

2014 City of Ottawa Work Plan to support the Water Environment Strategy

Knowledge and Understanding

- Expand the City's groundwater monitoring network for new rural and village development. As per OP 4.4.2.1, developers are required to install monitoring wells, with monitoring to be done by the City.
- Update elevation and other LiDAR (Light Detection and Ranging) data and begin to update the GIS (Geographic Information System) stream and municipal drain mapping.
- Support the development and promotion of Subwatershed Report Cards which track key watershed health indicators.

Planning, Policy and Regulations

- Complete Subwatershed Studies (SWS) for: Cardinal Creek, Jock River – Reach 2 and Mud Creek.
- Review the Subwatershed Process and develop a revised protocol and Terms of Reference for future subwatershed studies and environmental management plans and establish a process for the prioritization of future studies.
- Initiate a Subwatershed Study in Beckett's Creek
- Oversee environmental studies for the Mer Bleue (area 10), Kanata North Part II (area 1), Leitrim (areas 8A, 9A, 9B) and Carp (area 2) urban expansion areas to identify and protect the natural heritage system in those areas (as per Official Plan Section 3.11 and 3.12).
- Work with the CAs to update floodplain and hazardous lands maps and regulation limits in priority streams/ rivers as part of the Floodplain Mapping project.
- Develop Hydrogeological and Terrain Analysis guidelines to assist development review planners in their assessments of rural development applications. The guidelines will advise on the minimum land required for septic systems and wells to ensure protection of groundwater.
- Continue to explore options to secure or protect natural areas through acquisition, donation or other measures, and coordinate efforts by the City, NCC, CAs and other conservation and land trust organizations, to leverage resources, skills and experience to feed into the Water Environment Strategy Phase 2.

Public Engagement and Stakeholder Partnerships
<ul style="list-style-type: none"> • Improve the one-stop window through Ottawa.ca and 311 to streamline responses to watershed-related inquiries and complaints and more effectively direct them to the appropriate City department, Conservation Authority or government agency.
<ul style="list-style-type: none"> • Staff to work with Environment Committee Chair and Vice Chair in hosting the Water Roundtable.
<ul style="list-style-type: none"> • Inform residents about stream clean-ups (building on Clean the Capital, the Great Canadian Shoreline Clean Up and CA efforts) and stewardship of forests (working with CAs and other community groups).
<ul style="list-style-type: none"> • Continue to hold regular meetings between City Staff and Conservation Authorities, to share progress on policy and programs, promote consistency and prioritize joint actions, and invite the City’s CA representatives in these meetings.
<ul style="list-style-type: none"> • Work with Ottawa representatives on the CA Boards of Directors to share the City’s concerns and priorities.
<ul style="list-style-type: none"> • Hold Inter-Agency meetings to share information and discuss high level priorities, policies and programs
Watershed Programs and Services
<ul style="list-style-type: none"> • Review subwatershed studies and environmental management plans and identify outstanding actions
<ul style="list-style-type: none"> • Establish criteria to prioritize watercourse projects.
<ul style="list-style-type: none"> • Implement measures to stabilize local bank failure/ protect existing walls on Graham Creek
<ul style="list-style-type: none"> • Finalize detailed design of the Carp River Restoration project in association with development proponent
<ul style="list-style-type: none"> • Implement Monaghan Stormwater Management Facility Expansion and begin downstream Jock River drainage improvements
<ul style="list-style-type: none"> • Continue to implement the Pinecrest Creek/ Westboro Retrofit Plan including: green street pilots on Sunnyside and Stewart Street right-of-ways; continue design for stormwater management facility at Baseline Road and Woodroffe Ave.; and completion of the review of social marketing best practices of residential stormwater actions.

<ul style="list-style-type: none">• Complete the Eastern Subwatersheds Stormwater Management Retrofit Study
<ul style="list-style-type: none">• Incorporate a low impact development “LID” demonstration into the CDP for the redevelopment of the Rockcliffe Lands
<ul style="list-style-type: none">• Continue to enhance the Ottawa Rural Clean Water Grants Program to further encourage rural landowners to adopt best practices to protect water quality.
<ul style="list-style-type: none">• As approved by the Province, begin implementation of the Source Protection Plans, that safeguard drinking water sources, including public education and community outreach.