



KAWARTHA CONSERVATION

Discover • Protect • Restore



Lake Management Implementation Action Plan

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Lake Management Implementation Action Plan

- Background
- Action Plan Development
- Proposed Action Plan
- Program Highlights



Background

Issues:

Identified the challenges for each lake including water quality, stakeholder needs, and environmental considerations.

Lake Management Plan

Objectives:

Set the intentions of what the LMP process would work towards. Incorporated the values of community members and lake users.

Lake Management Plan

Actions:

Identified the types of actions and the partners that would be required to achieve the Targets

Lake Management Plan

Priorities:

Prioritized actions based on Lake Management Plan recommendations, community input, and consistency throughout the region.

Lake Management Plan

Project / Program:

Group actions together to form programs and identify projects that will achieve targets, address the issues, and attract investment from other sources.

Implementation Action Plan

What Implementation Means:

- Our beaches are open in the summer
- Healthier fisheries
- Beautifying our communities
- Building a proud community
- Increased recreational base



What Implementation Means:

- Supports our locally grown food
- Improved drinking water quality.
- Building and supporting the community we want to live and play in.



Action Plan Development

The Action Plan began with direction from Council and the Community Advisory Committee

- City of Kawartha Lakes Resolution – December 13, 2017
 - Create a multi-year strategy identifying programs, leads, success measures, and costs using an advisory Task Force
- Task Force Formed - January 2018



Action Plan Development

- Task Force includes representation from City Councillors and staff, members of the Community Advisory Panel (5 cottage associations), representatives from business sectors of the community and one of our Board members.
- 6 Meetings of the Task Force
- Community Advisory Panel
- Our Board of Directors

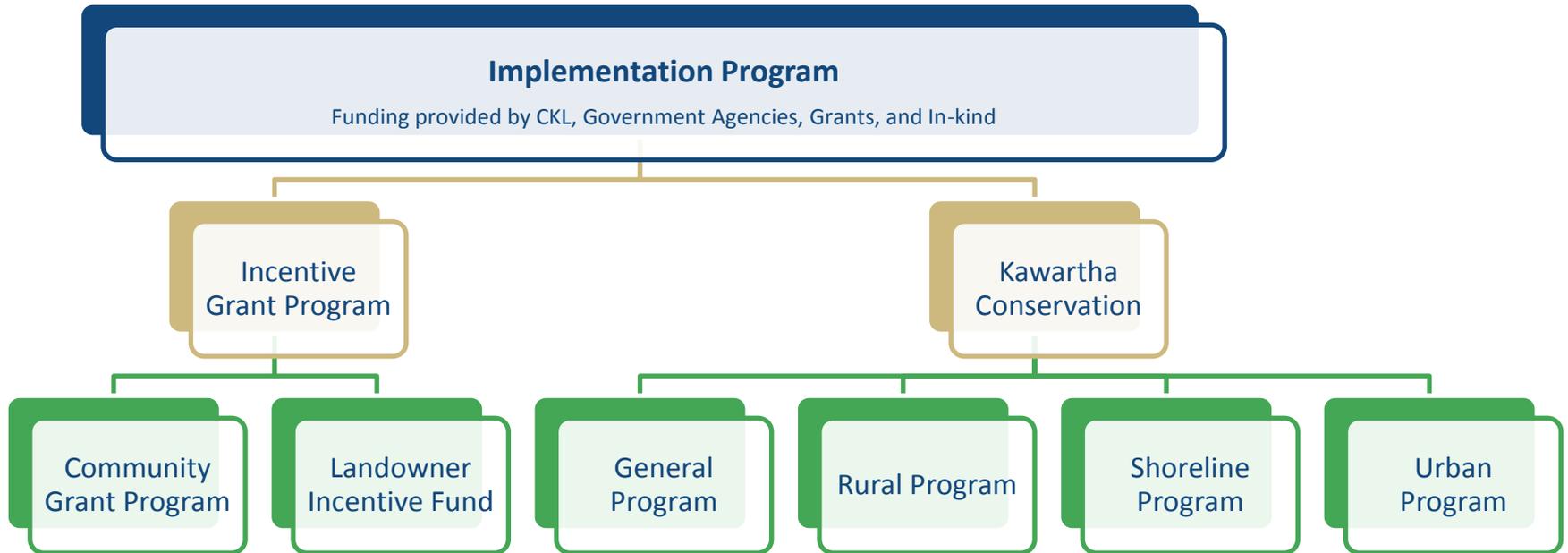


Prioritization Matrix

Recommendation	Strategy	Urban/Rural					Rural			# of Highs(3)	# of Mediums(2)	# of Lows(1)	# of Any	Weighted Value
		Balsam/Cameron	Canal/Mitchell	Scugog	Pigeon	Sturgeon	Four Mile	Head/Rush	Shadow/Silver					
Responsible Development and Construction	Urban and Rural Infrastructure	H	H	H	H	M	H	H	H	7	1	0	8	23
Shoreline Naturalization	Stewardship	H	H	H	H	H	M	H	H	7	1	0	8	23
Urban Stormwater BMP Projects	Stewardship	H	H	H	H	H	M	H	H	7	1	0	8	23
Invasive Species Management	Stewardship	H	H		H	H	H	H	H	7	0	0	7	21
Coordinated Monitoring of Lake Health	Research and Monitoring	M	H	H	H	M	M	H	H	5	3	0	8	21
Septic System Management	Stewardship	M		H	M	H	H	H	H	5	2	0	7	19
Keeping stakeholders informed	Communications and Outreach	H			H	H	H	H	H	6	0	0	6	18
Implementing other community plans	Strategic Planning	H	H		M	H	M	M	H	4	3	0	7	18
Management of Public Waterfronts	Urban and Rural Infrastructure	M	H		M	H	M	H	H	4	3	0	7	18
Public/Technical Advisory Committees	Communications and Outreach	H	H	H	H	H	M			5	1	0	6	17
Stormwater Management Planning	Urban and Rural Infrastructure	H	H	H	H	H				5	0	0	5	15
Aquatic Plant Management Options	Communications and Outreach	H	H		H	H	H			5	0	0	5	15
Agricultural BMP Projects	Stewardship	M	H	H	M	H		L	L	3	2	2	7	15



Proposed Action Plan



Community Grant Program



- Provides support to local groups
- Enables projects that meet local needs
- Builds community engagement



Landowner Incentive Fund



Shoreline Stewardship



Agricultural Stewardship



Urban Stewardship Opportunity



Proposed Action Plan

Kawartha Conservation

- General Programs
- Rural Community
- Shoreline Community
- Urban Community



Shoreline Program



Bobcaygeon Beach Site



Urban Program



Victoria Park Rain Garden – Bluescaping
Demonstration Site



Rainwater Harvesting



Rural Program



Tree Seedling
Distribution



Community
Planting



Agricultural BMP's

Proposed Action Plan

Level 1

- ✓ Presentations at (4) agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative

Municipal funding:	\$13,400
Grant funding:	\$0
In-Kind:	\$700
Total Value:	\$14,100
ROI:	5%

Level 2

- ✓ **Presentations at (7)** agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative
- ✓ **Deliver an Agricultural Stewardship Conference**
- ✓ **Highlight new technologies available to landowners**

Municipal funding:	\$27,900
Grant funding:	\$5,500
In-Kind:	\$1,300
Total Value:	\$34,700
ROI:	24%

Level 3

- ✓ Presentations at (7) agricultural commodity group meetings
- ✓ On-Farm consultation to facilitate the implementation of best management practices
- ✓ Participation in the East Central Farm Stewardship Collaborative
- ✓ Deliver an Agricultural Stewardship Conference
- ✓ Highlight new technologies available to landowners
- ✓ **Implementation of a Soil Health and Water Quality Innovation Pilot Project**

Municipal funding:	\$55,800
Grant funding:	\$80,000
In-Kind:	\$2,100
Total Value:	\$137,900
ROI:	147%

Proposed Action Plan

Level 1	Level 2	Level 3
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Program		2019	2020	2021	2022	2023
Incentive Grant Program						
	Community Grant Program	15,500	15,500	36,500	36,500	36,500
	Landowner Incentive Fund	30,000	30,000	30,000	30,000	30,000
Kawartha Conservation Program						
General Program						
	Implementation Oversight & Coordination	65,700	65,700	65,700	88,700	88,700
	Sedimentation & Erosion Control Planning	33,300	21,400	33,300	21,400	33,300
Rural Program						
	Agricultural Stewardship	27,900	27,900	55,800	27,900	27,900
	Rural Residential Stewardship			38,400	38,400	38,400
	Investigative Upstream Monitoring	34,700	34,700	34,700	44,400	34,700
Shoreline Program						
	Aquatic Plant Control	18,900	18,900	18,900	19,300	
	Shoreline Stewardship	46,000	46,000	46,000	46,000	46,000
	Shoreline Planning & Policy Background	23,300	36,400			
	Near Shore Monitoring	28,600	28,600	28,600	10,300	
Urban Program						
	Bluescaping	33,100	43,700	43,700	43,700	43,700
Total Municipal Investment		357,000	368,800	431,600	406,600	379,200
Grant Funding Leveraged		135,600	140,600	248,100	155,300	140,000
In-kind Support Leveraged		135,100	131,000	151,700	146,800	135,300
Total Project Value		627,700	640,400	831,400	708,700	654,500

Conclusion

- A Plan that empowers our community
- A Plan that attracts investment in our community
- A Plan that focuses on effective in-the-ground projects
- A Plan that supports short and long term deliverables



Questions

