



Ontario First Nations  
Technical Services  
Corporation



November 21, 2017

## INVITATION: Source Water Protection Training for Ontario First Nations and Tribal Councils

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Ontario First Nations Technical Services Corporation invites you to participate in a training course on Source Water Protection. This will involve two separately scheduled three-day training sessions, with time between the sessions for participants to work with their First Nation on a source water protection plan. The purpose of this training course is to guide participants in steps through development of a local source water protection plan over the course of approximately six months.

The first training session is being held: **March 6-8, 2018 from 8:30 am to 4:30 pm** at the **Casino Rama Hotel and Conference Centre** located at **5899 Rama Rd, Orillia, ON L3V 6H6**. The second session will be held **June 12-14, 2018** with the location still to be determined.

This training is an opportunity for individuals who work in the fields of environment, lands, public works and/or health to learn about Source Water Protection and to be guided through the process of working with their own community to develop a Source Water Protection (SWP) Plan for their First Nation. Tribal Council staff is encouraged to attend, we do ask that they plan to work with one of their First Nations to develop a SWP Plan.

The training teaches both the technical components of source water protection: watershed delineation, intake protection zones, wellhead protection areas, threats identification, risk assessment, and threat mitigation; however equally important it also focuses on building the plan on a foundation of Indigenous knowledge and ensuring community engagement throughout. Training will provide general base knowledge on all components of a source water protection plan along with activities designed to prepare the participant for working with their community on the plan. Overall, the trainees will be provided with a strong base of knowledge on source water protection and practical guidance to develop their unique source water protection plan.

The training will be facilitated by Stephanie Allen, Environmental Scientist at OFNTSC along with Leslie Collins and Craig Murray from the Institute for Watershed Science (Trent University). In addition, there will be guest presenters throughout the training. Please see the attached summary of the topics to be covered during the first 3-day training session. The sessions will be a mix of presentations and activities which will have participants leave with a portion of their plan completed and prepared for the work to be conducted in the community.

There is no cost to attend, however we do ask that you pre-register for the course. Due to the time commitment we are asking for the attached form to be signed by a First Nation Band Manager (or equivalent) or Tribal Council Executive Director (or equivalent). In addition, we ask that Chief and Council be informed, as you will be working with community members, First Nations staff, and the political leadership on the SWP Plan; and once the SWP Plan is drafted you will need to present it to your Chief and Council for endorsement.



# Ontario First Nations Technical Services Corporation



Through generous funding from INAC and the Ontario Ministry of the Environment and Climate Change, OFNTSC has been able to develop and offer this training to 15 participants (one per First Nation or Tribal Council).

**OFNTSC will cover the travel, per diem, and accommodation costs of one participant for both in-class training sessions.** Reimbursement is conditional on full attendance and successful completion of each three-day training. There is an expectation that the same person will attend both training sessions and will be responsible for developing their First Nation's Source Water Protection Plan. **This involves a significant time commitment working on the plan in the community and separate from the training events.** OFNTSC and our partners will support the trainee in developing the plan, will review it once drafted, and will assist with Chief and Council endorsement however **it will be the responsibility of the trainee to develop and draft the plan.** It is for this reason we are asking for the attached form to be signed by the First Nation Band Manager/Administrator or equivalent.

Prior to the first training session, OFNTSC and our project partners will be preparing maps and gathering background information. For this reason we have also attached a "Consent to Release Information Form" to enable us to request background reports from INAC on behalf of your First Nation. All reports will be provided to the trainee at the first training session, to serve as their reference material, and will not be retained by OFNTSC.

This training comes from the recognition by the OFNTSC Board of Directors of the need for tools and support for Ontario First Nations to develop Source Water Protection Plans that are directly responsive to the needs of their communities. We recognize that Source Water Protection is the first barrier in the multi-barrier approach to drinking water protection but that our communities have not been given adequate resources to address source protection. We are thankful to both the federal and provincial government agencies for providing seed funding to begin to work to address this gap. OFNTSC has been successful in providing training and technical advisory services to Ontario First Nations and Tribal Councils in a number of areas for over 25 years and we look forward to working with you on this new and exciting project.

We encourage you to register using the attached form. If you have any questions about this training please contact me directly by phone: 416-651-1443 ext. 243 or email: [sallen@ofntsc.org](mailto:sallen@ofntsc.org).

Thank you,

Stephanie Allen  
Environmental Scientist, OFNTSC



**Ontario First Nations Source Water Protection Plan Training**

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**REGISTRATION FORM**

*Please register me in the course noting the dates:*

----- 6-8 March 2018 – *Phase 1 Training, Rama, Ontario*

----- 12-16 June 2018 – *Phase 2 Training, Location TBD, Ontario*

**Name:** \_\_\_\_\_

**Position:** \_\_\_\_\_

**First Nation/Tribal Council:** \_\_\_\_\_

**Address:** \_\_\_\_\_  
\_\_\_\_\_

**City:** \_\_\_\_\_

**Province:** \_\_\_\_\_

**Postal Code:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

I acknowledge that: the person named above is an employee of the First Nation/Tribal Council and has approval of the First Nation leadership to attend the training (2 sessions, each 3-day). Further I acknowledge that the person named above will be working with the First Nation staff, leadership, and the community-at-large to develop and implement a Source Water Protection Plan which will be presented to Chief and Council for approval/adoption. Finally I acknowledge that development of the Plan will require a significant time commitment, in addition to attendance at the training events, and the person named above will be given time within their regular duties to commit to this project on behalf of their First Nation.

**\*\*To be signed by the First Nation Band Manager/Administrator or equivalent:**

\_\_\_\_\_  
**Signature**

**Name:** \_\_\_\_\_

**Position:** \_\_\_\_\_

If you require any further information, contact:

Stephanie Allen Tel. (416) 651-1443 x243 or email: [sallen@ofntsc.org](mailto:sallen@ofntsc.org)

Training is **limited to 15** participants. Enrollment is on a first-come basis. To ensure your participation **please complete this form and FAX to (416) 651-1673 or scan and email to: [sallen@ofntsc.org](mailto:sallen@ofntsc.org)**



**Ontario First Nations Source Water Protection Plan Training**

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**CONSENT TO RELEASE INFORMATION FORM**

**To: Indigenous Affairs and Northern Development Canada**

The \_\_\_\_\_ First Nation is participating in Source Water Protection Plan Training being offered by Ontario First Nations Technical Services Corporation.

To assist our First Nation with creation of a Source Water Protection Plan we are asking INAC to release the following information/reports to Stephanie Allen, Environmental Scientist, Ontario First Nations Technical Services Corporation (contact information below):

- *Phase 2 and 3 Environmental Issues Inventory Reports for our First Nation*
- *Landfill inspection or related reports for our First Nation*
- *Hydrogeological related reports conducted in our First Nation*
- *Assessment/inspection reports related to our First Nation's Water Treatment Plant(s)*
- *Assessment/inspection reports related to our First Nation's Wastewater Facility*

**Name:** \_\_\_\_\_

**Position:** \_\_\_\_\_

**First Nation:** \_\_\_\_\_

**Phone:** \_\_\_\_\_ **E-mail:** \_\_\_\_\_

\_\_\_\_\_  
**Signature**

**\*\*To be signed by the First Nation Band Manager/Administrator or equivalent\*\***

**Stephanie Allen, Environmental Scientist, OFNTSC**  
111 Peter St., Suite 606  
Toronto, ON M5V 2H1  
Tel. (416) 651-1443 x243 Cell: (416) 347-9557 Email: [sallen@ofntsc.org](mailto:sallen@ofntsc.org)



## **TRAINING SESSION 1 TOPICS**

- **Greetings/Introductions/Goals/Training Manual Overview**
  - Traditional Opening
- **Indigenous Knowledge**
  - Traditional Laws and the Treaty Relationship as it pertains to water
  - Perspectives on water
  - Foundation of the plan
- **Water**
  - Water quality and quantity, surface vs groundwater
  - Distribution system – from tap to source
  - Hydrological cycle
- **Source Water Protection Plan**
  - Why do we have source water protection plans
  - Key contaminants and how to prevent contamination
  - The Planning Process and Review of a standard plan
- **Watersheds**
  - What is a watershed
  - How to delineate the watershed
- **Protection Zones**
  - Wells and water intakes
  - Surface Water – How to delineate
  - Groundwater – How to delineate
- **Threats Identification**
  - Types
  - Background on contaminants
  - Sources of information
  - How to GPS threats
- **Community Engagement**
  - Why community engagement
  - Incorporating indigenous knowledge and teachings
  - Working with working groups – who will participate
  - Working with communities - how to engage community
  - Effective communications
- **Summary and Evaluation**
  - Homework Assignments
  - Agenda for Session #2
    - Threats, Risk Assessment, and Mitigation