

Comment number	Source of Comment	Chapter	Page	Section	Review comment	SWP Region Response
BS 1	Internal	5		All	shift figures/tables so they properly fit on page	report revised
BS 2	Internal	5 (Appendix)			Include MOE memo on livestock density	added bulletin
BS 3	Internal	4	Figures		Figure numbers have shifted, there are two Figure 4.2-2, or are inconsistent in formatting	revised
BS 4	Internal	4		ToC	Does not have Chapter 4: Assessing.... needs chapter added in	Chapter 4 has been added to the assessment report title.
BS 5	Rama First Nation	11	42	Matter considered by the SPC	Rama First Nation requested additional reference to First Nation drinking water systems in the AR	Paragraph added to Chapter 14 highlighting work already undertaken for Rama and their interest in completing all technical studies so that potentially could be included in AR in future
BS 6	Internal	all municipal chapters	Are or would be figures		All Genivar Figures for "are or would be" maps need to be revised	Maps updated to include revised tables
BS 7	CKL (City of Kawartha Lakes)	1			see Chapter 1 comments for Lake Simcoe AR	Comments have been addressed.
BS 8	CKL	6			remove all reference to Palmina in the well system name. The well system should be referred to as Western Trent	Search and replace conducted to removed Palmina reference, sentence added at the beginning of the report section to indicate that the ToR name was Western Trent-Palmina, but the system was referred to by the CKL as Western Trent.
BS 9	CKL	6	3	6.1	1st sentence - Replace "portion" with "the Western Trent and Palmina subdivision"	Text revised.
BS 10	CKL	6	3	6.1	paragraph 2 - capitalize Assessment	Text revised.
BS 11	CKL	6	3	6.1	paragraph 3 - replace with "there have been no issues identified for the system"	Comment addressed in the Issues section of the report section.
BS 12	CKL	6	3	6.2	1st paragraph - tell the reader which well system is where. i.e. Western Trent system is in Black River and one of the Woods of Manilla wells and the Woodville system are in the Lake Simcoe watershed	Text revised.
BS 13	CKL	6	table 6.1		and preceding paragraph - say "municipal residential"	Text revised. Search and replace conducted to change other naming inconsistencies to "municipal residential".
BS 14	CKL	6	table 6.1		in addition to taking the reference to Palmina away, delete the word "omemee" from Omemee Victoria Glen and delete "Village Estates" from Sonya	Text revised.
BS 15	CKL	6		6.3	after Genivar, 2010c, say "hereafter referred to as 2010c"	Text revised.
BS 16	CKL	6		6.3.1	"municipal residential" instead of municipal	Text revised. Search and replace conducted to change other naming inconsistencies to "municipal residential".
BS 17	CKL	6		6.3.1.3	give some examples of man made structures i.e building foundations, buried pipelines etc.	Text revised.
BS 18	CKL	6		6.3.1.4	begin the last sentence with "Therefore"	Text revised.
BS 19	CKL	6		6.3.1.6	1st paragraph - state here who the technical reviewer is	No change made, text received named Dillon Consulting as the peer reviewer.
BS 20	CKL	6		6.3.3.3	should re-think reference to a web link as this may change	No change made under direction of SGBLS TWG.
BS 21	CKL	6		6.3.3.3.3	typo - delete "Bays"	Text revised.
BS 22	CKL	6	11/12		bottom of pg - space out the greater than or equal to signs	Has been addressed.
BS 23	CKL	6	12		top of pg - don't capitalize "Where"	Text revised.
BS 24	CKL	6	12		2nd last paragraph - typo - should be "where" and not "were"	Text revised.
BS 25	CKL	6	12	6.3.3.5	please include note that there is one parcel of land that has been identified for the application of pesticide to land and the application of non-agricultural source material to land. Please note this parcel should also be identified for the use of land as livestock grazing or pasturing land, an outdoor confinement area, or a farm animal yard. <i>The CKL will provide the parcel information to SGBLS.</i>	Text revised.
BS 26	CKL	6	table 6-2		add 1 parcel under item 21 as per above comment	Text revised.
BS 27	CKL	6	table 6-2		add a notation as footnote that the threat for potential storage of fuel within WHPA is considered to be one threat over the area. This represents 167 parcels of land.	Text revised.

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BS 28	CKL	6	figure 6-1		should be titled City of Kawartha Lakes Drinking Water Systems in the Black-Severn watershed	Has been addressed.
BS 29	CKL	6	figure 6a-4/5/6		updated tables within figures to refer to MOE tables and avoid confusion with Upper Thames River CA threats tool	Has been addressed.
BS 30	CKL	Appendix K			remove all reference to Palmina in the well system name in text and in tables. The well system should be referred to as Western Trent	Have forwarded most up-to-date Technical Memoranda for CKL communities.
BS 31	CKL	Appendix K			remove Woodville from Appendix K front page	Have forwarded most up-to-date Technical Memoranda for CKL communities.
BS 32	CKL	Appendix K			Delete all reference to the Thames River threats tool	Did not find any reference to Thames River threats tool in the Technical Memoranda. Have forwarded most up-to-date Technical Memoranda for CKL communities.
BS 33	CKL	Appendix K			Figure B2-1 on diagram of Pits and quarries B) 3-D model gives mis-conception of hydrogeological conditions around quarries / pits. Groundwater should flow towards the quarry instead of away from the quarry as shown	Have forwarded most up-to-date Technical Memoranda for CKL communities.
BS 34	Public	SW			IPZ-1 includes portion of Severn river below dam and rapids	See Comment BS 36
BS 35	Public				Major concern with road salt from Hwy 11 going almost directly into lake near subdivision water intake. I.e. Roadside Dr. runoff thru canals.	The potential for salt to be a significant threat to the intakes has been addressed in the report. The proportion of impervious surface in the IPZ is used as a proxy for salt application, and greater than 80% of IPZ with impervious surface is needed to be a significant threat. For the all IPZs, impervious surface was less than 80% and therefore application of salt on roads is not considered a threat.. No change to report as already being addressed according to the rules.
BS 36	MOE (Ministry of Environment)			Washago surface water Map9b-1	IPZ-1: Map9b-1 shows that the onshore setback where the IPZ-1 intersects land has not been included in the IPZ. The technical rules require that the onshore portion be included in the IPZ.	Hydrodynamics at the North end of Lake Couchiching are extremely complex due to multiple low lying waterways and convergence of black-Severn Rivers flowing both into and out of the Lake. Due to the high uncertainty of flows and location of many waterways it was decided at the time that accurate delineation is not possible, and hence the entire 1km radius would be applied, invoking Technical Rule 64 to make this modification. More accurate assessment of the IPZ-1, including setback of 120m would require additional work, including field verification that is beyond the current scope of this Assessment Report and current contractual arrangements. Assessment Report has been revised to state why the entire 1km radius was used and including statement that further investigations are required to more accurately delineate the IPZ-1.
BS 37	MOE			Washago surface water Map9b-1	The maps in the report must be clear. Map9b-1 should be divided into two maps: one for Washago surface water system showing IPZ-1 and IPZ-2 and one for Sandcastle Estates surface water system showing IPZ-1 and IPZ-2 as the maps are not clear with both sets of intakes in the same map.	The extra intake shown on these maps is simply to illustrate the proximity of nearby intakes to the IPZ. Figure was not revised.
BS 38	MOE			Washago surface water	IPZ-2: It's unclear if the northern streams flowing into the lake contribute to the intake within the 2 hours time of travel. Detailed information on the flow conditions from these streams should be provided and whether or not they contribute water to the intake.	The north end of Lake Couchiching is a very complex area and there is very limited gauge data. As discussed in Section 7.2, # 4, there is a high level of uncertainty with the delineation in this area and additional work was recommended. Additional text was added to the AR.
BS 39	Muskoka			General	The Draft Proposed Assessment Report for the Black/Severn Watershed presents good background information for the area that can support rational well thought out and technically justified policies and programs. The technical committee should be commended for their work in bringing together the wealth of information found in this document. The comments provided below are generally minor and meant only to improve the background information used in the Source Protection Planning Program.	Noted. Thank you.

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BS 40	Muskoka			Chapter 1	Chapter one is well laid out, clear and a good explanation of the Source Protection Planning process. As Source Protection Planning has evolved in Ontario the process has seemed complex to many. This chapter explains the process, the development of the various required background studies, and how they will be used in developing Source Protection Plans. The flow chart at the end of the chapter is especially helpful in clarifying a complicated process for the public.	Noted. Thank you.
BS 41	Muskoka			Chapter 2	Chapter 2 is the Watershed Characterization report and pulls together many data sources to provide a good overall description of the watershed. As noted in the report, data for this watershed are more limited than other watersheds and estimates were often necessary in order to provide some description of the area. Given that limitation, the following points are raised to strengthen the exiting data and provide more clarity.	Noted.
BS 42	Muskoka				The term 'vegetative cover' should be defined. In section 2.3.1 it states that the Upper Black has the highest percentage of vegetative cover at 84%. In the next paragraph it states that the Upper Black is 98% woodland. Is woodland not a subset of vegetative cover and, therefore, the percent of vegetative cover would have to be higher?	Vegetative cover is defined in Table 2-2. The next paragraph that which indicates the Upper Black has 98% woodland refers to the Upper Black subwatershed which is only one of 8 subwatersheds within the Black-Severn River SPA. Therefore the 84% refers to the entire Black-Severn River SPA and the 98% refers to only a portion of that 84%.
BS 43	Muskoka				In addition to the Lake Partner Program data, the District Municipality of Muskoka has recreational lake water quality data for 28 lakes in the Black/Severn watershed that spans a thirty year period. The program is a joint program with the Ministry of Environment Dorset Environmental Science Centre and monitors a broad suite of parameters including: phosphorous, Secchi disk, TKN, Alkalinity, Calcium, Sulphate, Conductivity and other. Data can be made available in digital form upon request.	The availability of this data is noted and we will request it in future iterations of the Assessment Report.
BS 44	Muskoka				The assumptions used to determine the population level for the southern portion of Muskoka appears to significantly over estimate the results. A more accurate approach would be to eliminate the Crown land portion of the watershed from the calculation of population density and count only the permanent residential properties as defined by MPAC. Revised estimates are provided below. Even with these adjustments it is likely that the percent of the population attributed to these areas will be over estimated. As a result the population densities will also be skewed. For example, it is unlikely that there are any permanent residents in the Township of Muskoka Lakes that live in the Severn watershed, even though the MPAC data indicates a population of 9, as the only developed area is a thin strip of land along the Severn waterway which is water access. The remainder of the area is Crown Land.	The method to determine population in the Black-Severn SPA is consistent with the methods used for entire Source Protection Region. We acknowledge that the population may be over estimated for the Black-Severn SPA and it should be re-evaluated with future iterations of the AR.
BS 45	Muskoka				The assumptions of population increase in the Area Municipalities of Muskoka are misleading. Development and population increase is expected to occur primarily in designated urban centres, as required by the PPS and reflected in the Muskoka and Area Official Plans. There is only limited development anticipated in the more rural areas of the Black and Severn River watersheds.	Text has been modified to indicate most of Muskoka's population and population growth is within the urban centres, which are not located within the BS SPA.