The meeting commenced at 6:30 P.M.

1. ROLL CALL

There were thirteen (13) members present.

2. APPROVAL OF AGENDA

Moved by: Al Hanes
Seconded by: Max Kaiser

THAT the agenda BE APPROVED, as circulated.

CARRIED
3. DECLARATION OF CONFLICT OF INTEREST

There were none.

4. DELEGATION / PRESENTATION

Delegation:

4.1. Meela Melnik-Proud

- Johnston Point Condominium Plan in the Loughborough Lake Wetland Complex, South Frontenac

Meela Melnik-Proud, concerned resident, presented before CRCA Board Members and spoke to Johnston Point Condominium Plan in the Loughborough Lake Wetland Complex, South Frontenac. A summary of her presentation can be found in Attachment 1.

Staff responded to the following two questions which were included in the Ms. Melnik-Proud summary.

Questions 1 - Why did the CRCA choose only to provide information both to us, and to the property owner, that was essentially irrelevant to the issues brought forward in our letter, and to the purpose of the CRCA’s site visit according to Joe Gallivan’s memo? Has the CRCA issued a notice of clarity to the County Planner?

Andrew Schmidt, Supervisor, Development Review responded that staff provided the appropriate information to all parties and confirmed that it was received and understood by County of Frontenac.

Question 2 - Why is the CRCA not fully utilizing its authority and capacity as a technical advisor to straightforwardly assess this development proposal, particularly in terms of the impact of development in the area of lot 15?

Andrew Schmidt, Supervisor, Development Review responded that CRCA fulfilled its roles with respect to this development proposal including comments on an environment impact assessment addendum for the area of lot 15.
Resolution:  060-18
Moved by:  Al Barton
Seconded by:  Max Kaiser

THAT the presentation from Meela Melnik-Proud on Johnston Point Condominium Plan in the Loughborough Lake Wetland Complex, South Frontenac, BE RECEIVED.

CARRIED

The delegation and guests left the meeting at this time.

Staff Presentations:

4.2.  Tom Beaubiah, Manager, Conservation Lands

•  Presentation - Fleet Rationalization  (Attachment 2)

Resolution:  061-18
Moved by:  Max Kaiser
Seconded by:  Ross Sutherland

THAT the presentation from the Manager, Conservation Lands, on Fleet Rationalization, BE RECEIVED.

CARRIED

4.3.  Andrew Schmidt, Supervisor, Development Review

•  Presentation – Development Review Procedures  (Attachment 3)

Resolution:  062-18
Moved by:  Max Kaiser
Seconded by:  Laura Turner

THAT the presentation from the Supervisor, Development Review, on Development Review Procedures, BE RECEIVED.

CARRIED
4.4. Rob McRae, Manager, Watershed Planning and Engineering

- Presentation - Floodplain Mapping Strategy (Attachment 4)

Resolution: 063-18
Moved by: Laura Turner
Seconded by: Max Kaiser

THAT the presentation from the Manager, Watershed Planning and Engineering, on Floodplain Mapping Strategy, BE RECEIVED.

CARRIED

5. APPROVAL OF PREVIOUS MINUTES

5.1. Minutes of May 23, 2018

Moved by: Bert Herfst
Seconded by: Max Kaiser

THAT the minutes of the May 23, 2018 meeting of Cataraqui Region Conservation Authority, BE APPROVED.

CARRIED

6. BUSINESS ARISING

There was none.
7. ITEMS FOR CONSIDERATION

7.1. Appointment of Member to Cataraqui Region Conservation Authority – Loyalist Township (report IR-076-18)

Resolution: 064-18
Moved by: Jim Garrah
Seconded by: Laura Turner

THAT report IR-076-18, Appointment of Member to Cataraqui Region Conservation Authority, BE RECEIVED; and,

THAT the transmittal of member appointment to Cataraqui Region Conservation Authority from Loyalist Township, BE APPROVED.

CARRIED

7.2. Variance Report to end of May 2018 – Operating (report IR-074-18)

Resolution: 065-18
Moved by: Bert Herfst
Seconded by: Garry Hewett

THAT report IR-074-18, Variance Report to the end of May 2018 - Operating, BE RECEIVED; and,

THAT the restatement of the 2018 Operating Budget BE APPROVED as presented.

CARRIED
7.3. **Variance Report to end of May 2018 – Capital (report IR-075-18)**

Resolution: **066-18**
Moved by: Bert Herfst
Seconded by: Max Kaiser

**THAT** report IR-075-18, Variance Report to the end of May 2018 - Capital, BE RECEIVED; and,

**THAT** Capital Project PR00211 – Network Infrastructure Replacement Program, BE CLOSED, with the remaining balance of $1,080 be returned to the Information Technology Reserve Fund; and,

**THAT** Capital Project PR00061 – Little Cataraqui Creek Outdoor Centre – Dishwasher Replacement BE CLOSED, with the remaining balance of $3,502 be returned to the Facilities Reserve Fund; and,

**THAT** Capital Project PR00092 – Lemoine Point Workshop - Renovations BE CLOSED, with the remaining balance of $3,945 be returned to the Lemoine Point Workshop Reserve Fund; and,

**THAT** Capital Project PR00164 – Equipment – Dump Landscape Trailer BE CLOSED, with the final draw of $433 on the Equipment Reserve Fund.

*CARRIED*

7.4. **Fleet Review (report IR-060-18)**

Resolution: **067-18**
Moved by: Laura Turner
Seconded by: Garry Hewett

**THAT** report IR-060-18, Fleet Review, BE RECEIVED; and,

**THAT** staff BE AUTHORIZED to surplus vehicles and equipment as outlined in Report IR-060-18, Fleet Review, and place proceeds of the sales into the corresponding Vehicle and Equipment reserves; and,

**THAT** the annual Automobile Allowance (Mileage) Rate be set to the Canada Revenue Agency Rate ($0.55 for 2018) and updated annually.

*CARRIED*
7.5. Verbal Updates – Tom Beaubiah, Manager, Conservation Lands

Tom Beaubiah, Manager, Conservation Lands, spoke to the following time sensitive items and indicated detailed reports would be forthcoming at a future meeting.

7.5.1. Charleston Outlet Boat Dock Replacement PR00111

In preparing for the outlet boat dock project it has been identified that there is opportunity need to address the deteriorating shoreline abutment as part of the works. The addition of a concrete pre-cast abutment and retaining wall along the edge of the ramp has increased the projected costs, but are necessary to complete the project. An additional draw ($12,000) from the boat ramp reserve is necessary to complete the project.

7.5.2. Hay Bay Dock

The seasonal dock located at the Hay Bay Boat Ramp broke free from its mooring and was not recovered. It was necessary to construct a replacement in order to maintain service. Staff had to purchase approximately $1,500 in materials which will require a draw from the boat ramp reserve to complete the project.

7.5.3. Little Cataraqui Creek Conservation Area Rental House

A water leak has been identified within the bathroom wall of the rental house at the Little Cataraqui Creek Conservation Area. Initial estimates are $5,000 to perform the repairs, however until the wall is opened and fully inspected, costs are unknown. As the residence is inhabited and this is the single bathroom facility, the matter will be addressed as quickly as possible. The repairs will require a draw from the Facilities reserve to complete the necessary work.

Resolution: 068-18
Moved by: Max Kaiser
Seconded by: Gerry Last

THAT the verbal update by the Manager, Conservation Lands of June 27, 2018, BE RECEIVED.

CARRIED
8. MINUTES

8.1. Cataraqui Trail Management Board Minutes

Resolution: 069-18
Moved by: Max Kaiser
Seconded by: Laura Turner

THAT Cataraqui Trail Management Board Minutes of April 26, 2018, BE RECEIVED.

CARRIED

9. COMMITTEE REPORTS

9.1. Report from Planning and Permitting Ad Hoc Committee of June 6, 2018 (Report IR-77-18)

Resolution: 070-18
Moved by: Sand Hay
Seconded by: Gerry Last

THAT the report from the Planning and Permitting Ad Hoc Committee meetings of June 6, 2018 (IR-077-18) BE RECEIVED.

CARRIED


Resolution: 071-18
Moved by: Bert Herfst
Seconded by: Max Kaiser

THAT the report from the Budget Review Committee meetings of June 18, 2018 (IR-078-18) BE RECEIVED.

CARRIED
10. ANNOUNCEMENTS OR INQUIRIES/INFORMATION


Resolution: 072-18
Moved by: Ross Sutherland
Seconded by: Laura Turner

THAT the Report on Communications (IR-079-18) BE RECEIVED.

CARRIED

10.2. Announcement by Max Kaiser

Napanee representative, Councilor Max Kaiser, invited Board Members and staff to participate in a tour of his family farm along the shores of Hay Bay at a future Board Meeting. He indicated that it would be an opportunity to highlight how agricultural best management practices have been used successfully on his family farm in Napanee.

11. MOTIONS / NOTICES OF MOTIONS

There were none.
12. IN CAMERA SESSION

Resolution: 073-18
Moved by: Bert Herfst
Seconded by: Gerry Last

THAT the Full Authority move IN CAMERA.

CARRIED

Resolution: 074-18
Moved by: Max Kaiser
Seconded by: Al Hanes

THAT the Full Authority move out of IN CAMERA and report.

CARRIED

13. ADJOURNMENT

The meeting adjourned at 8:30 P.M. on a motion by Gerry Last, seconded by Laura Turner.
Dear Ms. Campbell,

Thank you for providing us this opportunity for a CRCA delegation. Please find the following details you requested:

- **topic** – Johnston Point: clarity, accountability and transparency in response to Joe Gallivan’s memo and the Hinton and Hinton flyer weighed against the Conservation Authority Act
- what organization you represent, if any – concerned citizens
- who will be presenting – Meela Melnik-Proud, Evonne Potts, Matt Rennie
- who will be attending - We are unsure. Are the CRCA meetings open to public?

Please find below a summary of our anticipated presentation, and attached, the following 5 items which provide clarity and background information:

1. our March 29, 2018 letter to the CRCA
2. Andrew Schmidt’s April 18, 2018 response
3. Joe Gallivan’s memorandum posted to the May 11, 2018 Township Council Agenda (Note: our delegation will be specifically referring to pages 1-3 of the memo).
4. The Hinton and Hinton flyer, Johnston Point.
5. Our June 4th email to Andrew Schmidt (CRCA staff cc’d).

We look forward to the June 27th meeting,

Respectfully, Meela

**Re: June 27, 2018 CRCA delegation on Johnston Point.**

Thank you for this opportunity to speak further with the CRCA concerning Johnston Point.

Matt Rennie and I had applied for Party Status at the OMB appeal hearing on Johnston Point in April 2016, in order to ensure that the species at risk and the many natural heritage constraints on this property were properly addressed and safeguarded in accordance with the OMB ruling issued June 28, 2016.

In a delegation to Township Council last March, we had brought forward more evidence of unauthorized shoreline clearing in the 30m Environmental Protection shoreline buffer that had been negotiated under the draft plan conditions. As with the extensive road construction work, blasting for underground hydro and shoreline clearing reported immediately following the April 2016 hearing, Township Council was once again unaware of this further unauthorized development activity that was occurring on the property.
without benefit permit authorization from the MNRF, and without any details on the MNRF assessment of the proposal required as a condition of draft plan approval, and certainly without final approval.

Our presentation of the video and photographic evidence led to disclosures by council on the addition of the 15th lot, that heightened the concerns over this draft plan revision from a 14-unit to a 15-unit Condominium Plan that we had raised at the OMB. A full 1/3 of the proposed condominium units at the end of Long Bay are located in the most environmentally sensitive area of the property, both in terms of ecological function (ie. overlapping PSW, ANSI, and habitat for Species at Risk) and hydrologic function (ie. erosional buffers that the developer himself had identified for protection in his 2012 EIA). It is our opinion, backed by expert evidence and opinion, that it is fully not aligned with the principles of good land use planning, fully inconsistent with the policy directions established by the PPS, and fully not protecting the contained species at risk.

We feel that given the Blanding’s Turtle is an integral component of both the PSW under the CRCA’s jurisdiction, and the MNRF’s benefit permit considerations, both these agencies needed to be fully co-engaged with planners during the early planning stages to assess the cumulative impact of development in the vicinity of Lot 15. That is ever more so now, given that the main reason for seeking the benefit permit is to allow for the damage and destruction of Blanding’s Turtle habitat, and killing or harming of this individual species in particular.

We brought forward our evidence and concerns to the CRCA in our March 29 letter to Andrew Schmidt. The Township had forwarded our evidence of, and legal opinion on, the shoreline clearing to the County for direction, and we had asked for a delegation at their April 18th council meeting to outline of concerns.

We were unprepared for the County Planner’s response to our delegation, as we had not received the April 18th letter of response from the CRCA until after our meeting. As such, it generated much confusion, misunderstanding and false impressions which still persists, despite our meeting with CRCA staff on April 27th. More damaging is the fact that it has greatly distracted critical attention away from our fundamental concerns that this property had not been properly addressed, the conditions of draft plan have not safeguarded its species at risk and natural heritage environment, and going forward, according to our best expert opinion on the matter, “species and habitat loss will be absolute”.

The CRCA has repeatedly told us that your agency “provides an objective and consistent approach when reviewing Planning Act and Condominium Act applications and when investigating concerns about development under the Regulation. CRCA staff adhere to guidelines and procedures to ensure a high standard of service to our member municipalities and the public. “

It is the same message being delivered to our councilors by way of Mr. Gallivan’s memo, and to unsuspecting potential lot owners as per the Hinton and Hinton flyer which extolling that “both the South Frontenac & The County of Frontenac Land Use Planner’s have agreed that Johnston Point is setting a new standard for Environmental Regulation and “A standard by which all waterfront subdivisions in the County of Frontenac will be measured by, moving forward.”

As per Mr. Gallivan’s opening and closing notes to County council, the main purposes for engaging the CRCA were for a “site visit on April 10th, 2018 ... specifically to look at any possible disturbances within the 30 metre area of the shoreline” and specifically because “The Planning Department relies on comments from the CRCA and the MNRF with respect to environmental protection and ensuring that any conditions of approval related to Natural Heritage are acceptable.”
As far as we can see, your high standard of service provided to our member municipalities and the public, has only helped to protect the interests of development and the sales of lot, not the intended objective of protecting this vulnerable watershed ecosystem that is a treasured and unique natural heritage site.

The only consistent approach by the public agencies we’ve trusted to uphold the Endangered Species Act, the Provincial Policy Statement and the Conservation Authority Act is that of maintaining narrow, linear and discrete frames of reference towards these policies and laws, when what the natural boundaries are demanding of us is complex thinking and holistic engagement and assessment. Johnston Point can indeed set a new “standard by which all waterfront subdivisions in the County of Frontenac will be measured by, moving forward.” In this regard, it is both the gold mine and the canary in the cage.

**Toward this end, we respectfully come before the CRCA in delegation in search of answers to outstanding questions including:**

1. Why did the CRCA choose only to provide information both to us, and to the property owner, that was essentially irrelevant to the issues brought forward in our letter, and to the purpose of the CRCA’s site visit according to Joe Gallivan’s memo? Has the CRCA issued a notice of clarity to the County Planner?

2. Why is the CRCA not fully utilizing its authority and capacity as a technical advisor to straightforwardly assess this development proposal, particularly in terms of the impact of development in the area of lot 15?
Vehicle and Equipment Rationalization:
Improved Efficiency and Functionality
Reviewing the Fleet

What did we do?

• Reviewed capital reserves, operating, and administration costs
• Use within the organization
• Historic service life and condition
Vehicles and Equipment - Review

- Many units currently used to meet functional requirements
- Some items have low use and/or single purposes
- Results in high cost of ownership
- Potential to consolidate
- Need standardization (training, Health and Safety, ergonomics)
- Implement life cycle replacement
  - Service life optimization
Rental Rates

- Charge business units that use the equipment

- Three Components
  1. Reserve contribution for replacement
  2. Administration (licence, insurance, finance)
  3. Operation and Maintenance (fuel, repairs)
Mileage

- Staff occasionally use personal vehicles for business purposes
  - overnight travel, local meetings

- There are mileage accounts in the budget to pay for this

- Mileage rate to be pegged at the Canada Revenue Agency rate (currently $0.55/km) and reviewed annually
Vehicles
Functional Requirements

Administration
• Meetings
• Training
• Program support

Watershed Management
• Engineering
• Plan review, permitting, enforcement site visits
• Transportation of monitoring equipment and materials
Functional Requirements

**Dam Operations**
- Transportation of monitoring equipment and materials

**Forestry**
- Monitoring
- Site Visits
- Client meetings

**Lands - Maintenance**
- Trailering equipment and materials
- Snow plowing and sanding
- Separation between passenger and equipment compartments
Specified Vehicles

Administration and Watershed Management

Compact SUV
- Maximizes space for equipment
- Provides greater ground clearance for rural conditions
- All wheel drive (improved safety)
- Higher ride height for rough terrain (private lanes, construction sites)
- Towing capability for light trailers
Specified Vehicles

Dam Operations, Lands Maintenance and Forestry

Pickup Truck
• Versatility for handling equipment and tools
• Suited for towing heavy equipment and trailers
• High ground clearance for accessing sites
• 4x4 for winter and low traction conditions
Planned Service Life

Pick up truck 4x4
- 7 years
- Heavy service demands

Compact SUV AWD
- 10 years
- Light service demands

Vehicle condition assessed at end of planned service life.
Options to extend service or transfer within the organization
Summary - Vehciles

Current Fleet

1. Compact SUV AWD
2. Compact SUV FWD
3. Pick up truck ¾ T, 4x4
4. Pick up truck ½ T, 4x4
5. Pick up truck ½ T, RWD
6. Pick up truck ¾ T, 4x4
7. Pick up truck ¼ T, RWD
8. Dump Truck 1 T
9. Compact station wagon FWD
10. Compact hatchback FWD
# Summary - Vehicles

## Current Fleet
1. Compact SUV AWD
2. Compact SUV FWD
3. Pick up truck ¾ T, 4x4
4. Pick up truck ½ T, 4x4
5. Pick up truck ½ T, RWD
6. Pick up truck ¾ T, 4x4
7. Dump Truck 1 T
8. Pick up truck ¼ T, RWD (Surplus)
9. Compact station wagon FWD (Surplus)
10. Compact hatchback FWD (Surplus)

## Proposed 2018
1. Compact SUV AWD
2. Compact SUV FWD
3. Pick up truck ¾ T, 4x4
4. Pick up truck ½ T, 4x4
5. Pick up truck ½ T, RWD
6. Pick up truck ¾ T, 4x4
7. Dump truck 1 T
Equipment - Tractors
Functional Requirements

Trail and Property Maintenance
• Mowing, brush hog
• Snow plowing
• Trail surfacing and repairs

Maple Madness
• Transportation for education program and public

Forestry
• Site preparation
Specified Equipment

- 50 Hp – compact size
- Long service life, heavy duty
- Enclosed Cab with heat and AC
- Standard operating controls
- Wide selection of 3Pt attachments
  - Snow Plow
  - Rotary and Flail Mower
  - Post hole
  - Back Hoe
  - Dump Cart
  - Land Plane/Box Blade
  - Pallet Forks
  - Rotavator
Summary - Tractors

Current
• JD 1977
• JD 2520 (sub compact)
• Case IH C60
• JD 5055E
• Kubota M5640

Proposed
• 50 Hp with cab (x3)
Equipment - Mowers, Utility Vehicles, Snowmobiles

Mowers, Utility Vehicles (UTV), Snowmobiles
Functional Requirements

- Mowing
- Trail maintenance
- Property access
- Transportation of staff, equipment and materials
- Snow blowing
- Winter recreation support (grooming ski trails, rink maintenance)
Specified Equipment - Mowers, Utility Vehicles, Snowmobiles

Bobcat 3650
Year Round Functionality

Cab Heat and AC
2 Passenger

Summer
• Mower
• Bucket
• Dump Box

Winter
• Snow Blower
• Sweeper Broom
• Tracks
## Equipment Summary - Current

<table>
<thead>
<tr>
<th>Facility</th>
<th>Mower</th>
<th>UTV</th>
<th>Snowmobiles</th>
<th>Snow Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Little Cat Creek</strong></td>
<td><strong>Kubota 2690 w/cab</strong></td>
<td><strong>JD Gator HPX</strong></td>
<td><strong>Skidoo Citation</strong></td>
<td><strong>Argo 8x8 w tracks/soft cab</strong></td>
</tr>
<tr>
<td></td>
<td>• Mower</td>
<td></td>
<td><strong>Skidoo Grand Touring</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Snow Blower</td>
<td></td>
<td><strong>Skidoo Scandic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Broom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Lemoine Point</strong></td>
<td><strong>Kubota 2560</strong></td>
<td><strong>Kubota RTV 900</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mower</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Mac Johnson</strong></td>
<td><strong>Kubota 2560 w/cab</strong></td>
<td><strong>JD Gator TX 6x4</strong></td>
<td><strong>Skidoo Scandic</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Mower</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Snow Blower</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Broom</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Equipment Model</td>
<td>Mower</td>
<td>Snow Blower</td>
<td>Bucket</td>
</tr>
<tr>
<td>---------------</td>
<td>-----------------</td>
<td>-------</td>
<td>-------------</td>
<td>--------</td>
</tr>
<tr>
<td>Little Cat Creek</td>
<td>Bobcat 3650</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>Lemoine Point</td>
<td>Bobcat 3650</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td>Mac Johnson</td>
<td>Bobcat 3650</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>UTV</td>
<td>RTV 900</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>
Financing Strategy

- Reviewed Administration, Operating, and Reserve costs of vehicles and equipment (the expenses)
- Set a rental rate for each class of vehicle and equipment
- Reviewed each business unit and assessed an expense based upon historical use
Financing Strategy - Vehicles

- Vehicles can be fully funded including contributions to reserves for replacement with a modest reserve contribution increase in 2019

- Vehicle replacement ......
Vehicle Capital - Current

Total Expenditure = $684,000 over the period
Reserve contributions = $50,000 (2018) + $38,000 every year after that.
Reserve balance will always have more than $0 in it.
Reserve contributions = $25,000 (2018) + $30,000 every year after that.
Financing Strategy - Equipment

- Equipment will require a more significant reserve contribution increase
- Equipment replacement ......
Reserve contributions = $77,000 (2018) + $20,000 every year after that.
Reserve contributions = $19,500 (2018), $46,000 (2019-2022), 38,000 (2023-2025) and $20,000 every year after that.
Vehicles:
- $161,000 savings in reserve transfers over the 18 year period

Equipment:
- $104,000 expenditure in reserve transfers over the 18 year period
- This is reserve transfers for replacement only
- There are further savings in operating and administration expenses
**Conclusion**

**Rationalization Results**

- More effective fleet management
  - Reduction in total number of vehicles
  - Opportunity to move vehicles based on age and service life from heavy to light duties as required (service life optimization)
- Improved productivity and equipment use
- Improved versatility of equipment
  - Better tools to do the job
  - Improved working conditions/ergonomics
- Reduced training requirements (standardization)
- Reduced administration, operating and capital costs in the long run
Discussion
Planning & Permitting Ad Hoc Committee (PPAHC)

Update on Activities to June 27, 2018
CRCA Development Review Roles

• Planning

CRCA provides non-binding comments to the approval authority on *Planning Act* and *Condominium Act* applications with respect to natural hazards, natural heritage, water quality and quantity

• Permitting (Ont. Reg. 148/06)

CRCA regulates development, interference with wetlands and alterations to shorelines and watercourses primarily from a natural hazards perspective (flooding and erosion)
1. Update the CRCA Service Delivery Procedures for Plan Review (2013)

2. Update the CRCA Service Delivery Procedures for Ontario Regulation 148/06 (2013)

3. Review proposed CRCA Enforcement Procedures for Ontario Regulation 148/06
Why have these documents?

- Prescribed by the Province - Policies and Procedures for CA Plan Review and Permitting Activities (May 2010)
- Procedural guidance - assist staff with program delivery and ensures consistency in approach to plan review and permitting review activities
- Sets timelines for staff review of applications
- Contribute to a high standard of customer service
Service Delivery Procedures for Plan Review

- Sections and text reorganized and streamlined
- Application submission processes and accounting practices updated to reflect current practice
- Comment timeline protocol revised to acknowledge the range of review periods set by approval authorities
- Text added regarding fee refunds/dispute resolution
- Section added with respect to tribunals (e.g. launching appeals, appearing before a tribunal)
Service Delivery Procedures for Ont. Reg. 148/06

- Sections and text reorganized and streamlined
- Pre-consultation encouraged - text added
- Application checklist procedure updated
- Application submission and communication processes updated to reflect current practice (e.g. email vs. fax)
- Site inspection section expanded to address access, health and safety, and inclement weather
- Expanded text regarding fee refunds / dispute resolution
Enforcement Procedures for Ont. Reg. 148/06

- Outlines CRCA enforcement authority under Section 28 of the *Conservation Authorities Act, R.S.O. 1990*
- Provides procedures for responding to complaints
- Describes and explains applicable legal forms
- Describes stages of a legal proceeding and provides guidance on appropriate courtroom demeanor
- Outlines future legislative changes (e.g. stop work order)
✓ Update the CRCA Service Delivery Procedures for Plan Review (2013)

✓ Update the CRCA Service Delivery Procedures for Ontario Regulation 148/06 (2013)

✓ Review proposed CRCA Enforcement Procedures for Ontario Regulation 148/06
Questions?
Floodplain Mapping Strategy to 2028
Presentation outline

• Floodplain mapping
• CRCA mapping projects
• Prioritization factors
• Capital forecasts
• Next steps

Collins Creek (2014)
Floodplain mapping overview

- Engineering study and digital maps
- Floodwaters: where, how deep, what flow?
- Plan development for the 1:100 year storm
- Streams: runoff from land, channel flow
- Shorelines: wave uprush onto land
Floodplain mapping applications

Plan input:
• Inform municipal policies and plans

Development review:
• Guide development and redevelopment

Flood forecasting & warning:
• Anticipate impacts, help municipalities and residents respond to floods

St. Lawrence River (Gananoque, 2017)
CRCA floodplain mapping projects - inventory

- Fourteen watershed / shoreline study areas
- Great Lakes, rivers, streams, inland lakes
- About 1,500 kilometres overall
- Existing information prepared from 1975 to 2012
- Current project on Buell’s and Butler’s Creeks (Brockville)
Pre 1990
Overall inventory at 2018
CRCA floodplain mapping projects - path forward

- Project management by CRCA
- Work by qualified engineering consultants
- Collaboration with municipal staff, others
- Public consultation
- Average cost = $9,500 per kilometre to prepare
- About 12 – 24 months per project
Funding opportunities

National Disaster Mitigation Program
- Up to 50% Federal government funding for mapping
- Application window open until October 20, 2018
- Projects must be complete by March 31, 2020

Floodplain mapping reserve
- Dedicated funding stream for this class of capital projects
- To be proposed for 2019 and thereafter
Factors to prioritize study areas

1) Does CRCA have mapping for the study area?  
   *(If not, then is it needed?)*

2) Is the mapping still relevant in 2018?  
   *(Given ongoing development, and enhanced mapping techniques)*

3) Which buildings, structures and other assets are at risk?

4) Is there anticipated development / redevelopment?
# CRCA Capital Forecast for 2018 to 2027

<table>
<thead>
<tr>
<th>Study area</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
<th>2026</th>
<th>2027</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buells &amp; Butlers Creeks</td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Little Cataraqui Creek</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Collins Creek</td>
<td></td>
<td></td>
<td>●</td>
<td></td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lake Ontario / St. Lawrence River</td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cataraqui River</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Highgate Creek</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
</tbody>
</table>

*Note: The table indicates the years of capital forecast for each study area.*
Next steps

1) Review existing forecast
2) Confer with municipal staff
3) Propose a forecast to 2028, via the CRCA budget process
4) Apply for Federal funding
Thank you!

Shawn Fairbank C. Tech
Technologist, Water Resources

Erin Oogarah
GIS Analyst

Rob McRae MCIP, RPP
Manager, Watershed Planning & Engineering

Russell Wiginton P.Eng
Technologist, Water Resources