

Non-Point Source Pollution Recommendations

Project Team	Rec #	Project Completion	Implementer	Implementation Target	Recommendation	Status at-a-glance			Status
						Implemented	In Progress	Not Under Consideration at this time	*NOTE* The updates below are provided by the identified implementer(s) and do not necessarily reflect the interpretation of the Alberta Water Council except where the implementers are identified as the 7 Priority Sectors. Those updates are provided by the project manager of the current CEP team.
Non-point Source Pollution	1	21-Mar-13	GoA	June 2014	GoA, with Alberta Environment and Sustainable Resource Development, within one year of the approval and release of this report, identify an internal Non-point Source Pollution lead that will coordinate and facilitate the development of a multi-stakeholder process to set the direction on how to better manage NPSP.	●			Alberta Environment and Parks (AEP) has reviewed the recommendations, identified a Non-point Source Pollution lead, and is currently working to develop next steps.
Non-point Source Pollution	2	21-Mar-13	GoA	June 2015	GoA, with ESRD as lead, through the multi-stakeholder process, coordinates and promotes the development and implementation of a provincial strategic approach. This will set provincial level outcomes and priority research needs for NPSP management. The provincial strategic approach will also outline alignment with existing policy frameworks and the development of regional plans and associated management frameworks. This approach to NPSP will be completed within two years of the approval and release of this report.		●		<p>AEP addresses Non-Point Source Pollution using multiple initiatives including regional and sub-regional planning, policies such as the draft Surface Water Quality Load Management policy and Source Water Protection plans.</p> <p>AEP has developed a draft Surface Water Quality Load Management Policy to enable a load-based approach to surface water quality management in the Province. The policy will complement the implementation of regional water quality management frameworks by enabling decision-makers to achieve desired water quality objectives/conditions. The policy requires that water quality management consideration should be given to all issues for the entire watershed, to include both point and nonpoint sources of loadings. Internal engagement on the draft policy has been completed. Upon management approval, external engagement on the draft policy will be pursued.</p> <p>AEP led the AWC in establishing a project team to provide recommendations on Source Water Protection; however, consensus could not be reached on the project scope. AEP is now considering a new path forward. AEP has developed a guide for source water protection in the South Saskatchewan River Basin that may help to address non-point source pollution.</p>
Non-point Source Pollution	3	21-Mar-13	GoA	June 2015	GoA, with ESRD as lead, within two years of the approval and release of this report, will coordinate a Multi-Sector Implementation Advisory Partnership that will recommend cost effective and practical solutions to address NPSP and support implementation.		●		<p>AEP addresses Non-Point Source Pollution through multiple initiatives and engages with multi-sector groups through those initiatives.</p> <p>The Provincial Surface Water Quality Load Management Policy will develop a framework for implementing flexible policy tools to support load management in a cost-effective, transparent, verifiable and enforceable way amongst contributing parties. AEP has identified a technical advisory committee to assist in developing implementation pieces. Work is currently in progress to develop a guidance document for establishing and implementing maximum allowable loads.</p> <p>The Source Water Protection guide for the South Saskatchewan River Basin addresses sources of non-point source pollution from a variety of sectors.</p>

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Non-point Source Pollution	4	21-Mar-13	GoA	June 2015	GoA, with ESRD as lead, within two years of the approval and release of this report, create and coordinate an NPSP Cumulative Effects Research Partnership to address the gaps in scientific knowledge of all aspects of NPSP in Alberta.		●		Scientific knowledge gaps of NPSP are addressed in other initiatives associated with NPSP, such as the development of the Alberta Surface Water Quality Load Management Policy, the Bow River Phosphorus Management Plan (BRPMP) and the Capital Region – Industrial Heartland Maximum Allowable Load project (CR-IH MAL).
Non-point Source Pollution	5	21-Mar-13	GoA	June 2015	GoA, with ESRD as lead, in collaboration with the NPSP Cumulative Effects Research Partnership, develop an NPSP research strategy within two years of the approval and release of this report, which will lead to better understanding and improved management of NPSP.		●		Development of a research strategy has not yet begun. However, the case studies of the Bow River Phosphorus Management Plan (BRPMP) and the Capital Region – Industrial Heartland Maximum Allowable Load project (CR-IH MAL) may inform requirements for further research. In addition, addressing non-point sources was included under the Healthy Aquatic Ecosystems theme in the recent Alberta Innovates – Energy and Environment Solutions Water Innovation Research call for proposals.