

2018-19 Work Plan Template

All fields with an * are mandatory

Project Title *		Key Words (max 10) *	
Community Led Berry Contamination Study - Expansion		indigenous, traditional knowledge, community led, berries, cultural keystone species, oil sands	
Project Information			
Project Objective(s) (Bullet Form) *		<ul style="list-style-type: none"> Produce qualitative and quantitative results spanning many years that will provide insights on the level of contamination and impacts that oil sands development has on traditional wild food supplies in northern Alberta. Support community involvement in program design, implementation, evaluation, reporting, and communication to ensure the project is based on community-specific priorities. Provide opportunities for relationship building, knowledge sharing, and time on the land. Provide educational opportunities for all participants involved to learn new perspectives and skills. 	
Plain Language Overview (100 words) *		<p>This project aims to expand a successful community led monitoring project, initiated by Fort McKay First Nation to other Indigenous groups across the Athabasca region. The purpose of the project is to record Fort First Nation and Metis community members' observations about changes in berry health and quality due to oil sands industrial development through community-led, traditional environmental knowledge-based monitoring of culturally significant berry patches. The methodology applied in the Fort McKay project includes work with the Wood Buffalo Environmental Association to apply western science to quantitatively measure the observed changes. The cultural identity of First Nation and Metis members in Athabasca is intertwined with their food sovereignty and food security, therefore the continued access to cultural keystone species of berries is paramount for their health and well-being. It is anticipated that participating First Nation and Metis groups will visit each berry patch during the field season to record qualitative observations, to harvest berries for analysis of health compounds and contaminants, and to measure air quality.</p>	
Project Duration *		Project Original Start Date *	
Multi-Year		1/4/2017	
		Estimated Completion Date *	
		31/03/2022	
Specify Objectives This Project Will Address in 2018/2019. *		<p>2018-2019 Proposed Research Activities: The objective of the project in 2018-2019 is to support communities in designing community-based monitoring projects, in meetings, but especially on the land. The partner communities have asked for the opportunity to refine their monitoring programs and to look for opportunities to partner traditional knowledge with western science methodologies.</p>	
Specify Objectives This Project Will Address Beyond 2018/19 (if multi-year). *		<p>As this project continues to progress, Indigenous community members across the Athabasca region will become increasingly capable and responsible for collecting the western science data alongside Indigenous Knowledge. Youth may also have a growing contribution to the project over time.</p>	
List Key Questions/Hypotheses Related to Each Objective Stated Above. *		<p>Hypothesis: Industrial development is having a negative impact on the condition of culturally important berry patches.</p>	
Main Assumptions, Constraints, Dependencies. *		<p><i>There will be interest in participation from other WBEA member communities. There will be an adequate berry crop from which to harvest. WBEA member communities will have the resources and capacity to participate in the project.</i></p>	
Partner Categories (select all that apply) * A partner is an individual, group, agency, community etc. that is an active participant in the project and in achieving the project deliverables.		Knowledge System *	
<input type="checkbox"/> Federal Government <input type="checkbox"/> Another AEP Division <input type="checkbox"/> Another GoA Department <input type="checkbox"/> University/Academic Institution <input type="checkbox"/> Solely delivered by GoA <input type="checkbox"/> Citizen Science <input checked="" type="checkbox"/> Indigenous Community or Organization <input checked="" type="checkbox"/> ENGO <input checked="" type="checkbox"/> Other		Both	
		Location (select all that apply) *	
		<input type="checkbox"/> Office or Laboratory <input type="checkbox"/> Sub-regional <input type="checkbox"/> Transboundary (provincial/territorial) <input type="checkbox"/> Lower Peace Region <input type="checkbox"/> Upper Peace Region <input type="checkbox"/> North Saskatchewan Region <input type="checkbox"/> Red Deer Region <input checked="" type="checkbox"/> Lower Athabasca Region <input type="checkbox"/> Upper Athabasca Region	
AEP ONLY: Strategic Alignment to EMSD Outcomes			
AEP ONLY: Strategic Alignment to EMSD Science Plan, select 1-2 areas that apply (if Applicable)			
Ecosystems and Predicting Change			
Human Relationship with the Environment			
AEP ONLY: Strategic Alignment to AEP Departmental Outcomes			
AEP ONLY: Environmental and Ecosystem Health and Integrity		AEP ONLY: Sustainable Economic Diversity	
Biodiversity		Yes	
AEP ONLY: Protected Public Health and Safety from Environmental			
Yes			

Co-Chair Decision (March 8, 2018)

***Decision Pool A: Workplan approved.**
*** Approved at \$448,210**
 * Activities to be captured under the Oil Sands Monitoring Program Community Based Monitoring Initiatives
 * It is a requirement of funding that key members of the project team participate in a Community Based Monitoring Task Group to be informed by the Oil Sands Monitoring Secretariat. The Task Group will be coordinated by Gleb Raygorodetsky (AEP) and Krista Tremblett and will identify the options for managing and assessing CBM under the Oil Sands Monitoring Program. The Team is to recommend to the OSM Program Co-Chairs and Science-Co-Leads the preferred path forward. A preferred option is requested by May 31, 2018
 *Funding expectations: As a minimum, an annual progress report for this project is required by February 28, 2019. All publications or products resulting from this work requires acknowledgement of funding from the Oil Sands Monitoring Program and are to be provided to the Oil Sands Monitoring Secretariat for tracking and any programmatic communications purposes. Work funded through the Oil Sands Program will be available for public dissemination.

<p>AEP ONLY: IMAG/IMSC Information Needs, Please Specify Which Need(s) is Being Addressed. File location M:\EMSD\Common\Portfolio Mgmt System Shared Docs</p>	<p>Ref# 19: Question - What is the current and historical condition or status of indicaotr X in region Y? And how is it changing over time? Ref# 30: Question - What are the levels of contaminants (metals and PAH, pesticides) in country foods (e.g. berries, meat, medicine)? Are the levels safe? Where are the contaminants coming from? Ref# 34: Question - What is the abundance and distribution of species that are valued by Indienous</p>
<p>AEP ONLY: How This Project Will Address Each Strategic Theme Selected Above.</p>	<p>This project will help to answer questions that local Indigenous communities and organizations have about ecosystem change. A fundamental piece of this work will be the human element and the delicate relationship that humans have with the land. The focus of the program will be on biodiversity and the data collected using a MEB approach will be valuable within the broader OSM program as well as to inform regional planning initiatives such as the Biodiversity management Frameworks.</p>
Project Methodology	
<p>List the Key Project Phases and Provide Bullets for Each Major Task Under Each Project Phase. *</p>	<p>Pilot Phase The pilot phase focuses on supporting communities in designing community-based monitoring projects, in meetings, but especially on the land. The communities need the opportunity to refine their monitoring programs and to look for opportunities to partner traditional knowledge with western science methodologies. The project should reflect the community's interests, be driven by</p>
<p>Describe How Changes in Environmental Condition Will Be Assessed. *</p>	<p>Both qualitative and quantitative data will be collected to assess changes in environmental condition. Changes to the condition of berries and berry patches, based on the lived experiences and traditional knowledge of the community Elders and knowledge holders, will be recorded at every site visit. Communities in the early pilot phase will determine what parameters the berries should be analyzed for and what type of monitoring within the berry patches would be useful to the project. Currently,</p>
<p>Are There Benchmarks (e.g., objectives, tiers, triggers, limits, reference conditions, thresholds, etc.) Being Used to Assess Changes in Environmental Condition? If So, Please Describe, If Not, State "NONE". *</p>	<p>While no regulated or formal benchmarks have been established, Indigenous community members across the region rely up on their historical knowledge of the area and plant conition to determine changes in environmental condition.</p>
<p>Provide a Brief Description of the Methods By Project Phase. *</p>	<p>Phase 1: Planning This is a crucial phase in community-based and indigenous methodologies. The group needs to decide the best timing and participants schedule for the fieldwork. Everyone needs to be informed and in agreement about project plans.</p>
<p>List the Key Indicators Measured. *</p>	<p>Potential Traditional Knowledge Indicators (these are used by the Fort McKay berry group): Berry colour, size, plumpness, timing of flower and fruit, taste, sheen. Plant leafiness, height, production, moisture. General concerns - dust on berries, odour in air, season regularity, heat, rain, major events from industry, disruption of berry habitat, systems of respect in place - ceremonial offerings, respectful</p>
<p>Describe Sample Handling Procedures, If Not Applicable, State N/A. *</p>	<p>Passive Samples: <ul style="list-style-type: none"> • Wear a new pair of Powder-free gloves at each site, one pair to retrieve samples and a new pair to deploy new samplers. • Hold samplers on edges only. • Ensure samples are stored properly kept reffridgerated. </p>
<p>List SOPs that Will Be Used, If Not Applicable, State N/A.*</p>	<ul style="list-style-type: none"> • WBEA Passive SOP • WBEA TK SOP
<p>Describe the QA/QC Plan, If Not Applicable, State N/A. *</p>	<p>N/A</p>
<p>Describe How Indigenous Communities are Involved in the Project Design, Data Collection, and Analysis (Knowledge Co-creation) and How is their Consent Sought. If Not Applicable, State N/A.*</p>	<p>As a community-led project, it is important that Indigenous community members are involved in all aspects of the project, including program design, implementation, evaluation, reporting, and communication to ensure the project is developed at a pace that is dictated by the community and is based on community-specific priorities. In order to meet standard requirements and professional ethical standards in social science research, informed consent must be given before recording or sharing any information that is gathered during</p>
Components Delivered by Others	
<p>List by Project or Project Phase Each Component That Will Be Delivered by An External Party (including analytical laboratories) and Name the Party. State None if Not Required. *</p>	<p>All phases of this project are delivered by the WBEA which supports the project in a technical and adminstrative capacity and sub-contracts the following parties to deliver specific components: - Little Seed Consulting is the environmental anthropologist/ethnoecologist on the project and is also part of every project phase. Berry sample testing (phase 3) is provided by:</p>
<p>Will These Components be Delivered Under Grant or Contract or Both? Please Describe and Name the Associate Work Plan/Grant/Contract for These Services if Not Included Within This Work Plan. *</p>	<p>Contract with the Wood Buffalo Environmental Association (WBEA). WBEA is a non-profit, dynamic collaboration of communities, environmental groups, industry, government, and Aboriginal members. WBEA monitors the environment in the Regional Municipality of Wood Buffalo by focusing on air, terrestrial, and human exposure monitoring and reports the data in a public forum.</p>
Monitoring Site Locations and Coordinates (for all sites, please add them to the Monitoring Site Location tab - a separate excel sheet)	
<p>Attach Map of Locations. Distinguish Indicators by Station if Necessary. Distinguish Sampling Frequency by Station if Necessary.</p>	<p>The sample locations are sensitive to communities from a cultural standpoint. General locations are provided in the annual final reports. So far, each of the three participant communities, Fort McMurray First Nation, Fort McMurray Metis and Conklin Metis have selected one site each.</p>
Project Schedule	

FOR OIL SANDS MONITORING PROJECTS ONLY: A coordinated field monitoring schedule for the OSM Program is required. Please complete the attached document named "OSM Program Field Monitoring Schedule" in addition to this work plan. Fill as much as you can recognizing that scheduling changes will occur and the scheduling document will be updated regularly. Please note the scheduling document will be shared with stakeholders.		Q1 April/May - Planning meeting May/June - First site visits Q2 July/August - Summer site visits August/September - Berry Harvest Q3 Berry sample testing Preparation of draft results reports Q4 Validation with community
FOR OIL SANDS MONITORING PROJECTS ONLY: Have You Coordinated With Other Project Leads On Field Logistics? If So, Please Specify. *		Not in years past but this year we will be working with ABMI's plant study.
Other		
Additional Details.		
Will Capacity Building and Training be a Component of the Project and If So, Explain How. If Not, State N/A.*		Community members who are identified to collect berries in the field will be taught appropriate sample collection methods. As, and if, western science tools such as meteorological stations are incorporated into this project, members may also be taught how to operate this equipment.
Environmental Impact and Considerations.		
Data Management and Digital Assets		
Will Data be Produced as a Result Of This Project? *	Type of Quantitative Data Variables	Frequency Of Collection
Yes	Discrete	Other
	Also Qualitative	
Data Collection Period:	Timeline For Upload Period:	
Start Date - End Date	Start Date - End Date	
May 2018 - September 2019	Mar-19	
Is There a Data Sharing Agreement? (Yes or No).	Yes	
Will the Data Include Traditional Knowledge as Defined by and Provided by an Indigenous Representative, Community or Organization (Yes / No).	Yes	
Platform/Location of Data Storage.	Data is stored in WBEA's data management system.	
Project Deliverables		
Proposed 2018-19 Deliverable Type (for each deliverable outline document, presentation, meeting, etc.)		
<input type="checkbox"/> Peer-reviewed Journal Publication	<input type="checkbox"/> Peer-reviewed Conference Proceeding	<input type="checkbox"/> Non-peer reviewed Conference Proceeding
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments

Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
<input type="checkbox"/> Technical Report	<input type="checkbox"/> Book Chapter	<input type="checkbox"/> Public Dissemination Document
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
		Final project annual report in a format that is guided by the community.
<input type="checkbox"/> Conference Presentation(s)	Stakeholder Presentation	<input type="checkbox"/> Key Engagement/Participation Meeting *
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants. April 2018 -Project Kick-off and Planning Meeting - WBEA Traditional Knowledge Working Group members. Will include representatives from WBEA, Littleseed Consulting, GoA and the members of the Berry Steering Group. Estimated 15 participants.
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants.
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants. December 2018 - Validation Meeting with each Participant Community. Will include representatives from WBEA, Little Seed Consulting and the members of the Berry Steering Group. Estimated 20 participants.
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants. March 2019 - Project Open House - Fort McMurray. Will include representatives from WBEA, Little Seed Consulting, additional consulting support, GoA, participants of the Berry Expansion Project and members of the Fort McKay Berry Steering Group .
<input type="checkbox"/> EMSD Strategic & Operational Publication	<input type="checkbox"/> Other Documents	
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	

Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	
Proposed Deliverables After 2018/2019 for the project funds received in 2018/2019		
<input type="checkbox"/> Peer-reviewed Journal Publication	<input type="checkbox"/> Peer-reviewed Conference Proceeding	<input type="checkbox"/> Non-peer reviewed Conference Proceeding
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
<input type="checkbox"/> Technical Report	<input type="checkbox"/> Book Chapter	<input type="checkbox"/> Public Dissemination Document
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
<input type="checkbox"/> Conference Presentation(s)	<input type="checkbox"/> Stakeholder Presentation	<input type="checkbox"/> Key Engagement/Participation Meeting *
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	Q1 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants.

		April 2019 -Project Kick-off and Planning Meeting - WBEA TK Working Group. Will include representatives from WBEA, Littleseed Consulting, GoA and the members of the Berry Steering Group. Estimated 15 participants.
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	Q2 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants.
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	Q3 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants.
		December 2019 - Validation Meeting with each participant community. Will include representatives from WBEA, Little Seed Consulting and the members of the Berry Steering Group. Estimated 20 participants.
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	Q4 - Deliverable, Comments
Choose one	Choose one	Name of Meeting, Year, Location, Dates, Participant Groups and Number of Participants.
		March 2020 - Project Open House - Fort McMurray. Will include representatives from WBEA, Little Seed Consulting, additional consulting support, GoA, participants of the Berry Expansion Project and members of the Berry Steering Group and
<input type="checkbox"/> EMSD Strategic & Operational Publication	<input type="checkbox"/> Other Documents	
Q1 - Deliverable, Comments	Q1 - Deliverable, Comments	
Q2 - Deliverable, Comments	Q2 - Deliverable, Comments	
Q3 - Deliverable, Comments	Q3 - Deliverable, Comments	
Q4 - Deliverable, Comments	Q4 - Deliverable, Comments	
All Completed Products if a		
multi-year project, specify all completed products to date (consistent format for the fields below). Add rows as required.		
Journal Paper		
Required Format: Author (follow APA citation format), Year, Title, Journal, Volume, Page Numbers, Open or Closed and Document Location		
Example: Jacoby, W. G. (1994). Public Attitudes Toward Government Spending. American Journal of Political Science, 38(2), 336-361.		
Fearon, J. D., & Laitin, D. D. (2003). Ethnicity, Insurgency, and Civil War. American Political Science Review, 97(01), 75. doi: 10.1017/S0003055403000534		
1)		
2)		
3)		
4)		
5)		
Technical Report		
Required Format: Author, Year, Title, Publisher Location, Name of Publisher, Publisher, Document Location		
Example: Author, F.M. (Publication Year). Title of Report (Report No. XXX). Publisher City, State: Publisher		
1)		
2)		
3)		

4)
5)
Book Chapter
Required Format: Author, Year, Title of Paper, Editors, Title of Book, Page Numbers, Location of Publisher, Name of Publisher, Document Location
Example: Hemingway, E. (1999). The Killers. In J. Updike & K. Kenison (Eds.), The Best American Short Stories of the Century (pp.78-80). Boston, MA: Houghton Mifflin)
1)
2)
3)
4)
5)
Conference Proceeding
Required Format: Author, Year, Title of Paper, Editors, Title of Proceedings, Name of Conference Location of Conference, Publisher Location, Name of
Example: Author of Paper, A., & Author of Paper, B. (Year, Month date). Title of Paper. In A. Editor, B. Editor, & C. Editor. Title of Published Proceedings. Paper Presented at Title of Conference: Subtitle of Conference, Location (inclusive page numbers). Place of Publication: Publisher.)
1)
2)
3)
4)
5)
Public Dissemination Document
Required Format: Author, Year, Title, Journal / Report, Volume, Publisher, Page Number, Number of Pages, Document Location
1)
2)
3)
4)
5)
AEP ONLY: EMSD Strategic and Operational Publication
Required Format: Author, Year, Title, Publisher Location, Name of Publisher, Publisher, Document Location
1)
2)
3)
4)
5)
Other Documents
Detailed Information of Other Documents
1)
2)
3)
4)
5)
Conference Presentation
Required Format: Presenter, Date, Location, Title, Platform or Poster, Conference Name
1)
2)
3)
4)
5)
Stakeholder Presentation
Required Format: Presenter, Date, Location, Title, Platform or Poster, Name of Meeting
1)
2)
3)
4)
5)
Key Engagement/Participation Meeting
Required Format: Meeting Host, Date, Location

- 1) WBEA/GOA, March 21 2016 , Fort McMurray
- 2)
- 3)
- 4)
- 5)

Human Resources / Staffing Plan (roles and responsibilities)

Name & Role	Organization	Responsibilities
Dianne McIssac	WBEA	Project coordination
Janelle Baker	Little Seed Consulting	Ethnographic research and report writing
Tracy Howlett	AEP - EMSD	Project coordination
Cody David	WBEA	Lead field technician
Velma Whittington	Fort McMurray First Nation	Community Liaison/coordinator
Dave Berrade	Conklin Resource Ventures	Community Liaison/coordinator
Carmen Wells	McMurray Metis	Community Liaison/coordinator
Other community Liaisons as project progresses	Indigenous community/organization	Community Liaison/coordinator
OSM Community Liaison/Coordinator	EMSD-OSM	Project coordination and engagement support
Sanjay Prasad	WBEA	Project support
Peter Fortna	WBEA	Project support
Justine Kummer	EMSD	Project support

AEP ONLY: Additional Human Resources Required from EMSD

Name & Role	Branch - Section	Estimated time (% of annual FTE)
Tracy Howlett, Project Advisor	IKCMCS	20
OSM Program Coordinator	IKCMCS - OSM	10
OSM Community Liaison	IKCMCS - OSM	25
OSM Capacity Development Coordinator	IKCMCS - OSM	10
Knowledge Translator	IKCMCS - OSM	20
Social Scientist	IKCMCS - OSM	20

Financial Details and Budget Request

Source of Funding Requested Year 1 - 2018/19

	AEP ONLY: EMSD	OSM
Salaries and Benefits - AEP Chargeback		24000
Salaries and Benefits - New OSM Staff		80000
Operations and Maintenance		
Consumable materials and supplies		
Conferences and meetings travel		3000
Field work travel		
Project-related travel		
Engagement		
Reporting		
External Contracts - Organization/Vendor/Suppliers		319210
Overhead		
Grants		
Capital		
Total budget request for the year	0	426210
Total budget approved		

Source of Funding Requested Year 2 - 2019/20

	AEP ONLY: EMSD	OSM
Salaries and Benefits - AEP Chargeback		24000
Salaries and Benefits - New OSM Staff		80000
Operations and Maintenance		
Consumable materials and supplies		
Conferences and meetings travel		3000
Field work travel		
Project-related travel		
Engagement		
Reporting		
External Contracts - Organization/Vendor/Suppliers		319210
Overhead		
Grants		
Capital		
Total budget request for the year	0	426210
Total budget approved		

Source of Funding Requested Year 3 - 2020/21

	AEP ONLY: EMSD	OSM
Salaries and Benefits - AEP Chargeback		24000
Salaries and Benefits - New OSM Staff		80000
Operations and Maintenance		
Consumable materials and supplies		
Conferences and meetings travel		3000
Field work travel		
Project-related travel		
Engagement		
Reporting		
External Contracts - Organization/Vendor/Suppliers		319210
Overhead		

Grants		
Capital		
Total budget request for the year	0	426210
Total budget approved		
Source of Funding Requested Year 4 - 2021/22		
	AEP ONLY: EMSD	OSM
Salaries and Benefits - AEP Chargeback		24000
Salaries and Benefits - New OSM Staff		80000
Operations and Maintenance		
Consumable materials and supplies		
Conferences and meetings travel		3000
Field work travel		
Project-related travel		
Engagement		
Reporting		
External Contracts - Organization/Vendor/Suppliers		319210
Overhead		
Grants		
Capital		
Total budget request for the year	0	426210
Total budget approved		
Budget Request for the Entire Project	0	1,704,840
Project Approval(s)		
Proposal Submitted by		
Surname	Given Name	Organization
Howlett	Tracy	AEP-EMSD
Signature	Date	
Tracy Howlett	12/2/2018	
Proposal for OSM Reviewed by		
EMSD Executive Director	Signature	Date
Gleb Raygorodetsky		12/2/2018
AEP Administrator/Coordinator - Review	Signature	Date
ECCC Administrator/Coordinator - Review	Signature	Date
OSM Project Approved by		
AEP Co-Lead for OSM	Signature	Date
ECCC Co-Lead for OSM	Signature	Date
AEP ONLY: Proposal for EMSD Reviewed by		
EMSD Director	Signature	Date
AEP ONLY: EMSD Project Approved by		
EMSD Executive Director	Signature	Date
EMSD Chief Scientist	Signature	Date
OSM / EMSD Project Has Not Been Approved		
Project Status	Date Notified	Date Required
The project is conditionally approved. The following conditions are required before approval is granted.		
List the Condition(s)		
Condition(s) Addressed / Approval Granted		
Choose one		

OSM / EMSD Approval Post Removal of Condition(s)		
Name & Title	Signature	Date