



# Environmental Monitoring



Hayley King – Four Rivers  
Environmental Services Group



# Overview

- ▶ Environmental Monitors
- ▶ Why do we need them
- ▶ What kind of work is involved
- ▶ How can you and your community lead this process
  - ▶ Proponent led – projects
  - ▶ Funded initiatives
- ▶ Environmental Monitor Training Case Study: Four Rivers & BAEHR



# What are Environmental Monitors?

“Environmental Monitors are individuals who observe the environment and the impacts of human and industrial activities and communicate this information to various stakeholders. In this way, they may help to mitigate negative environmental impacts.”

~ ECO Canada BAEHR Manual

“Environmental Monitors are individuals who observe...”



“...observe  
the environment and the impacts of human  
and industrial activities...”



The Vancouver Sun



<http://www.mintek.co.za/>



“...and communicate this information to various stakeholders.”

- Community Members / Rights holders / Partners
  - Community – based monitoring
  - Outreach and Communication
- Developers
  - Informs best practice
- Government Departments
  - Informs EAs and Policy

“In this way, they may help to mitigate negative environmental impacts.”



# What work is involved

## Baseline Monitoring

- Pre-Development
- Research
- IBA Negotiation

## Compliance Monitoring

- During Development
- Post-Closure



# How can you and your community be involved

- ▶ Community Based Monitoring
  - ▶ Guardian Initiatives
- ▶ Proponent led – projects
  - ▶ Ie: RoFATA
- ▶ Funded initiatives
  - ▶ Government
  - ▶ Private
  - ▶ Corporate Funds



# Practical Exercise – Stream sampling field sheet - OBBN

