

Thames Sydenham Policy Tool Choice Matrix – General –Revised January 2012

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED	
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future
1. Establishment, operation or maintenance of a waste disposal site										
<ul style="list-style-type: none"> Application of untreated septage to land <ul style="list-style-type: none"> CWA Part IV can't be used Used PI to prohibit both existing and future E&O, LUP complementary tools 	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.2iii) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	NS	NS	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.2iii) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.2iii) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.5.0.a) Other-SA (OT.M.3.6.0a) Other-SA (OT.P.3.3.0b)	NS	NS
<ul style="list-style-type: none"> Tailings from mines (Mine tailings in a pit or mine tailings stored using a surface impoundment) <ul style="list-style-type: none"> Investigations during Assessment Report did not identify any existing mine tailings within the region CWA Part IV can't be used E&O, LUP complimentary tools 	E&O (E.2.1,2.2) GAP	E&O (E.2.1,2.2) LUP (LP2.0) GAP Other-SA(OT.M.3.6.0b)	NS	NS	E&O (E.2.1,2.2) GAP Other-SA(OT.M.3.6.0b)	E&O (E.2.1,2.2) LUP (LP2.0) GAP Other-SA(OT.M.3.6.0b)	E&O (E.2.1,2.2) GAP Other-SA(OT.M.3.6.0b)	E&O (E.2.1,2.2) LUP (LP2.0) GAP Other-SA(OT.M.3.6.0b)	NS	NS
<ul style="list-style-type: none"> Waste Disposal Sites <ul style="list-style-type: none"> CWA Part IV tools can't be used Used PI to manage existing through conditions on CofA; for future use PI to prohibit the establishment of a new threat E&O, INC, LUP complementary tools 	E&O (E.2.1,2.2) INC (2,3,3.1,4,6.0) PI-manage-EPA (PI.2.2.2vi) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.4) LUP (LP2.0) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	NS	NS	E&O (E.2.1,2.2) INC (2,3,3.1,4,6.0) PI-manage EPA(PI.2.2.2vi) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.4) LUP (LP2.0) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	E&O (E.2.1,2.2) INC (2,3,3.1,4,6.0) PI-manage EPA(PI.2.2.2vi) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.4) LUP (LP2.0) Other-SW (OT.M.1.2.0) Other-SA(OT.M.3.6.0c)	NS	NS
2. Establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage										
<ul style="list-style-type: none"> Discharge of untreated stormwater from a SWM retention pond <ul style="list-style-type: none"> CWA Part IV tools can't be used Used PI to manage existing through conditions on CofA; for future use PI to prohibit the establishment of a new threat E&O, INC, LUP complementary tools 	E&O (E.2.1,2.2) INC (I2, 3,3.1,4) PI-manage OWRA(PI2.3.2) Other-SA(OT.M.3.6.1g)	E&O (E.2.1,2.2) PI-prohibit OWRA (PI2.3.3) LUP (LP2.0)	NS	NS	E&O (E.2.1,2.2) INC (I2, 3,3.1,4) PI-manage OWRA(PI2.3.2) Other-SA(OT.M.3.6.1g)	E&O (E.2.1,2.2) PI-prohibit OWRA (PI2.3.3) LUP (LP2.0)	E&O (E.2.1,2.2) INC (I2, 3,3.1,4) PI-manage OWRA(PI2.3.2) Other-SA(OT.M.3.6.1g)	E&O (E.2.1,2.2) PI-prohibit OWRA (PI2.3.3) LUP (LP2.0)	NS	NS
<ul style="list-style-type: none"> Sanitary sewer and related pipes <ul style="list-style-type: none"> CWA Part IV tools can't be used Used PI to manage existing and future through conditions on CofA E&O, INC, LUP complementary tools 	E&O (E1.0) INC (I2,3,3.1,4.0,1.7.0, 7.1) PI-manage EPA(PI.2.2.2vii)	E&O (E1.0) PI-manage EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.6.1a,e)	NS	NS	E&O (E.2.1,2.2) INC (I2,3,3.1,4.0,1.7.0, 7.1) PI-manage EPA(PI.2.2.2vii)	E&O (E.2.1,2.2) PI-manage EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.6.1a,e)	E&O (E.2.1,2.2) INC (I2,3,3.1,4.0,1.7.0, 7.1) PI-manage EPA(PI.2.2.2vii)	E&O (E.2.1,2.2) PI-manage EPA(PI.2.2.3) LUP (LP2.0) Other-SA(OT.M.3.6.1a,e)	NS	NS
<ul style="list-style-type: none"> STP effluent discharges (includes lagoons) <ul style="list-style-type: none"> CWA Part IV tools can't be used Used PI to manage existing through conditions on CofA; for future use PI to prohibit the establishment of a new threat E&O, INC, LUP complementary tools 	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA(OT.M.3.6.1b,d,f)	NS	NS	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA(OT.M.3.6.1b,d,f)	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA(OT.M.3.6.1b,d,f)	NS	NS
<ul style="list-style-type: none"> Storage of sewage (e.g. WWTP storage tanks) <ul style="list-style-type: none"> CWA Part IV tools can't be used Used PI to manage existing through conditions on CofA; for future use PI to prohibit the establishment of a new threat E&O, INC, LUP complementary tools 	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA (OT.M.3.5.4) Other-SA(OT.M.3.6.1b,d,f)	NS	NS	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA (OT.M.3.5.4) Other-SA(OT.M.3.6.1b,d,f)	E&O (E.2.1,2.2) INC (I2,3.0,3.1,4.0) PI-manage EPA(PI.2.2.2vii) Other-SA(OT.M.3.6.1d,f)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.5) LUP (LP2.0) Other-SA (OT.M.3.5.4) Other-SA(OT.M.3.6.1b,d,f)	E&O (E.2.1,2.2) ^{1,2} INC (I2,3.0,3.1,4.0) ^{1,2} PI-manage EPA(PI.2.2.2vii) ^{1,2} Other-SA(OT.M.3.6.1d,f) ^{1,2}	E&O (E.2.1,2.2) ^{1,2} PI-prohibit EPA (PI.2.2.5) ^{1,2} LUP (LP2.0) ^{1,2} Other-SA (OT.M.3.5.4) ^{1,2} Other-SA(OT.M.3.6.1b,d,f) ^{1,2}
<ul style="list-style-type: none"> Septic Systems and Holding Tanks (<10 000 L/day) <ul style="list-style-type: none"> CWA Part IV tools can't be used Specific LUP policies since it is currently managed under Ontario Building Code Other-managed through mandatory and discretionary inspection programs E&O, INC complimentary tool 	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0,5.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.M.3.5.3)	E&O (E.2.1,2.2) LUP(LP2.0) LUP-prohibit (LP4.0)	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0,5.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.M.3.5.3)	E&O (E.2.1,2.2) LUP(LP2.0) LUP-prohibit (LP4.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0,5.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.M.3.5.3)	E&O (E.2.1,2.2) LUP(LP2.0) LUP-prohibit (LP4.0)	Other-SA(OT.M.3.7.1) ³	NS
<ul style="list-style-type: none"> Large Septic Systems and Holding Tanks (>10 000 L/day) 	E&O (E.2.1,2.2)	PI-prohibit OWRA	NS	NS	E&O (E.2.1,2.2)	PI-prohibit OWRA	E&O (E.2.1,2.2)	PI-prohibit OWRA	NS	NS

NS-threat is not a significant risk to drinking water; NE-threat has not been evaluated; E&O-education and outreach; INC-incentives; PI-prescribed instrument; LUP-land use planning; RMP-S. 58 risk management Plan; S. 57 PRO-prohibition; RLU-Restricted land uses ;SA-specify action; PEST-Pesticide Act;ARA-Aggregate Resources Act; EPA-Environmental Protection Act; OWRA-Ontario Water Resources Act; NMA-Nutrient Management Act; SDWA-Safe Drinking Water Act; Other SW-stewardship; Other BMP-best management practices; Other SA-specify action; Other PPR-pilot programs and research

*-policies apply only to IPZ-1 vul. score 10; 1-policies apply to WHPA-B vul. score 8; 2-policies apply to WHPA-C vul. score 8; 3-policies apply to mod/low risk; 4-policies apply to all WHPA-B irrespective of vul. score; 5-policies apply to all WHPA-C irrespective of vul. score.

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED		
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future	
<ul style="list-style-type: none"> o CWA Part IV tools can't be used o Currently managed through Ontario Water Resources Act o Specific LUP policies used to support PI o E&O, INC complimentary tool 	INC (I2.0,3.0,3.1,4.0) GAP Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)	(PI.2.3.4) LUP(LP2.0) LUP-prohibit (LP4.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)			INC (I2.0,3.0,3.1,4.0) GAP Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)	(PI.2.3.4) LUP(LP2.0) LUP-prohibit (LP4.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)	INC (I2.0,3.0,3.1,4.0) GAP Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)	(PI.2.3.4) LUP(LP2.0) LUP-prohibit (LP4.0) Other-SA(OT.M.3.5.0b) Other-SA(OT.P.3.3.3)			
<ul style="list-style-type: none"> • Industrial Effluent Discharges o CWA Part IV can't be used o PI used to manage existing through conditions on CofA o E&O, INC complementary tool 	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-manage OWRA(PI.2.3.2)	E&O (E.2.1,2.2) GAP-PI LUP (LP2.0)	NS	NS	NS	NS	NS	NS	NS	NS	
3. Application of ASM to land											
<ul style="list-style-type: none"> • Application of ASM o RMP manage existing and future since NMA has limitations o RLU used for future planning applications o E&O, INC complementary tools 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	NS	NS	
4. Handling/Storage of ASM											
<ul style="list-style-type: none"> • Handling/storage of ASM o RMP manage existing and future since NMA has limitations o RLU used for future planning applications o E&O, INC complementary tools 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) LUP (LP2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) LUP (LP2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	NS	NS	
<ul style="list-style-type: none"> • Temporary storage o Based on NMA definition "temporary field nutrient storage site" means a location that is not a permanent nutrient storage facility and where solid prescribed materials are stored for more than 24 hours" 	NS	NS	NS	NS	PRO (PR2.0ai)	PRO (PR2.0ai) RLU (RL1.0)	PRO (PR2.0ai)	PRO (PR2.0ai) RLU (RL1.0)	NS	NS	
5. Management of ASM											
<ul style="list-style-type: none"> • Aquaculture o Investigations during Assessment Report did not identify any existing aquaculture operations 	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
6. Application of NASM to land											
<ul style="list-style-type: none"> • Application of NASM o Prohibit existing and future occurrences through PI and s.57 prohibition o E&O complementary tool 	NS	NS	NS	NS	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.2ii) PI-prohibit NMA (PI2.4.2) PRO (PR2.0c) Other-BMP (OT.P.2.2.0a,b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) PI-prohibit NMA (PI2.4.2) PRO (PR2.0bi) RLU (RL1.0) Other-BMP (OT.P.2.2.0a,b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.2ii) PI-prohibit NMA (PI2.4.2) PRO (PR2.0bi) Other-BMP (OT.P.2.2.0a,b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.3) PI-prohibit NMA (PI2.4.2) PRO (PR2.0bi) RLU (RL1.0) Other-BMP (OT.P.2.2.0a,b) Other-SA (OT.P.3.3.0a)	NS	NS	
7. Handling/storage of NASM											
<ul style="list-style-type: none"> • Temporary storage of NASM o Based on NMA definition "temporary field nutrient storage site" means a location that is not a permanent nutrient storage facility and where solid prescribed materials are stored for more than 24 hours" o Prohibit existing and future through PI and S.57 prohibit o E&O complementary tool 	NS	NS	NS	NS	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.2i) PRO (PR2.0aiv) Other-BMP (OT.P.2.2.0b) Other-BMP (OT.P.2.2.0a)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.3) PRO (PR2.0aiv) RLU (RL1.0) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.2i) PRO (PR2.0aiv) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-prohibit EPA (PI.2.2.3) PRO (PR2.0aiv) RLU (RL1.0) Other-BMP (OT.P.2.2.0a,b) Other-SA (OT.P.3.3.0a)	NS	NS	

NS-threat is not a significant risk to drinking water; NE-threat has not been evaluated; E&O-education and outreach; INC-incentives; PI-prescribed instrument; LUP-land use planning; RMP-S. 58 risk management Plan; S. 57 PRO-prohibition; RLU-Restricted land uses ;SA-specify action; PEST-Pesticide Act;ARA-Aggregate Resources Act; EPA-Environmental Protection Act; OWRA-Ontario Water Resources Act; NMA-Nutrient Management Act; SDWA-Safe Drinking Water Act; Other SW-stewardship; Other BMP-best management practices; Other SA-specify action; Other PPR-pilot programs and research

*-policies apply only to IPZ-1 vul. score 10; 1-policies apply to WHPA-B vul. score 8; 2-policies apply to WHPA-C vul. score 8; 3-policies apply to mod/low risk; 4-policies apply to all WHPA-B irrespective of vul. score; 5-policies apply to all WHPA-C irrespective of vul. score.

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED	
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future
<ul style="list-style-type: none"> Permanent storage <ul style="list-style-type: none"> Manage existing through PI and RMP E&O complementary tool 	NS	NS	NS	NS	E&O (E.2.1,2.2) PI-manage NMA (PI.2.4.3) RMP-manage (RM1.0, RM2.0) Other-SA (OT.M.3.6.2) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-manage NMA (PI.2.4.3) PRO (PR2.0bi) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) LUP (LP2.0) Other-SA (OT.M.3.6.2) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-manage NMA (PI.2.4.3) RMP-manage (RM1.0, RM2.0) Other-SA (OT.M.3.6.2) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) PI-manage NMA (PI.2.4.3) PRO (PR2.0bi) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) LUP (LP2.0) Other-SA (OT.M.3.6.2) Other-BMP (OT.P.2.2.0b) Other-SA (OT.P.3.3.0a)	NS	NS
8. Application of Commercial Fertilizer to land										
<ul style="list-style-type: none"> Application of commercial fertilizer <ul style="list-style-type: none"> Manage existing and future through RMP since PI isn't an appropriate tool E&O, INC complementary tools 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) Other-BMP (OT.P.2.2.0a) Other-SA (OT.P.3.3.0a)	NS	NS
9. Storage of Commercial Fertilizer										
<ul style="list-style-type: none"> Storage of commercial fertilizer <ul style="list-style-type: none"> Manage existing and future permanent storage through RMP E&O, INC complementary tools 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) RLU (RL1.0) LUP (LP2.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0, RM2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM2.0) LUP (LP2.0)	NS	NS
<ul style="list-style-type: none"> Temporary storage of commercial fertilizer 	NS	NS	NS	NS	PRO (PR2.0aii)	PRO (PR2.0aii) RLU (RL1.0)	PRO (PR2.0aii) RLU (RL1.0)	PRO (PR2.0aii)	NS	NS
<ul style="list-style-type: none"> Transportation of 34 000 kg of fertilizer along corridors (local threat) <ul style="list-style-type: none"> Local threat but not necessarily significant; manage through E&O and SA 	E&O (E.2.1,2.2) Other-SA (OT.M.3.10.0) Other-SA (OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA (OT.M.3.10.0) Other-SA (OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA (OT.M.3.10.0) Other-SA (OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA (OT.M.3.10.0) Other-SA (OT.P.3.6.0)	NE	NE	NE	NE	NE	NE
10 Application of pesticides										
<ul style="list-style-type: none"> Application of pesticides <ul style="list-style-type: none"> Manage existing and future through RMP and PI since PI is not that effective E&O, INC complementary tools 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-manage PEST. (PI.2.5.1) RMP-manage (RM1.0) Other-SA (OT.P.3.3.0c)	E&O (E.2.1,2.2) PI-manage PEST. (PI.2.5.1) RMP-manage (RM1.0) RLU (RL1.0) Other-SA (OT.P.3.3.0c)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-manage PEST. (PI.2.5.1) RMP-manage (RM1.0) Other-SA (OT.P.3.3.0c)	E&O (E.2.1,2.2) PI-manage PEST. (PI.2.5.1) RMP-manage (RM1.0) RLU (RL1.0) Other-SA (OT.P.3.3.0c)	NS	NS
11. Handling/Storage of Pesticides										
<ul style="list-style-type: none"> Handling/storage of pesticides <ul style="list-style-type: none"> Manage existing and future through RMP 	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP1.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP1.0)	NS	NS
<ul style="list-style-type: none"> Temporary storage of pesticides 	NS	NS	NS	NS	PRO (PR2.0aiii)	PRO (PR2.0aiii) RLU (RL1.0)	PRO (PR2.0aiii)	PRO (PR2.0aiii) RLU (RL1.0)	NS	NS
12. Application of Road Salt										
<ul style="list-style-type: none"> Application of road salt <ul style="list-style-type: none"> Manage through E&O, INC Pilot programs and research used to enhance understanding of this threat 	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	E&O (E.2.1,2.2) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	E&O (E.2.1,2.2) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	E&O (E.2.1,2.2) Other-PPR (OT.O.4.1.0) Other-BMP (OT.O2.2.0)	NS	NS
<ul style="list-style-type: none"> Application of waste for dust suppression <ul style="list-style-type: none"> Manage through PI E&O complementary tool 	PI-manage EPA (PI.2.2.2v) Other-BMP (OT.2.3.0.1a)	PI-manage EPA (PI.2.2.3) Other-BMP (OT.2.3.0.1a)	NS	NS	PI-manage EPA (PI.2.2.2v) Other-BMP (OT.2.3.0.1a)	PI-manage EPA (PI.2.2.3) Other-BMP (OT.2.3.0.1a)	PI-manage EPA (PI.2.2.2v) Other-BMP (OT.2.3.0.1a)	PI-manage EPA (PI.2.2.3) Other-BMP (OT.2.3.0.1a)	NS	NS
13. Handling and Storage of road salt										

NS-threat is not a significant risk to drinking water; NE-threat has not been evaluated; E&O-education and outreach; INC-incentives; PI-prescribed instrument; LUP-land use planning; RMP-S. 58 risk management Plan; S. 57 PRO-prohibition; RLU-Restricted land uses ;SA-specify action; PEST-Pesticide Act;ARA-Aggregate Resources Act; EPA-Environmental Protection Act; OWRA-Ontario Water Resources Act; NMA-Nutrient Management Act; SDWA-Safe Drinking Water Act; Other SW-stewardship; Other BMP-best management practices; Other SA-specify action; Other PPR-pilot programs and research

*-policies apply only to IPZ-1 vul. score 10; 1-policies apply to WHPA-B vul. score 8; 2-policies apply to WHPA-C vul. score 8; 3-policies apply to mod/low risk; 4-policies apply to all WHPA-B irrespective of vul. score; 5-policies apply to all WHPA-C irrespective of vul. score.

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED	
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future
<ul style="list-style-type: none"> Handling and storage of road salt <ul style="list-style-type: none"> E&O, INC intended to apply to storage of road salt in any form and temporary storage 	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.3.0.1b,c) Other-BMP(OT.O2.2.0)	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.3.0.1b,c) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.3.0.1b,c) Other-BMP(OT.O2.2.0)	NS	LUP (LP5.0) ³
<ul style="list-style-type: none"> Storage of road salt in any form (solid, liquid, mixed with sand) <ul style="list-style-type: none"> Inventories completed during Assessment Report did not identify salt storage areas where they would be a significant threat 	PRO (PR2.0d)	PRO (PR2.0d) RLU (RL1.0) LUP (LP2.0)	NS	NS	PRO (PR2.0d)	PRO (PR2.0d) RLU (RL1.0) LUP (LP2.0)	PRO (PR2.0d)	PRO (PR2.0d) RLU (RL1.0) LUP (LP2.0)	NS	NS
<ul style="list-style-type: none"> Temporary storage of road salt in licensed or permitted sites under Aggregate Resources Act 	PI-prohibit ARA (PI.2.6.1)	GAP	NS	NS	PI-prohibit ARA (PI.2.6.1)	GAP	PI-prohibit ARA (PI.2.6.1)	GAP	NS	NS
14. Storage of Snow										
<ul style="list-style-type: none"> Storage of snow (on-site storage that excludes snow that has been transported) <ul style="list-style-type: none"> E&O intended to apply to snow that has been transported as well as storage in aggregate operations Manage existing and future threats through RMP LUP complimentary tool 	E&O (E.2.1,2.2) RMP-manage (RM1.0) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-BMP (OT.M.2.3.0.1b) Other-SA(OT.M.3.6.3) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	NS	NS	E&O (E.2.1,2.2) RMP-manage (RM1.0) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-BMP (OT.M.2.3.0.1b) Other-SA(OT.M.3.6.3) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-BMP (OT.M.2.3.0.1b) Other-SA(OT.M.3.6.3) Other-PPR (OT.O.4.1.0) Other-BMP(OT.O2.2.0)	NS	NS
<ul style="list-style-type: none"> Storage of snow which has been transported 	PRO (PR2.0e)	PRO (PR2.0e) RLU (RL1.0) Other-SA(OT.M.3.6.3)	NS	NS	PRO (PR2.0e)	PRO (PR2.0e) RLU (RL1.0) Other-SA(OT.M.3.6.3)	PRO (PR2.0e)	PRO (PR2.0e) RLU (RL1.0) Other-SA(OT.M.3.6.3)	NS	NS
<ul style="list-style-type: none"> Snow storage in aggregate operations 	PI-prohibit ARA (PI.2.6.2)	PI-prohibit ARA (PI.2.6.2)	NS	NS	PI-prohibit ARA (PI.2.6.2)	PI-prohibit ARA (PI.2.6.2)	PI-prohibit ARA (PI.2.6.2)	PI-prohibit ARA (PI.2.6.2)	NS	NS
15. Handling/Storage of Fuel										
<ul style="list-style-type: none"> Handling and storage of fuel <ul style="list-style-type: none"> E&O also applies to the specific circumstances listed below 	E&O (E.2.1,2.2)* INC (I2.0,3.0,3.1,4.0)* Other-SA (OT.M.3.5.4)* Other-SA(OT.M.3.6.5)*	E&O (E.2.1,2.2)* LUP (LP2.0)* Other-SA (OT.M.3.5.4)* Other-SA(OT.M.3.6.5)*	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-SA (OT.M.3.5.4) Other-SA(OT.M.3.6.5)	E&O (E.2.1,2.2) LUP (LP2.0) Other-SA(OT.M.3.5.0d) Other-SA(OT.M.3.6.5)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) Other-SA(OT.M.3.5.0d) Other-SA(OT.M.3.6.5)	E&O (E.2.1,2.2) LUP (LP2.0) Other-SA(OT.M.3.5.0d) Other-SA(OT.M.3.6.5)	NS	NS
<ul style="list-style-type: none"> >250 to 2500 L stored below or partially below grade 	GAP	GAP	NS	NS	GAP	GAP	GAP	GAP	NS	NS
<ul style="list-style-type: none"> Sewage works with backup generators and other liquid fuel powered devices that require fuel storage <ul style="list-style-type: none"> Existing and future managed through PI 	PI-manage OWRA (PI2.3.5)*	PI-manage OWRA (PI2.3.5)*	NS	NS	PI-manage OWRA (PI2.3.5)	PI-manage OWRA (PI2.3.5)	PI-manage OWRA (PI2.3.5)	PI-manage OWRA (PI2.3.5)	NS	NS
<ul style="list-style-type: none"> Water works with backup generators and other liquid fuel powered devices <ul style="list-style-type: none"> Existing and future managed through PI 	PI-manage SDWA (PI.2.7.1)*	PI-manage SDWA (PI.2.7.1)*	NS	NS	PI-manage SDWA (PI.2.7.1)	PI-manage SDWA (PI.2.7.1)	PI-manage SDWA (PI.2.7.1)	PI-manage SDWA (PI.2.7.1)	NS	NS
<ul style="list-style-type: none"> Fuel storage associated with backup generators <ul style="list-style-type: none"> Existing and future managed through RMP 	RMP-manage (RM1.0, RM3.0)*	RMP-manage (RM1.0, RM3.0)*	NS	NS	RMP-manage (RM1.0, RM3.0)	RMP-manage (RM1.0, RM3.0)	RMP-manage (RM1.0, RM3.0)	RMP-manage (RM1.0, RM3.0)	NS	NS
<ul style="list-style-type: none"> Location of fuel tanks at aggregate operations <ul style="list-style-type: none"> Existing and future managed through PI 	PI-manage ARA (PI.2.6.3)*	PI-manage ARA (PI.2.6.3)*	NS	NS	PI-manage ARA (PI.2.6.3)	PI-manage ARA (PI.2.6.3)	PI-manage ARA (PI.2.6.3)	PI-manage ARA (PI.2.6.3)	NS	NS
<ul style="list-style-type: none"> Abandoned fuel sites 	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)*	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)*	NS	NS	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)	Other-SA(OT.P.3.3.0ii; OT.P.3.3.2)	NS	NS
<ul style="list-style-type: none"> Fuel stored in unused tanks 	Other-SA(OT.P.3.3.5)*		NS	NS	Other-SA(OT.P.3.3.5)		Other-SA(OT.P.3.3.5)		NS	NS
<ul style="list-style-type: none"> Fuel handled and stored at gas stations <ul style="list-style-type: none"> Future including expanding prohibited through S.57 	GAP	PRO (PR2.0bii)* PRO –expand (PR2.0g)* RLU (RL1.0)*	NS	NS	GAP	PRO (PR2.0bii) PRO –expand (PR2.0g) RLU (RL1.0)	GAP	PRO (PR2.0bii) PRO –expand (PR2.0g) RLU (RL1.0)	NS	NS
<ul style="list-style-type: none"> Fuel handled and stored at bulk plants, refineries, manufacturers and fuel distributors 	GAP	PRO (PR2.0bii)* PRO-expand (PR2.0g)*	NS	NS	GAP	PRO (PR2.0bii) PRO-expand (PR2.0g)	GAP	PRO (PR2.0bii) PRO-expand (PR2.0g)	NS	NS

NS-threat is not a significant risk to drinking water; NE-threat has not been evaluated; E&O-education and outreach; INC-incentives; PI-prescribed instrument; LUP-land use planning; RMP-S. 58 risk management Plan; S. 57 PRO-prohibition; RLU-Restricted land uses; SA-specify action; PEST-Pesticide Act; ARA-Aggregate Resources Act; EPA-Environmental Protection Act; OWRA-Ontario Water Resources Act; NMA-Nutrient Management Act; SDWA-Safe Drinking Water Act; Other SW-stewardship; Other BMP-best management practices; Other SA-specify action; Other PPR-pilot programs and research

*-policies apply only to IPZ-1 vul. score 10; 1-policies apply to WHPA-B vul. score 8; 2-policies apply to WHPA-C vul. score 8; 3-policies apply to mod/low risk; 4-policies apply to all WHPA-B irrespective of vul. score; 5-policies apply to all WHPA-C irrespective of vul. score.

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED		
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future	
o Future including expanding prohibited through S.57		RLU (RL1.0)				RLU (RL1.0)		RLU (RL1.0)			
• Handling and storage of fuel at permanent and mobile facilities including retail outlets and cardlocks/keylocks o Existing and future managed through RMP	RMP (RM1.0)*	RMP (RM1.0)* RLU (RL1.0)*	NS	NS	RMP-manage (RM1.0)	RMP-manage (RM1.0) RLU (RL1.0)	RMP-manage (RM1.0)	RMP-manage (RM1.0) RLU (RL1.0)	NS	NS	
• Handling and storage of fuel at private outlets other than retail o Existing and future managed through RMP	RMP (RM1.0, RM3.0)* Other-SA(OT.P.3.3.0di)*	RMP (RM1.0, RM3.0)* RLU (RL1.0)* Other-SA(OT.P.3.3.0di)*	NS	NS	RMP-manage (RM1.0, RM3.0) Other-SA(OT.P.3.3.0di)	RMP-manage (RM1.0, RM3.0) RLU (RL1.0) Other-SA (OT.P.3.3.0a)	RMP-manage (RM1.0, RM3.0) Other-SA (OT.P.3.3.0a)	RMP-manage (RM1.0, RM3.0) RLU (RL1.0) Other-SA (OT.P.3.3.0a)	NS	NS	
• Transportation of 34 000 L of fuel by road or railway (local threat)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	NE	NE	NE	NE	NE	NE	
• Transportation of 275 00 L of liquid petroleum by pipeline (local threat)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	NE	NE	NE	NE	NE	NE	
• Transportation of 100 000 L of fuel by ship (local threat)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	E&O (E.2.1,2.2) Other-SA(OT.M.3.10.0) Other-SA(OT.P.3.6.0)	NE	NE	NE	NE	NE	NE	
16. Handling/Storage of DNAPLs											
• Handling and storage of DNAPL o Policies are for WHPA-A,B and C irrespective of the vulnerability score	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-prohibit EPA(PI.2.2.2iv) PI-manage EPA(PI.2.2.2iv) RMP-manage (RM1.0) Other-SA (OT.M.3.5.1) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) PI-manage EPA(PI.2.2.3) PRO (PR2.0biii) RMP manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-prohibit EPA(PI.2.2.2iv) PI-manage EPA(PI.2.2.2iv) RMP-manage (RM1.0) Other-SA (OT.M.3.5.1) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) PI-manage EPA(PI.2.2.3) PRO (PR2.0biii) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) ^{4,5} INC (I2.0,3.0,3.1,4.0) ^{4,5} PI-prohibit EPA(PI.2.2.3) ^{4,5} PI-manage EPA(PI.2.2.3) ^{4,5} RMP-manage (RM1.0) ^{4,5} Other-SA (OT.M.3.5.1) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) ^{4,5} PI-prohibit EPA(PI.2.2.3) ^{4,5} PI-manage EPA(PI.2.2.3) ⁴ PRO (PR2.0biii) ^{4,5} RMP-manage (RM1.0) ^{4,5} RLU (RL1.0) ^{4,5} LUP (LP2.0) ^{4,5} Other-SA(OT.M.3.6.4) ^{4,5}	
17. Handling/Storage of Organic Solvents											
• Handling and storage of organic solvents	NS	NS	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-prohibit EPA(PI.2.2.2iv) PI-manage EPA(PI.2.2.2iv) RMP-manage (RM1.0) Other-SA (OT.M.3.5.1) Other-SA(OT.M.3.6.4)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) PI-manage EPA(PI.2.2.3) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-SA(OT.M.3.6.3)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) PI-prohibit EPA(PI.2.2.2iv) PI-manage EPA(PI.2.2.2iv) RMP-manage (RM1.0) Other-SA (OT.M.3.5.1) Other-SA(OT.M.3.6.3)	E&O (E.2.1,2.2) PI-prohibit EPA(PI.2.2.3) PI-manage EPA(PI.2.2.3) RMP-manage (RM1.0) RLU (RL1.0) LUP (LP2.0) Other-SA(OT.M.3.6.3)	NS	NS	
18. Aircraft de-icing – Regional/National Airports											
• Regional/Local (<200 000 passengers per year) o Existing and future managed through RMP o E&O complementary tools	E&O (E.2.1,2.2)* RMP-manage (RM1.0, RM4.0)* Other-SA(OT.M.3.5.2)*	E&O (E.2.1,2.2)* RMP-manage (RM1.0, RM4.0)* RLU (RL1.0)* Other-SA(OT.M.3.5.0d)* Other-SA(OT.M.3.5.2)*	NS	NS	NS	NS	NS	NS	NS	Other-SA(OT.M.3.7.0) ³	Other-SA(OT.M.3.7.0) ³
• National (>200 000 passengers per year) o Existing and future managed through RMP o E&O complementary tools	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) Other-SA(OT.M.3.5.2)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) RLU (RL1.0) Other-SA(OT.M.3.5.0d)	NS	NS	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) Other-SA(OT.M.3.5.2)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) RLU (RL1.0) Other-SA(OT.M.3.5.0d)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) Other-SA(OT.M.3.5.2)	E&O (E.2.1,2.2) RMP-manage (RM1.0, RM4.0) RLU (RL1.0) Other-	Other-SA(OT.M.3.7.0) ³	Other-SA(OT.M.3.7.0) ³	

NS-threat is not a significant risk to drinking water; NE-threat has not been evaluated; E&O-education and outreach; INC-incentives; PI-prescribed instrument; LUP-land use planning; RMP-S. 58 risk management Plan; S. 57 PRO-prohibition; RLU-Restricted land uses ;SA-specify action; PEST-Pesticide Act;ARA-Aggregate Resources Act; EPA-Environmental Protection Act; OWRA-Ontario Water Resources Act; NMA-Nutrient Management Act; SDWA-Safe Drinking Water Act; Other SW-stewardship; Other BMP-best management practices; Other SA-specify action; Other PPR-pilot programs and research

*-policies apply only to IPZ-1 vul. score 10; 1-policies apply to WHPA-B vul. score 8; 2-policies apply to WHPA-C vul. score 8; 3-policies apply to mod/low risk; 4-policies apply to all WHPA-B irrespective of vul. score; 5-policies apply to all WHPA-C irrespective of vul. score.

Threat Type/Sub Type	IPZ – 1 (V=10 only)* (V=9 and 10)		IPZ-3		WHPA-A (100 m)		WHPA-B (V=10)		OTHER AS NOTED		
	Existing	Future	Existing	Future	Existing	Future	Existing	Future	Existing	Future	
		Other-SA(OT.M.3.5.2)				Other-SA(OT.M.3.5.2)		SA(OT.M.3.5.0d) Other-SA(OT.M.3.5.2)			
19. An activity that takes water from an aquifer or a surface water body without returning it to the same source o Relevant in areas where Tier 3 Water Budget has been completed	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
20. An activity that reduces the recharge of an aquifer o Relevant in areas where Tier 3 Water Budget has been completed	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
21. Outdoor Confinement Areas & Livestock pasturing/grazing											
<ul style="list-style-type: none"> Outdoor Confinement Areas <ul style="list-style-type: none"> Existing managed through RMP E&O, INC complementary tools 	GAP E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	GAP E&O (E.2.1,2.2) PRO (PR2.Of) RMP-manage (RM1.0) RLU (RL1.0)	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) PRO (PR2.Of) RMP-manage (RM1.0) RLU (RL1.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) PRO (PR2.Of) RMP-manage (RM1.0) RLU (RL1.0)	NS	NS	
<ul style="list-style-type: none"> Grazing/pasturing <ul style="list-style-type: none"> Existing managed through RMP E&O, INC complementary tools 	GAP E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	GAP E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0)	NS	NS	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0)	E&O (E.2.1,2.2) INC (I2.0,3.0,3.1,4.0) RMP-manage (RM1.0)	E&O (E.2.1,2.2) RMP-manage (RM1.0) RLU (RL1.0)	NS	NS	
Other											
<ul style="list-style-type: none"> Transport Pathways <ul style="list-style-type: none"> Mainly dealt with through SA E&O, INC complementary tools 	E&O (E.2.1,2.2) INC (I2.0,3,3.1,4.0,6.0,6.1) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA(OT.M.3.8.0.2) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) INC (I2.0,3,3.1,4.0,6.0,6.1) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) INC (I2.0,3,3.1,4.0,6.0,6.1) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) INC (I2.0,3,3.1,4.0,6.0,6.1) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) Other-BMP (OT.M.2.8.03) Other-SA (OT.M.3.8.01b) Other-SA (OT.M.3.8.01b) Other SA (OT.O.3.3.0,3.1,3.2)	E&O (E.2.1,2.2) ^{4,5} INC (I2.0,3,3.1,4.0,6.0,6.1) ^{4,5} Other-BMP (OT.M.2.8.03) ^{4,5} Other-SA (OT.M.3.8.01b) ^{4,5} Other-SA (OT.M.3.8.01b) ^{4,5} Other SA (OT.O.3.3.0,3.1,3.2) ^{4,5}	E&O (E.2.1,2.2) ^{4,5} Other-BMP (OT.M.2.3.0.1b) ^{4,5} Other-SA (OT.M.3.8.01b) ^{4,5} Other-SA (OT.M.3.8.01b) ^{4,5} Other SA (OT.O.3.3.0,3.1,3.2) ^{4,5}	
o Wells	Other-SA (OT.M.3.8.0.1c) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.01a) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.0.1c) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.01a) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.0.1c) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.01a) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.0.1c) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.01a) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.01a) Other-SA (OT.P.3.4.1; 4.2)	Other-SA (OT.M.3.8.0.1c) ^{4,5} Other-SA (OT.P.3.4.1; 4.2) ^{4,5}	Other-SA (OT.M.3.8.01a) ^{4,5} Other-SA (OT.P.3.4.1; 4.2) ^{4,5}
o Earth Energy Systems	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d)	Other-SA (OT.M.3.8.0.1d) ^{4,5}	Other-SA (OT.M.3.8.0.1d) ^{4,5}
<ul style="list-style-type: none"> Spills Prevention Plans <ul style="list-style-type: none"> Mainly dealt with through SA E&O, INC complementary tools 	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) Other-SA (OT.M.3.9.0) Other-SA(OT.P.5.1,5.2,5.3)	E&O (E.2.1,2.2) ^{4,5} Other-SA (OT.M.3.9.0) ^{4,5} Other-SA(OT.P.5.1,5.2,5.3) ^{4,5}	E&O (E.2.1,2.2) ^{4,5} Other-SA (OT.M.3.9.0) ^{4,5} Other-SA(OT.P.5.1,5.2,5.3) ^{4,5}	

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