1772	TS.TP.1.1		
1775	TS.TP.1.2		
1778	TS.TP.1.3	4.04	4.04
1780	TS.TP.1.4	4.05	4.05
1782	TS.TP.1.5	4.06	4.06
1784	TS.TP.1.6	4.11	4.11
1785	TS.TP.1.7	4.10	4.10
1787	TS.TP.1.8	4.08	4.08
1788	TS.TP.1.9	4.09	4.09
1790	TS.SP.1.1	4.01	4.01
1793	TS.SP.1.2	4.02	4.02
1795	TS.SP.1.3	4.03	4.03
1799	TS.1.3.2	2.04	2.04
1805	TS.1.3.4	2.05	2.05
1819	TS.1.3.9		
1866	G.1.3	1.02	1.02
1867	G.1.4	1.03	1.03
2505	15.7	2.39	2.39
2506	9.4	2.29	2.29
2507	9.5		
2614		1.08	1.08
3250		1.10	1.09
3251		1.11	1.10
3255		2.34	2.34
3256		2.45	2.45
3258		4.07	4.07
3282		1.12	1.11

Policies Organized by Threats Sub Category

The following table is reproduced from Appendix B of Volume 3 of the Draft Proposed Source Protection Plan. It is provided as a reference to show the policies which resulted from the examples included in the Threats Policy Discussion Papers. A similar table is available for the policies developed for Oxford County in Volume 3 of the Draft Proposed Source Protection Plan.

Appendix B - Policy Index Tables

List 1 - Policies Organized by Threat Sub Category

General Policies

Pol#	Pol ID	Description
1.01	1696	General Education and Outreach
1.04	1728	Incentive Programs
1.06	1693	General Land Use Planning
1.07	1692	General Restricted Land Use
1.09	3250	Implementation Timing
1.10	3251	Transitional Provisions
1.11	3282	Definition of Existing and Future

Application Of Agricultural Source Material (ASM) To Land

Pol#	Pol ID	Description
2.21	1652	Application of Agricultural Source Material (ASM) to Land - Management
2.52	1689	Compliance Monitoring - Nutrient Management Act

Application Of Commercial Fertilizer To Land

Pol#	Pol ID	Description
2.26	1662	Application of Commercial Fertilizer - Management
2.52	1689	Compliance Monitoring - Nutrient Management Act

Application Of Non-Agricultural Source Material (NASM) To Land (Including Treated Septage)

Pol#	Pol ID	Description
2.23	1656	Application of Non-Agricultural Source Material (NASM) to Land - Prohibition
2.52	1689	Compliance Monitoring - Nutrient Management Act

Application Of Pesticide To Land

Pol#	Pol ID	Description
2.30	1663	Application of Pesticides - Management
2.31	1665	Application of Pesticides - Compliance Monitoring
3.02	1752	Moderate and Low Threat Pesticide Application - Management

Application Of Untreated Septage To Land

Pol#	Pol ID	Description
2.01	1631	Application of Untreated Septage to Land - Prohibition (EPA)
2.02	1633	Application of Untreated Septage to the Land - Inspections

Broad education and outreach programs or incentive programs (not related to DW threats)

Pol#	Pol ID	Description
1.02	1866	Provincial Signage
1.03	1867	Municipal Signage
1.05	1691	Continued Funding of Ontario Drinking Water Stewardship Program

Definitions – Existing, Future and Transition

Pol#	Pol ID	Description
1.10	3251	Transitional Provisions
1.11	3282	Definition of Existing and Future

Handling Of A Dense Non Aqueous Phase Liquid (DNAPL)

Pol#	Pol ID	Description
2.04	1799	Existing Waste Disposal Sites - Management
2.05	1805	Future Waste Disposal Sites - Prohibition
2.44	1673	Existing Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLs) - Management
2.45	3256	Handling and Storage of DNAPL - Education and Outreach
2.46	1674	Future Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLs) - Management
2.47	1675	Future Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLS) - Prohibition

Handling Of Fuel

Pol#	Pol ID	Description
1.08	2614	Restricted Land Use for Event-based Modelled Threats
2.38	1762	Existing Fuel Storage - Management
2.39	2505	Fuel Storage in Event-based Modelled IPZs - Management
2.40	1763	Future Handling and Storage of Fuel - Prohibition
2.41	1671	Handling and Storage of Fuel at Aggregate Operations - Management
2.42	1672	Handling and Storage of Fuel for Use in Back-up Generators - Management

Local Threat

Pol#	Pol ID	Description
2.53	1685	Transportation of Fuel and Fertilizer Along Roads, Railways and Waterways and the Transportation of Liquid Petroleum Through Pipelines - Municipal
2.54	1686	Transportation of Fuel and Fertilizer Along Roads, Railways and Waterways and the Transportation of Liquid Petroleum Through Pipelines

Management Of Runoff Containing Chemicals Used In The De-Icing Of Aircrafts

Pol#	Pol ID	Description
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Management Of Runoff Containing Chemicals Used In The De-Icing Of Aircrafts

Pol#	Pol ID	Description
2.50	1678	Runoff that Contains Chemicals Used in the De-icing of Aircraft - Management

Management Or Handling Of Agricultural Source Material - Agricultural Source Material (ASM) Generation (Grazing and pasturing)

Pol#	Pol ID	Description
2.51	1682	Agricultural Source Material (ASM) Generation Through Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or a Farm Animal Yard

Management Or Handling Of Agricultural Source Material - Agricultural Source Material (ASM) Generation (Yards or confinement)

Pol#	Pol ID	Description
2.51	1682	Agricultural Source Material (ASM) Generation Through Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or a Farm Animal Yard

Sewage System Or Sewage Works - Discharge Of Untreated Stormwater From A Stormwater Retention Pond

Pol#	Pol ID	Description
2.07	1640	Existing Discharge of Stormwater - Management
2.08	1641	Future Discharge of Stormwater from a Stormwater Retention Pond - Prohibition

Sewage System Or Sewage Works - Industrial Effluent Discharges

Pol#	Pol ID	Description
2.19	1650	Existing Industrial Effluent Discharge - Management
2.20	1651	Future Industrial Effluent Discharge - Prohibition

Sewage System Or Sewage Works - Sanitary Sewers and related pipes

Pol#	Pol ID	Description
2.09	1642	Sanitary Sewers and Related Pipes - Management

Sewage System Or Sewage Works - Septic System

Pol#	Pol ID	Description
2.14	1646	Existing Septic Systems - Management
2.15	1647	Future Septic Systems - Prohibition (Land Use Planning)
2.16	1648	Septic Systems - Management (Municipal Act)
2.17	1649	Septic Systems - Inspection Programs
2.18	1748	Septic Systems - Compliance Monitoring
3.01	1645	Moderate and Low Threat Septic Systems - Discretionary Monitoring

Sewage System Or Sewage Works - Septic System Holding Tank

Pol#	Pol ID	Description
2.14	1646	Existing Septic Systems - Management
2.15	1647	Future Septic Systems - Prohibition (Land Use Planning)
2.16	1648	Septic Systems - Management (Municipal Act)
2.17	1649	Septic Systems - Inspection Programs
2.18	1748	Septic Systems - Compliance Monitoring
3.01	1645	Moderate and Low Threat Septic Systems - Discretionary Monitoring

Sewage System Or Sewage Works - Sewage treatment plant bypass discharge to surface water

Pol#	Pol ID	Description
2.10	1643	Existing Sewage Treatment Plant Effluent Discharge - Management
2.11	1745	Future Sewage Treatment Effluent - Prohibition

Sewage System Or Sewage Works - Sewage Treatment Plant Effluent Discharges (Includes Lagoons)

Pol#	Pol ID	Description
2.10	1643	Existing Sewage Treatment Plant Effluent Discharge - Management
2.11	1745	Future Sewage Treatment Effluent - Prohibition

Sewage System Or Sewage Works - Storage Of Sewage (E.G. Treatment Plant Tanks)

Pol#	Pol ID	Description
2.12	1644	Existing Sewage Storage - Management
2.13	1746	Future Sewage Storage - Prohibition

Spills prevention, contingency or response plans along highways, railways, shipping lanes in WHPA/IPZ

Pol#	Pol ID	Description
4.01	1790	Spill Prevention, Spill Contingency and Emergency Response Plans - Municipal
4.02	1793	Spill Prevention, Spill Contingency and Emergency Response Plans - Provincial
4.03	1795	General Spills Awareness

Storage Of A Dense Non Aqueous Phase Liquid (DNAPL)

Pol#	Pol ID	Description
2.44	1673	Existing Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLs) - Management
2.45	3256	Handling and Storage of DNAPL - Education and Outreach
2.46	1674	Future Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLs) - Management
2.47	1675	Future Handling and Storage of Dense Non-Aqueous Phase Liquids (DNAPLs) - Prohibition

Storage Of A Pesticide

Pol#	Pol ID	Description
2.32	1666	Storage of Pesticides - Management
2.33	1755	Future Pesticide Storage (greater than 2500 kg) - Prohibition
2.34	3255	Existing Pesticide Storage (greater than 2500 kg) - Management

Storage Of Agricultural Source Material (ASM)

Pol#	Pol ID	Description
2.22	1654	Storage of Agricultural Source Material (ASM) - Management
2.52	1689	Compliance Monitoring - Nutrient Management Act

Storage Of An Organic Solvent

Pol#	Pol ID	Description
2.04	1799	Existing Waste Disposal Sites - Management
2.05	1805	Future Waste Disposal Sites - Prohibition
2.48	1676	Existing Storage of Organic Solvents - Management
2.49	1677	Future Storage of Organic Solvents - Prohibition

Storage Of Commercial Fertilizer

Pol#	Pol ID	Description
1.08	2614	Restricted Land Use for Event-based Modelled Threats
2.27	1749	Existing Commercial Fertilizer Storage - Management
2.28	1750	Future Commercial Fertilizer Storage - Prohibition
2.29	2506	Commercial Fertilizer Storage in Event-based Modelled IPZs - Management

Storage Of Fuel

Pol#	Pol ID	Description
1.08	2614	Restricted Land Use for Event-based Modelled Threats
2.38	1762	Existing Fuel Storage - Management
2.39	2505	Fuel Storage in Event-based Modelled IPZs - Management
2.40	1763	Future Handling and Storage of Fuel - Prohibition
2.41	1671	Handling and Storage of Fuel at Aggregate Operations - Management
2.42	1672	Handling and Storage of Fuel for Use in Back-up Generators - Management
2.43	1768	Abandoned Fuel Storage Tank - Removal

Storage of Non-Agricultural Source Material (NASM)

Pol#	Pol ID	Description
2.24	1659	Existing Non-Agricultural Source Material (NASM) Storage - Management
2.25	1661	Future Non-Agricultural Source Material (NASM) Storage - Prohibition
2.52	1689	Compliance Monitoring - Nutrient Management Act

Storage Of Road Salt

Pol#	Pol ID	Description
2.35	1668	Road Salt Storage - Prohibition

Storage Of Snow

Pol#	Pol ID	Description
2.36	1669	On-site Snow Storage - Management
2.37	1761	Storage of Snow in Aggregate Operations - Prohibition

Storage, Treatment And Discharge Of Tailings From Mines

Pol#	Pol ID	Description
2.03	1634	Storage of Tailings from Mining Operations - Prohibition

Transport pathways

Pol#	Pol ID	Description
4.04	1778	Professional Standards Maintained for Well Drillers - (MOE)
4.05	1780	Transport Pathway Policy - Municipal
4.06	1782	New Transport Pathway Reporting - Municipal
4.07	3258	New Transport Pathway Reporting Guidance
4.08	1787	Transport Pathways Identification
4.09	1788	Transport Pathways Notification - Provincial
4.10	1785	Provincial Well Inspection
4.11	1784	Transport Pathways Best Management Practices - Municipal

Waste Disposal Site - Landfarming Of Petroleum Refining Waste

Pol#	Pol ID	Description
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - Landfilling (Hazardous Waste)

Pol#	Pol ID	Description
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - Landfilling (Municipal Waste)

Pol#	Pol ID	Description
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - Landfilling (Solid Non Hazardous Industrial or Commercial)

Pol#	Pol ID	Description
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Waste Disposal Site - Landfilling (Solid Non Hazardous Industrial or Commercial)

Pol#	Pol ID	Description
2.04	1799	Existing Waste Disposal Sites - Management
2.05	1805	Future Waste Disposal Sites - Prohibition
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - Liquid Industrial Waste Injection into a well

Pol#	Pol ID	Description
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - PCB Waste Storage

Pol#	Pol ID	Description
2.04	1799	Existing Waste Disposal Sites - Management
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

Waste Disposal Site - Storage Of Hazardous Waste At Disposal Sites

Pol#	Pol ID	Description
2.05	1805	Future Waste Disposal Sites - Prohibition
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees

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

Pol#	Pol ID	Description
2.06	1638	Existing Waste Disposal Sites - Environmental Compliance Fees