



CITY COUNCIL AGENDA REPORT

Subject: STURGEON RIVER WATERSHED ALLIANCE

Recommendation(s)

That the Sturgeon River Watershed Alliance Steering Committee Terms of Reference provided as Attachment 1 dated May 23, 2014, be approved.

Purpose of Report

A key recommendation from the Sturgeon River State of the Watershed Report was to establish an inter-municipal Sturgeon River Watershed group to address the other recommendations in the Report. A draft Terms of Reference for the inter-municipal group, now named the Sturgeon River Watershed Alliance, was completed by the elected officials Steering Committee and is being presented to Council for their approval.

Council Direction

(C301-2012)

That the State of the Sturgeon River Watershed Report be approved including the City of St. Albert initiatives and the six check-marked recommendations identified in the agenda report.

(C470-2013)

That elected officials be appointed to Council Committees and External Agencies as specified in Attachment 1 to the Agenda Report "Nominating Committee Recommendations – Legislative Appointments" dated November 12, 2013, for a one year term unless otherwise specified.

The 2013/2014 Legislative Appointments are as follows:

Sturgeon River Watershed Alliance – Councillor Prefontaine, Councillor Osborne (alternate)

(C251-214)

That the document "Cultivate a Green Community, Environmental Master Plan 2014" provided as Attachment 1 to the Environmental Master Plan Update Agenda Report dated May 5, 2014 be approved.

Background and Discussion

A key recommendation of the Sturgeon River State of the Watershed Report (2012) was to establish a municipal Sturgeon River Watershed Group to address the issues in the report.

In early 2013, City Administration started working with the North Saskatchewan Watershed Alliance (NSWA) and several other municipalities within the watershed to discuss the scope, membership and develop a terms of reference for the Sturgeon River Watershed Alliance Steering Committee. Following the municipal elections in October the draft terms of reference as well as a cover letter from NSWA were sent to City managers in the watershed requesting the following actions:

- Include the Sturgeon River Watershed Alliance Steering Committee to the list of committees elected officials are appointed to at the beginning of their term.
- Provide the terms of reference and background information on the Sturgeon River Watershed Alliance Steering Committee to municipal Council.
- Appoint a staff member to the Technical Advisory Committee (TAC) which will provide technical support and planning advice to the Sturgeon River Watershed Alliance Steering Committee.

Municipal elected officials in the watershed were appointed to the Sturgeon River Watershed Alliance between November 2013 and February 2014. The first meeting of the Sturgeon River Watershed Alliance Steering Committee was held on March 27, 2014. Elected officials from City of St. Albert, Town of Onoway, Parkland County, City of Spruce Grove, Sturgeon County, Town of Gibbons and the Summer Villages of Lac Ste Anne County East attended the meeting. Attendees were provided with an overview of the Sturgeon River Watershed project, discussed terms of reference and elected a Chair and Vice Chair for the group.

On May 22, 2014, the Sturgeon River Watershed Alliance Steering Committee met for the second time to review and finalize the Steering Committee Terms of Reference (Attachment 1) and discuss the 2014 work plan of the Technical Advisory Committee. The Steering Committee is expected to meet again in September 2014.

Stakeholder Communications or Engagement

The Terms of Reference was developed in collaboration with the North Saskatchewan Watershed Alliance (NSWA), municipal staff representatives and municipal elected officials in the Sturgeon River Watershed. The Terms of Reference were reviewed and approved by the Sturgeon River Watershed Steering Committee on May 22, 2014.

Implications of Recommendation(s)

a) **Financial:**

- Any initiatives or grant applications proposed as part of the City's work with the Sturgeon River Watershed Alliance Steering Committee and Technical Advisory Committee that require approval or funding will be presented to Council for review and approval or as a business case as part of the annual budget cycle.

b) **Legal / Risk:**

- None at this time

c) **Program or Service:**

- None at this time

d) **Organizational:**

- Approval of the Sturgeon River Watershed Alliance Steering Committee Terms of Reference will enable collaborative work to be completed in the watershed, reducing duplication of projects and maximizing resources within each municipality.

Alternatives and Implications Considered

If Council does not wish to support the recommendation, the following alternatives could be considered:

- Do not approve the Sturgeon River Watershed Alliance Steering Committee Terms of Reference and direct Administration to continue work only in St. Albert.
- Further amend the Sturgeon River Watershed Alliance Terms of Reference and direct Administration to work with NSWA and the municipal representatives in the watershed on these proposed changes.
 - The implications of this would require additional time and delay to the work in the watershed.

Strategic Connections

a) Council's Strategic Outcomes and Priorities (See Policy C-CG-02)

- CULTIVATE A GREEN COMMUNITY: A healthy natural environment for future generations that preserves and promotes enjoyment, conservation and responsible development.

1. Protect and maintain the Sturgeon River Watershed.

Working with the region on a watershed plan was identified as one of the priorities under Council's Cultivate a Green Community strategic outcome. By approving the Sturgeon River Watershed Alliance Terms of Reference, Council will have initiated this priority.

- **CULTIVATE EXCELLENCE IN GOVERNMENT:** A responsive, accountable government that delivers value to the community.

4. Maintain fiscal responsibility and transparency.

Working collaboratively with the region on a watershed management plan for the Sturgeon River Watershed provides the opportunity for the City to utilize funding available for municipal partnerships.

- b) Long Term Plans – Goals, targets and initiatives in the following long term plans support the creation and work of a municipal watershed partnership:
 - Environmental Master Plan
 - Downtown Area Redevelopment Plan
 - Utilities Master Plan
 - Heritage Management Plan
 - Tourism Master Plan
 - Recreation Master Plan
 - Red Willow Park Master Plan and Red Willow Park master Plan West Update
- c) Corporate Objectives (See Corporate Business Plan)
 - Deliver programs and services that meet or exceed our standards
 - Exercise strong fiscal management
 - Ensure our customers are very satisfied
- d) Council Policies
 - Environmental Policy (C-EUS-01)
- e) Other Plans or Initiatives – Initiatives in the following City plans and reports support the objectives of the Sturgeon River Watershed Alliance:
 - Sturgeon River State of the Watershed Report
 - Water Conservation, Efficiency and Productivity Plan
 - Parks and Open Spaces Management Plan

Attachment(s)

1. Sturgeon River Watershed Alliance Steering Committee Terms of Reference
May 22, 2014

Originating Department(s):	<i>Strategic Services</i>		
Author(s):	<i>Meghan Myers, Environmental Coordinator</i>		
General Manager Approval:	<i>Maya Pungur-Buick, General Manager</i>		
City Manager Signature:		Date:	

**Sturgeon River Watershed Alliance
Steering Committee
Terms of Reference
May 23, 2014**

PURPOSE

The Sturgeon River Watershed Alliance Steering Committee has two primary objectives:

- to build on the findings of the *Sturgeon River State of the Watershed Report* by overseeing the development of a management plan for the Sturgeon River watershed
- to work together collaboratively on an ongoing basis to implement the management plan recommendations. These recommendations will be provided to all municipalities within the watershed and to the Government of Alberta.

MEMBERSHIP

Membership is determined annually, with requests for representatives sent from the Steering Committee Chair to all member municipalities in September/October, to allow time for council committee appointments in November. Stakeholders must declare active or informed membership status prior to the first meeting of the year.

Since not all municipalities in the watershed are able to participate due to various constraints, a second membership category will include “Informed Members”, who will receive information and updates about the Alliance and can choose to participate in future if resources permit.

A membership schedule listing active and informed members will be prepared annually.

VOTING

One vote is assigned to each active member municipality and First Nation. Quorum shall consist of 50% + 1 of the Steering Committee members, and will be determined based on confirmed active membership. A Chair and a Vice-Chair will be elected among the voting members at the first Sturgeon River Watershed Alliance Steering Committee meeting and subsequently each year thereafter.

Every reasonable effort will be made to achieve consensus in decisions and recommendations.

Where consensus cannot be reached, decisions and recommendations of the Steering Committee will be made by simple majority vote provided that a quorum of members is present. Voting can also be submitted electronically through email in times when a decision is required quickly but quorum cannot be reached. Dissenting votes will be noted and recorded.

TECHNICAL ADVISORY COMMITTEE

The Sturgeon River Watershed Alliance Technical Advisory Committee (TAC) will consist of one staff member or elected official representative from each member municipality; one representative from each member First Nations Reserve; industry representatives; non-governmental organizations, Government of Alberta and learning institutions. The participation of elected officials will be from those municipalities where there are limited

staff resources available to participate on the TAC. The TAC will provide technical support and advice to the Steering Committee.

MEETINGS

Meetings of the Sturgeon River Watershed Alliance Steering Committee will be held a minimum of twice per year, or at the call of the Chair or majority of voting members.

The North Saskatchewan Watershed Alliance (NSWA) will provide administrative and technical support and will house the official records.

STEERING COMMITTEE ROLES AND RESPONSIBILITIES

- approve the Terms of Reference for the Technical Advisory Committee
- approve work plans proposed by the Technical Advisory Committee
- ensure time and resources are available for TAC members to provide dedicated time to the Sturgeon River Watershed Alliance
- seek funding sources
- commit to communicate project updates with their respective municipal councils, municipalities outside of the watershed, and others
- oversee the development of the *Sturgeon River Watershed Management Plan (SRWMP)* by the Technical Advisory Committee
- ensure the *SRWMP* is prepared in consultation with local and regional stakeholders
- approve the final *SRWMP* as well as a program for the monitoring goals and evaluation of the outcomes
- integrate the *SRWMP* with municipal strategic and operational processes
- forward project findings, recommendations and implementation actions to appropriate government agencies, municipal representatives and non governmental organizations.

Sturgeon River Watershed Alliance Steering Committee Background Document

OVERVIEW

A collaborative approach is being proposed to develop and implement a watershed management plan for the Sturgeon River watershed. The Steering Committee would consist of municipalities and First Nations located within the watershed.

The proposed Steering Committee has two primary objectives:

- To build on the findings of the *Sturgeon River State of the Watershed Report* by developing a management plan for the Sturgeon River watershed.
- To work together collaboratively on an ongoing basis to implement its recommendations. These recommendations will be provided to all municipalities within the watershed and the Government of Alberta.

This background document provides the context for the formation of the Steering Committee and will provide information on the following topics:

- The Sturgeon River watershed
- *Water for Life: Alberta's Strategy for Sustainability*
- Key Steps in Watershed Management Planning
- Work Completed in the Sturgeon River watershed to date
 - *Big Lake Task Force* (2007)
 - *Capital Region Growth Plan* – Capital Region Board (2010)
 - *Sturgeon River State of the Watershed Report* (2012)
 - *Integrated Watershed Management Plan for North Saskatchewan River in Alberta* (2012)– North Saskatchewan Watershed Alliance
- Future Opportunities
 - Partnership Approach
 - Development of the *Sturgeon River Watershed Management Plan*

STURGEON RIVER WATERSHED

A watershed is an area of land that contains streams and rivers that all drain into a single larger body of water such as a river, lake or ocean. A watershed contains farmlands, municipalities, forests, grasslands, wildlife and roads.

The Sturgeon River is a non-glacial river which flows approximately 260 km eastward from its headwaters upstream of Lake Isle to its confluence with the North Saskatchewan River near Fort Saskatchewan (see attached *Sturgeon River Watershed Map*). It incorporates a drainage area of approximately 3,301 km² and the watershed is home to a population of approximately 140,000.

WATER FOR LIFE: ALBERTA'S STRATEGY FOR SUSTAINABILITY

Water for Life: Alberta's Strategy for Sustainability was created by the Alberta Government in 2003 in response to conflicting and increasing pressures on Alberta's water supplies.

The three goals of the strategy are to preserve and maintain:

- Safe, secure drinking water supplies
- Healthy aquatic ecosystems

- Reliable, quality water supplies for a sustainable economy

To achieve these goals, the strategy emphasizes action in three key areas:

- Knowledge and research
- Partnerships
- Water conservation

Water for Life identifies three types of partnerships to lead collaborative watershed planning in Alberta: (1) the Alberta Water Council; (2) Watershed Planning and Advisory Councils; and (3) Watershed Stewardship Groups.

The Alberta Water Council (AWC) is a multi-stakeholder partnership with members from governments, industry and non-government organizations. The Council works at a provincial scale to monitor and steward the implementation of the *Water for Life* strategy.

Watershed Planning and Advisory Councils (WPACs) are regional organizations with the mandate to engage governments, stakeholders, other partnerships and the public in watershed assessment and planning. WPAC boundaries are delineated on the basis of Alberta's major river basins. There are 11 WPACs in Alberta. The North Saskatchewan Watershed Alliance (NSWA) is the WPAC for the North Saskatchewan River watershed in which the Sturgeon River watershed is located. The NSWA takes a leadership role in watershed planning, state of the watershed reporting, outreach and education.

Watershed Stewardship Groups (WSGs) include a range of local organizations with diverse mandates. These groups undertake actions to raise awareness or physically improve their watersheds or local water bodies. As part of these actions, WSGs may undertake local watershed assessment and planning activities. The Sturgeon River Watershed Management Plan Steering Committee would be classified as a Watershed Stewardship Group.

KEY STEPS IN WATERSHED MANAGEMENT PLANNING

The Alberta Water Council published a document entitled *Recommendations for a Watershed Management Planning Framework for Alberta* which summarizes the watershed management process as six key activities: *collaborate, assess, plan, do, check, and react*.

<u>COLLABORATE</u>	Assemble stakeholders from the defined watershed area and form a partnership governed by principles of inclusiveness, transparency, consensus decision-making and shared learning.
<u>ASSESS</u>	Assess the current state of the watershed. This step helps to identify the key issues that need to be addressed in a plan.
<u>PLAN</u>	Prepare a watershed management plan. This plan establishes desired outcomes and outlines the actions needed to achieve them.
<u>DO</u>	Implement the actions in the plan.
<u>CHECK</u>	Monitor results and report to the partnership, public and others on the progress made towards achieving the outcomes identified in the plan.
<u>REACT</u>	Revise the watershed management plan, actions or outcomes to accommodate new circumstances or information.

WORK COMPLETED IN THE STURGEON RIVER WATERSHED

Big Lake Task Force (2007)

The Big Lake Task Force was a partnership of seven municipalities in the Sturgeon River watershed (City of Edmonton, City of Spruce Grove, City of St. Albert, Town of Stony Plain, Parkland County, Sturgeon County and Lac Ste. Anne County) that collaborated on the completion of a storm water master plan for the river basin. The main objectives of the plan were to facilitate orderly development, prevent flooding problems downstream of development areas, protect the environment and plan for future generations. One of the major tasks of the plan was to discuss watershed issues with member municipalities and landowners, and to provide interim results to the public through a series of public meetings and presentations to municipal councils.

One of the recommendations from the *Big Lake Storm Water Master Plan* was that a watershed management plan should be developed for the basin. A multi-stakeholder group was organized and met between 2007 and 2009 to initiate this work. However, it was unable to collaborate effectively and made limited progress in watershed planning.

Capital Region Growth Plan - Capital Region Board (2010)

In response to increasing development in the Capital Region, the Government of Alberta approved *Growing Forward: the Capital Region Growth Plan* on March 31, 2010. The *Growth Plan* addresses a wide range of growth and development issues affecting the member municipalities by providing principles and policies that promote integrated, efficient and sustainable growth in the Capital Region. The primary purpose of the Land Use Plan component is to manage growth sustainably and in a manner that protects the region's environment and resources, minimizes the regional footprint, strengthens communities, increases transportation choice, ensures efficient provision of services and supports regional economic development. Within the core principle entitled *Protect the Environment and Resources* the key policies include:

- Preserve and protect the environment
- Preserve agricultural lands
- Protect natural resources
- Minimize the impact of development on regional watersheds and airsheds
- Minimize the impact of heavy industrial development.

Sturgeon River State of the Watershed Report (2012)

The preparation of a State of the Watershed Report represents the **ASSESS** step in watershed management planning under *Water for Life*. The purpose of a State of the Watershed Report is to summarize the current knowledge of the watershed with respect to land use, water quantity, water quality, fisheries and selected biological indicators, and to comment on the environmental integrity of the watershed.

St. Albert residents and City Council recognized the Sturgeon River as an important resource and were concerned about the health of the river. As a priority, St. Albert City Council wanted to complete a study to assess the health of the Sturgeon River flowing through St. Albert. Recognizing that the Sturgeon River within St. Albert is affected by the entire watershed, it was recommended that a watershed scale study be considered. To continue with the momentum of the *Big Lake Task Force* and the former multi-

stakeholder group, the City of St. Albert funded and completed the *Sturgeon River State of the Watershed Report* in May 2012. This report provides an opportunity and a foundation to initiate a municipal partnership for the management of the Sturgeon River watershed. The report was created by the City of St. Albert for use by all stakeholders in the watershed including residents, regulators, policy makers, landowners and industry.

Integrated Watershed Management Plan for North Saskatchewan River in Alberta (2012)

The North Saskatchewan Watershed Alliance (NSWA) is a multi-stakeholder watershed protection and improvement partnership formed in 1997, and incorporated as a non-profit society in 2000. The NSWA provides a forum to recognize and address issues affecting the North Saskatchewan River (NSR) watershed in Alberta. It also initiates and supports activities that will positively impact the watershed. The NSWA is comprised of both individual citizen members and organizational members including: federal, provincial, and municipal governments; industries; utilities; agriculture producer groups; environment and conservation groups; recreation, culture, and tourism groups; and education and research institutions.

The four strategic goals for the North Saskatchewan Watershed Alliance are:

- Provide leadership in watershed planning at all scales through the provision of well-supported information and advice.
- Facilitate watershed research to address issues and inform management actions within the basin.
- Establish an ongoing collaborative planning and management framework for the basin.
- Establish a strong model for NSWA and ensure the organization is sustainable, with sufficient capacity and funding.

In July 2012 the NSWA published an *Integrated Watershed Management Plan for the North Saskatchewan River in Alberta*. The plan serves as advice to the Government of Alberta and all watershed stakeholders to guide future decision making in their respective areas of responsibility and interest. It identifies specific actions that should be implemented, describes the roles and responsibilities of the various players to do so, and presents an implementation strategy based on both voluntary and statutory activities.

FUTURE OPPORTUNITIES

Collaborative Approach

Based on the success of the *Big Lake Task Force*, a collaborative approach is being proposed to support the watershed management needs of the Sturgeon River basin. Formation of the Sturgeon River Watershed Alliance represents the **COLLABORATE** step of watershed management planning in Alberta. As community leaders, municipalities and First Nations councils have an important role to play in guiding watershed stewardship in their counties, cities, towns, villages, summer villages and Reserve lands. By working together to ensure a healthy Sturgeon River watershed all municipalities and First Nations will gain from the associated economic, social and environmental benefits.

Sturgeon River Watershed Management Plan

A watershed management plan does not limit or stop growth, but provides effective guidance when making decisions about the types of activities and development occurring in a community. The development of watershed management advice involves collaborative, long-term thinking and proactive decision-making about key land and water management issues. Watershed plans serve to sustain the health of our aquatic ecosystems. This activity represents the **PLAN** stage of watershed management in Alberta.

Watershed management and the associated stewardship of natural resources are ongoing activities. The completion of watershed reports and watershed management plans are important foundational steps. The Steering Committee will provide future updates to the plan as new information is acquired and as conditions change. This continuum of work represents the **DO**, **CHECK**, **REACT** steps of watershed management in Alberta.