Please see the ***Gulf of Maine Initiative: Application Guidelines*** for instructions on completing this application form.

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| 1. **Organization Information** |  | |
| Name: Association of Canadian Delegates to the Gulf of Maine Council on the Marine Environment | | | |
| Address: Robert Capozi, Secretariat  C/O Department of Environment and Local Government  P.O. Box / CP. 6000 Fredericton, New Brunswick E3B 5H1 | | | |
| Phone: (506) 453-8946 Fax: (   )    -  Email: Robert.Capozi@gnb.ca | | | |
| Organization Type *(select one)*  Non-profit  Aboriginal  University / Academic Institution  Other | | | |
| Website Address *(if available)* www.gulfofmaine.org | | | |
| Charitable/Non-Profit Organization Registration No. *(if available)* | | | |
| Briefly describe your organization’s mandate *(up to 200 words)* | | | |
| The Association of Canadian Delegates to the Gulf of Maine Council on the Marine Environment supports the Canadian activities of the Gulf of Maine Council on the Marine Environment (Council). The Council established in 1989, is focused on completing their 2012-2017 Action Plan (please see the Council's website [www.gulfofmaine.org](http://www.gulfofmaine.org) for more information). They have the following goals:  Goal 1: Restored and Conserved Habitats - We envision a healthy and resilient Gulf of Maine where people and aquatic life thrive.  Goal 2: Environmental and Human Health - Environmental conditions support the health of people and the ecosystem.  Goal 3: Sustainable Communities - People who live and work in communities around the Gulf of Maine have information needed to adapt to the changing environment.  The Council recognizes the importance of developing resources for managers including ecosystem indicator data and information on ecosystem contaminants. The purpose of these resources is to increase the knowledge of decision makers on the key issues affecting the health of the Gulf of Maine. The Council provides information in a form that is easily accessible without compromising scientific validity. The Council has a well demonstrated management capacity to successfully complete projects, such as this one, which build on their existing work. | | | |
| **Project Contacts** | *Contacts must be knowledgeable on the contents of the application.* | | |
| Name: Christine Tilburg | | Name: Donald Killorn | |
| Title: ESIP Program Manager | | Title: Executive Director, Eastern Charlotte Water was | |
| Phone (work): (207) 929-8079 | | Phone (work): (506) 456-6001 | |
| Phone (alternate): (   )    - | | Phone (alternate): (   )    - | |
| Email: ctilburg@securespeed.us | | Email: dkillorn@ecwinc.org | |

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| **2. Project Summary** |  |
| Project Title: Monitoring to understand human impacts on the health of the Gulf of Maine system. | |
| Project Location: New Brunswick and Nova Scotia portions of the Gulf of Maine.  *(community, city, town, region, province within the Canadian side of the Gulf of Maine watershed)* | |
| Start Date January 1, 2015 End Date March 31, 2016 Length 15 months *(maximum 15 months)* | |
| *Please provide a brief summary describing your project (approximately 200 words).*  Since 2006 the Gulf of Maine Council’s EcoSystem Indicator Partnership (ESIP) has been building relationships and bringing together information on indicators to assess the **health** of the Gulf of Maine/Bay of Fundy watershed and coast. For most of the indicators used there are excellent data available for the Bay of Fundy. However, major data gaps exist for critical indicators of human impacts on the health and viability of the Bay of Fundy. These gaps make it difficult to compare the Bay of Fundy region to other regions or to the Gulf of Maine as a whole. Most importantly, without data on how human impacts are affecting the Bay, it will become increasingly difficult to **responsibly** analyze the cost/benefits of coastal development in relation to habitat conservation and **sustainable** ecosystem health in the Bay of Fundy and the Gulf of Maine.  This project will strengthen our understanding of the connection of land-based activities with eutrophication and contaminant stressors to the Bay of Fundy. The current increase in development in the coastal provinces of the Gulf of Maine reflects a 50% increase in human populations between 1910 and 2010. Through targeted sample collection and analysis in the Bay of Fundy, this project will provide data on eutrophication (nitrogen and phosphorus concentrations, water clarity and chlorophyll *a*) and on human-derived contaminants in sediments, information which is critical for assessing the current health of the Gulf of Maine. As this information already exists for the US portions of the Gulf of Maine, products distributed as a result of this project will provide critical information to managers who wish to take a science-based approach to **responsible coastal development in the Canadian provinces**. | |
| Funding amount requested (by fiscal year):  January 2, 2015 to March 31, 2015: 54,410    April 1, 2015 to March 31, 2016: 50,667  Total request: $105,087 | |
| **Prior History with Environment Canada:**  Identify if your organization is a new or returning applicant/recipient of funding from Environment Canada. | |
| First time applying for funding   Previously applied but did not receive funding  Past recipient of funding | |
| Have you applied to other Environment Canada funding programs for this project?  *Yes*  *No*  *If yes, please specify which program(s) and the year funding was provided:*  Note: The Association of Canadian Delegates to the Gulf of Maine Council on the Marine Environment has received EC funds (AEI, HOTO) in previous years for other/different projects. | |

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| 1. **Project Description** |  | |
| 1. **Program Priority: Select one or more of the following Priorities that your project will address:** | |
| Enhance habitat conservation | |
| Inform decisions and actions on responsible development | |
| Increase understanding and monitoring of ecosystem health | |
| Identify and reduce key stressors to ecosystem health | |
| **Project Type: Select one or more of the following Types of Project you will undertake:** | |
| Planning and Coordination | |
| Science, Research and Monitoring | |
| 1. **Project Purpose:**   In a few sentences, explain the purpose of this project. Describe the priority/priorities being addressed, how they will be addressed through this project and why the project is important to the Gulf of Maine ecosystem. | |
| The purpose of this proposal is to address critical data gaps for two major environmental stressors in the watershed, eutrophication and contaminants. The degree of eutrophication in the Gulf of Maine can be assessed by measuring four indicators in the water: nitrogen and phosphorus concentrations, water clarity and the concentrations of chlorophyll *a* all of which are influenced by human activity and coastal development. The contamination of sediments by pollutants (metals and organic compounds) is also influenced by human activities, particularly industrial work associated with development in the watershed. These indicators are affected by point sources (e.g. sewage treatment plants) and non-point sources (e.g. runoff from land during precipitation events). The lack of data for these two important stressors (sediment contamination and eutrophication) greatly hinders our ability to assess the health of the Canadian Gulf of Maine ecosystem and the health of the Gulf of Maine overall. One further benefit to addressing these data gaps through the ESIP process is the ability to look at other significant stressors in the ecosystem. ESIP has already brought complete datasets together for twelve other indicators (including important topics such as climate change and aquaculture)which will enhance the understanding of the overall ecosystem. For further information on all of the priority indicators please see the ESIP webpage: www.gulfofmaine.org/esip.  Results from this project **will provide decision makers with baseline information on these indicators, allowing comparison with stressor levels in US portions of the Gulf of Maine and facilitating educated decisions about future industry build-out and community development in the Canadian portions of the Gulf of Maine. Without this information, responsible coastal development is not possible.**  Filling these critical research and data gaps will also strengthen relationships ESIP currently has with thirteen different organizations and monitoring groups in Nova Scotia and New Brunswick, including two important partners on this project; Eastern Charlotte Waterways and the Clean Annapolis River Project. The sharing of research and results along with partners to develop the fact sheets will further increase the partnership collaboration for the current project along with future efforts. | |
| 1. **Project Goals and Objectives:**   Identify project goals and objectives that will be achieved within the timeframe of the project. Clearly explain how the project will benefit the Gulf of Maine ecosystem. | |
| * Compile existing information indicators of concern (water clarity, chlorophyll *a*, nitrogen loading, phosphorus loading and sediment contamination) to increase understanding of the eutrophication indicators (influenced by nonpoint sources such as impervious surface runoff and similar stressors) and sediment contamination indicators (influenced by point sources of contamination). Currently there is little or no information on these water quality and sediment indicators for these stressors for the Canadian portions of the Gulf of Maine. * Further identify and define research gaps with respect to eutrophication and contaminant indicators. * To increase data collection and sharing opportunities in the region. In particular existing and new information from various organizations will be brought together and delivered through the web-based ESIP Indicator Reporting Tool; an innovative tool that currently provides data for 22 indicators at over 1000 monitoring sites in the Gulf of Maine [www.gulfofmaine.org/esip/reporting]. * To improve the assessment of ecosystem quality monitoring by measuring: 4 indicators of eutrophication; nitrogen and phosphorus loading to the water, water clarity, and chlorophyll *a*, and several indicators of contaminant levels (metal and organic pollutants) in sediments co-located at stations maintained by the Gulf of Maine Council’s Gulfwatch (blue mussel tissue) program. Data on these indicators will allow a better assessment of ecosystem health. * Address priority research and science gaps by designing and conducting an appropriate monitoring plan for these specific eutrophication and contaminant indicators utilizing appropriate members of the 150 expert advisors that compose the ESIP community. * Further identify linkages between indicators of eutrophication and contaminants in sediments and other indicators currently used by ESIP (including precipitations trends, impervious surface coverage, salt marsh extent). * In addition, identify linkages between sediment contamination indicators and Gulfwatch blue mussel tissue data (an ongoing Gulf of Maine Council project with several decades of information available). * Disseminate information to the over 150 expert advisors that donate their time and effort to ESIP. * Outreach to decision-makers via fact sheets and webinars. | |
| **d) Key Activities/Work Plan:**  Describe the proposed project, providing details of the activities to be undertaken, the techniques involved, and planned timelines. | |
| * Develop a sampling plan for traditional water quality (WQ) variables: dissolved oxygen, chlorophyll *a*, total nitrogen, total phosphorus, pH, water clarity (secchi depth) in 6 estuaries in the BoF (Passamaquoddy, Chignecto, Musquash, St. John, Annapolis, and Minas/Cobequid); 20 stations per estuary. Methodology to match US Environmental Protection Agency (EPA) protocol. * Develop a sampling plan for traditional sediment contamination variables (such as metals, and organic pollutants including polychlorinated biphenyls, polynuclear aromatic hydrocarobons and pesticides). Methodology to match EPA National Coastal Assessment protocol. * Bring together a community of data sharing and opportunities centered around the above sampling plans. Possible results could be stronger relationships and knowledge sharing with respect to partners within ESIP and the project. In addition, all datasets will be made available through the webtools available for delivering data with others in the region. * Collect samples and analyze for variables noted above. * Deliver data for all indicators through the ESIP Indicator Reporting Tool. Prepare and deliver a Coastal Development Fact Sheet discussing impervious surface, changes to human populations, and point sources of contamination in the Gulf of Maine. Previous Fact Sheets developed by ESIP on aquatic habitats, climate change, and other topics can be found at: http://www.gulfofmaine.org/2/esip-fact-sheets/. * Prepare and deliver webinars to decision-makers. ESIP Program Manager will determine specific topics by getting consensus from the ESIP community brought together in this project. Potential topics could include impervious surface, run-off and impacts down stream from land based activities. * Prepare and deliver a two page fact sheet for decision makers specifically highlighting results from the project – including address how data gaps were approached and completed. | |
| Please provide a **detailed** project work plan below, describing the activities and time frames. | |
| |  |  |  | | --- | --- | --- | | Activity | Description & Results | Time Frame | | Develop water quality and sediment sampling plans. | Station locations and methodologies will be identified. | Month 1-3 | | Develop and deliver Coastal Development Fact Sheet. | Coastal Development Fact Sheet produced and delivered | Month 1-3 | | Collect sediments and deliver to labs for analysis. | Samples will be collected and delivered to the appropriate laboratories, produce data report. Protocol matching US EPA National Coastal Assessment methodology used to facilitate data sharing and utilization across transboundary area. | Month 2-7 | | Sample stations for water quality variables. | Collect samples for WQ variables. | Month 6-7 | | Analyze sample for water qualities variables. | Analyze samples for WQ variables; produce data report and digital file. Protocol matching US EPA methodology used to facilitate data sharing and utilization across transboundary area. | Month 7-10 | | Deliver all data through the Indicator Reporting Tool. | www.gulfofmaine.org/esip/reporting. | Month 10-11 | | Develop and distribute two page fact sheet focused on analysis of parameters in the Canadian Portion of the Gulf of Maine | Gulf of Maine Initiative Fact Sheet Produced and delivered. | Month 11-15 | | Highlight work through monthly ESIP journal enter. | Journal entry released to ESIP community. | Month 12 | | Produce webinar focused on using indicator data for responsible coastal development. | Webinars conducted. | Month 14-15 | | |

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| 1. **Project Team Experience:**   Identify relevant qualifications and experiences of the project team members to demonstrate the organization’s experience and capacity to carry out the project. |
| The Gulf of Maine Council’s EcoSystem Indicator Partnership (ESIP) has been conducting indicator efforts in the Bay of Fundy since 2006. The ESIP community is composed of over 150 individuals from over 66 agencies, universities and community groups in both Canada and the United States. The Program Manager has overseen and conducted day to day activities including dataset compilation, analysis and data upload to the Indicator Reporting Tool since inception of the partnership. ESIP’s wide community allows for many experts to be brought into the process as necessary.  Christine Tilburg B.Sc. (environmental studies) M. Sc. (chemical oceanography) – EcoSystem Indicator Partnership.  Christine Tilburg has been the program manager for ESIP since 2007. Her efforts have grown the partnership to over 150 members. In addition she has led ESIP’s activities and result dissemination through five fact sheets and two innovative webtools. She has also increased ESIP’s visibility through social media (including a brand new you tube video: <https://www.youtube.com/watch?v=OXyhCLktqsc&feature=youtu.be>) presentations, and facilitating collaborative relationships around the Gulf of Maine and Bay of Fundy.  Donald Killorn B.Sc. (biology) M.Sc. (environmental practice) – Eastern Charlotte Waterways Inc.    Mr. Killorn has been the executive director of Eastern Charlotte Waterways since April 2012. Prior to that he has designed and implemented ocean science projects in the Belize Barrier Reef and the Turks and Caicos Islands. In 2012 he began working alongside the ESIP team to expand its eutrophication indicator data set to the Bay of Fundy. In the summer of 2013 Eastern Charlotte Waterways collected samples in three Bay of Fundy estuaries, the Passamaquoddy, Musquash, and Saint John.  As part of this project, Mr. Killorn will oversee the sampling for the eutrophication and contaminant indicators, to be completed by Eastern Charlotte Waterways and the Clean Annapolis River Project, the analysis of the samples, to be completed by RPC Laboratory Services in Fredericton, and the reporting of all data back to the ESIP team. He will be responsible for the management of the necessary human resources, financial resources, and ensure the overall quality and timely implementation of the sampling and analysis work. |
| 1. **Project Partners:**   Detail the involvement and role of all project partners. (Do not include financial details here). |
| This project brings together organizations around the Canadian portion of the Gulf of Maine through several activities. The primary partnership consists of the Gulf of Maine Council’s EcoSystyem Indicator Partnership (ESIP), Eastern Charlotte Waterways (ECW), and Clean Annapolis River Project (CARP). ESIP and Eastern Charlotte Waterways will oversee the majority of the project. ESIP will be responsible for general monitoring design, analysis of results, and dissemination of results (through fact sheets, journal, and webinars). Eastern Charlotte Waterways will be responsible for field work and laboratory custody. Clean Annapolis River Project will be responsible for the portion of field work directly accessible from the Annapolis River.  One of the strengths of ESIP is in the ESIP community, which is composed of more than 150 individuals from various organizations. This community provides guidance in analysis of datasets, results and assistance with dissemination. Many of these partners will be very important to the project including individuals associated with Department of Fisheries and Oceans, New Brunswick Department of Environment, Nova Scotia Department of the Environment, Dalhousie University, Acadia University, University of Maine, US Environmental Protection Agency, and US National Park Service. Please see <http://www.gulfofmaine.org/2/esip-homepage/> for a list of the ESIP Steering Committee and the following subcommittees that will be involved in this project - Coastal Development, Contaminants and Eutrophication.  In addition, by including provincial support from New Brunswick and Nova Scotia the project will further benefit from a clearer understanding of their needs. As an example, the 2009 coastal water quality report for Nova Scotia notes that it is impossible to determine coastal water quality as there is no location where the information is available and no monitoring of a significant number of land-based activities. The proposed project will monitoring for important land-based activities and provides the information in the Indicator Reporting Tool and fact sheets. |

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| 1. **Evaluation** |  | | |
| 1. **Evaluation Plan:**   Provide an evaluation plan that clearly demonstrates how you will assess whether the project goals and objectives have been met. The plan should include the methodology and any calculations/formulas used to measure your project’s results. | | | |
| The success of the project will be evaluated on many levels:   * The successful creation of a random sampling plan by ESIP scientists featuring 20 sampling stations in each of six Bay of Fundy embayments, including the Passamaquoddy, Musquash, Saint John, Chignecto, Minas, and Annapolis estuaries * Either ECW or CARP will visit each of the embayments one time during the summer and collect data from each sampling station, including the following parameters: salinity, turbidity, dissolved oxygen * Water samples will be collected at each sampling station and analysed for total phosphorous, total nitrogen, and chlorophyll a * Either ECW or CARP will visit each of the 20 Gulfwatch sites in the Bay of Fundy and collect sediment samples at existing sample sites. These sample will be anlaysed for trace metals, mercury, PAHs, OC pesticides, total organic carbon, and those PCB congeners designated of concern * All data from the sampling and analyses will be communicated by ECW to ESIP * The data will be integrated in to ESIP’s Indicator Reporting Tool * Data will be published in the Indicator Reporting Tool and results are projected to be utilized by 7500 visitors during the 12 months that follow its publication. This number is based on statistics of web hits documented over many years. * All fact sheets will be distributed to the Gulf of Maine Council member agencies, including:   + Government of Canada     - Environment Canada - Atlantic Region       * Environmental Conservation Branch     - Department of Fisheries and Oceans   + Canadian provincial governments     - New Brunswick       * Environment and Local Government       * Agriculture, Fisheries, and Aquaculture     - Nova Scotia       * Fisheries and Aquaculture       * Environment * Fact sheets will also be distributed to the Gulf of Maine Council’s NGO Directory, featuring more than 600 organizations with an interest in the Gulf of Maine and its watersheds * The metrics of evaluation will include:  1. the number of appropriate sampling sites identified and the percentage of sites for which data was collected 2. the number of individuals that are made aware of the results through fact sheets, the ESIP journal, and webinars (web hits and participation rosters). | | | |
| 1. **Performance Indicators:**   Please complete your projected targets in the following ‘Indicators’ list. *You will be expected to report on these targets in project progress reports.* | | | |
| **Indicator:** | | **Target value** | **Unit (measure)** |
| Frameworks to assess key stressors | | Sample coverage for eutrophication within six embayments of interest plus sediment sampling in the Bay of Fundy. | Hectares covered  175,750 ha. |
| Geo-referenced map(s) that support health assessment | | Indicator results as reported for six embayments of interest plus sediment sampling in the Bay of Fundy. | Hectares covered  175,750 ha. |
| Monitoring plans implemented for current project | | Two: one for water quality and one for sediment. | Hectares covered  175,750 ha. |
| Number of data sharing plans/mechanisms created | | Delivery through webtool, journal and fact sheets | Mechanisms  3 |
| Number of integrated planning reports shared publicly | | Two fact sheets | Reports  2 |
| Number of recommendations incorporated into decisions and actions to enhance habitat conservation and responsible development | | Include in fact sheet on the Gulf of Maine Initiative. | Recommendations with respect to future monitoring and impacts of responsible development. Degree of sustainable coastal development? How to use the data to help determine the % of coastline that can be developed sustainably? |
| Number of Joint priorities / plans developed | |  |  |
| Number of collaborative activities | | Three: two sampling plans and fact sheet development | Activities  3 |
| Number of partners or organizations involved | | 6 (CARP, ECW, Gulfwatch, NS, NB, and ESIP) | Partnerships  6 |
| Number of recipients of shared information | | 250 | Recipients  250 hard copies, 1000 web hits. |
| Number of jobs created | |  |  |

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| 1. **Budget** | |  | | | | | | | |
| Please complete the following ‘Cash Flow Forecast’ with complete budget details, including all project contributors. | | | | | | | | | |
| **5.1 Total Project Funding** | | | \*Confirmed? | **Jan 2015 -**  **March 2015** | | **April 2015 -**  **March 2016** | | **Total** | |
| Contributor Name | Contributor Type | | **Cash** | **In-Kind** | **Cash** | **In-Kind** | **Cash** | **In-Kind** |
| United States Geological Survey | *Other* | | Yes | 8,673 |  | 26,327 |  | $35,000 |  |
| Environment Canada | *Environment Canada* | | *No* | 54,410 | 450 | 50,677 | 1,800 | $105,087 | $2,250 |
| United States Environmental Protection Agency | *Other* | | *Yes* |  | 600 |  | 2400 |  | $3,000 |
| Bay of Fundy Ecosystem Indicator Partnership | *Other* | | Yes |  | 300 |  | 1200 |  | $1,500 |
| Clean Annapolis River Project (CARP) | *Other* | | Yes |  | 1,025 |  | 3,075 |  | $4,100 |
| Eastern Charlotte Waterways (ECW) | *Other* | | Yes |  | 7,500 |  | 12,000 |  | $19,500 |
| Gulf of Maine Council (through Gulf of Maine Association) | *Other* | | Yes |  | 500 |  | 1000 |  | $1,500 |
| Lee Sochasky, International Planner | Other | | Yes |  | 300 |  | 1,200 |  | 1,500 |
| **TOTAL** | | | | 63,083 | 10,675 | 77,004 | 22,675 | 140,087 | 33,350 |
| \*Confirmation of partner contributions must be submitted before the Contribution Agreement is signed with Environment Canada (if the proposal is successful). | | | | | | | | | |

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| **5.2 Total Project Expenditures** | | **January 2015 -**  **March 2015** | | **April 2015 -**  **March 2016** | | **Total** | |
| Expenditure Detail | Expenditure Type | **Cash** | **In-Kind** | **Cash** | **In-Kind** | **Cash** | **In-Kind** |
| ESIP Program Manager  ($36.13/hr) | *Contractors* | 17,345 |  | 41,336 |  | 58,681 |  |
| ESIP Co-Chair, Jim Latimer, US EPA | *Management and Professional Services* |  | 600 |  | 2400 |  | 3000 |
| ESIP Co-Chair, Kathryn Parlee, EC | *Management and Professional Services* |  | 450 |  | 1,800 |  | 2,250 |
| Peter Wells, Bay of Fundy Ecosystem Partnership | *Management and Professional Services* |  | 300 |  | 1,200 |  | 1,500 |
| Lee Sochasky | *Management and Professional Services* |  | 300 |  | 1,200 |  |  |
| Peggy and Co. Design, Halifax NS (Have quote for two fact sheet layout and webinar presentation) | *Communication and printing, production and distribution costs* | 3,755 |  | 1,245 |  | 5,000 |  |
| Uploading Data to ESIP Webtool | *Contractual* |  | 500 |  | 1,000 |  | 1,500 |
| ECW Project manager ($30/hr) | *Salaries and Wages* | 1,125 |  | 1,125 |  | 2,250 |  |
| ECW and CARP Field technicians ($26/hr) | *Salaries and Wages* | 3,120 |  | 3,120 |  | 6,240 |  |
| ECW and CARP Assistant field technicians ($21/hr) | *Salaries and Wages* | 2,520 |  | 2,520 |  | 5,040 |  |
| CARP | *Management and Professional Services* |  | 1,500 |  | 1,500 |  | 3,000 |
| CARP Sampling equipment and motor boat rental | Equipment Rentals |  | 550 |  | 550 |  | 1,100 |
| ECW Boat rental | Equipment Rentals |  | 4,500 |  | 4,500 |  | 9,000 |
| ECW Land travel ($.50/km.) | Travel | 750 |  | 750 |  | 1,500 |  |
| ECW Truck rental | Vehicle Rental and Operation costs |  | 1,500 |  | 1,500 |  | 3,000 |
| ECW and CARP Boat travel ($50/hr.) | Travel | 1,000 |  | 5,400 |  | 6,400 |  |
| ECW Per diem (Hotel & Meals) | Travel | 450 |  | 450 |  | 900 |  |
| ECW and CARP Sample shipping ($200/event) | Other | 800 |  | 1,200 |  | 2000 |  |
| Sediment Sample Analysis | Contractors | 24,521 |  |  |  | 24,251 |  |
| Eutrophication Sample Analysis | Contractors |  |  | 10,848 |  | 10,848 |  |
| ECW supplies and materials | Material and supplies | 600 |  | 2,400 |  | 3,000 |  |
| ECW Office space ( incl. garage), Communications (Phone, internet, fax) | Overhead |  | 1,500 |  | 6,000 |  | 7,500 |
| Admin @ 15 % of direct | *Overhead* | 7,097 |  | 6,610 |  | 13,707 |  |
| **TOTAL** | | 63,083 | 11,700 | 77,004 | 23,890 | 140,087 | 33,350 |

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| **5.3 Use of ENVIRONMENT CANADA Funding** | | **January -**  **March 2015** | | **April -**  **June 2015** | | **July -**  **September 2015** | | **October -**  **December 2015** | | **January -**  **March 2016** | |
| Expenditure Detail | Expenditure Type | **Cash** | **In-Kind** | **Cash** | **In-Kind** | **Cash** | **In-Kind** | **Cash** | **In-Kind** | **Cash** | **In-Kind** |
| ESIP Program Manager | Contractors | 8,672 |  | 3,252 |  | 3,252 |  | 4,252 |  | 4,253 |  |
| Kathryn Parlee, ESIP Co-Chair | *Management and Professional Services* |  | 450 |  | 450 |  | 450 |  | 450 |  | 450 |
| Peggy and Co. Design | *Communication and printing, production and distribution costs* | 3,755 |  |  |  |  |  | 1,245 |  |  |  |
| ECW Project manager | *Salaries and Wages* | 1,125 |  | 563 |  | 562 |  |  |  |  |  |
| ECW and CARP Field technicians | *Salaries and Wages* | 3,120 |  | 1,560 |  | 1,560 |  |  |  |  |  |
| ECW and CARP Assistant field technicians | *Salaries and Wages* | 2,520 |  | 1,260 |  | 1,260 |  |  |  |  |  |
| ECW Land travel ($.50/km.) | *Travel* | 750 |  | 375 |  | 375 |  |  |  |  |  |
| ECW and CARP Boat travel ($50/hr.) | *Travel* | 1,000 |  | 2,700 |  | 2,700 |  |  |  |  |  |
| ECW Per diem (Hotel & Meals) | *Travel* | 450 |  | 225 |  | 225 |  |  |  |  |  |
| ECW and CARP Sample shipping | Ohter | 800 |  |  |  | 1,200 |  |  |  |  |  |
| Sediment Sample Analysis (actual analysis costs as quoted by RPC Science and Engineering, Fredericton, NB) | Contractual | 24,521 |  |  |  |  |  |  |  |  |  |
| Eutrophication Sample Analysis  (actual analysis costs as quoted by RPC Science and Engineering, Fredericton, NB) | Contractual |  |  |  |  | 10,848 |  |  |  |  |  |
| ECW Supplies and materials | Materials and supplies | 600 |  | 800 |  | 800 |  | 800 |  |  |  |
| Admin @ 15 % of direct | Overhead | 7,097 |  | 1610 |  | 3,417 |  | 945 |  | 638 |  |
| **TOTAL** | | 54,410 | 450 | 12,345 | 450 | 26,199 | 450 | 7,242 | 450 | 4,891 | 450 |

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| 1. **Application Checklist** |  |
| Applications will be accepted by an Environment Canada regional office **on or before the October 3rd, 2014** application deadline. Email your completed forms to [GMI-IGM@ec.gc.ca](mailto:GMI-IGM@ec.gc.ca). If you are unable to email, contact us for information on alternative ways to submit your application.  The application package should include:  A complete and signed *Application Form*  A complete *Budget Cash Flow Forecast*  Target *Performance Indicators*  Letters of confirmation from other funding sources, cash and in-kind. It is highly recommended that all letters be forwarded with the *Application Form (if unavailable at the time of submission, letters may follow at a later date but before contribution agreements are negotiated)*. *(Note: all letters are to be dated and signed.)*  Other supporting information (if applicable) such as site maps; species lists; and general letters of support.  With the exception of letters confirming cash and in-kind support from other funding sources, which may follow at a later date, all other information and supporting documentation must be included with the *Application Form*. **No additional information received after the application deadline will be taken into consideration**.  For more information, please refer to the *Application Guidelines* document*.* For any questions, please contact an Environment Canada regional office. | | |

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| 1. **Certification** |  |
| I certify that the information provided in this application, including all enclosures, is accurate to the best of my knowledge and that I am authorized to sign on behalf of the organization | |
| Name: Robert Capozi | |
| Title: Secretariat, Canadian Association | |
| Signature: | |
| Date: October 2, 2014 | |
| ***Reminder:*** *If you have not received a submission acknowledgement letter within 15 working days of the application deadline, please contact Environment Canada at the address below to confirm that your proposal was received.* | |

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| 1. **Contact Information** |  |
| For questions or concerns, please contact the Environment Canada office:  45 Alderney Drive 16th Floor, Queen Square Dartmouth, Nova Scotia B2Y 2N6 Phone: 902-426-8521 or 1-800-663-5755 (toll-free) Fax: 902-426-2062  **Email: GMI-IGM@ec.gc.ca** | |