

## 2021 Deer Tissue Collection Program

Dear Volunteer,

The New Gold Rainy River Mine Environmental Department is looking for volunteers to assist in a Deer Tissue Collection Program. As part of our wildlife monitoring commitments to community stakeholders as well as various provincial and federal regulators, we need to collect liver and muscle tissue from the local deer population. We will be analyzing these samples for heavy metals such as lead, nickel and zinc as well as mercury and cyanide to aid in determining if there is any exposure to wildlife near the site. These tests will mirror what we look for in our air quality monitoring, as airborne particulate (dust) settling on vegetation. This would be a potential way these metals could enter the food chain. We will be running this program at intervals throughout the operation of the mine and into mine closure.

We are asking for your help to gather this data. If you are interested in volunteering your time and effort to assist us with our study, please look over this information package and let us know if you're interested in participating by emailing [rrwildlife@newgold.com](mailto:rrwildlife@newgold.com). You can also contact Nathan Baird - Environmental Specialist 807-632-6152 or Anne Marie Rousseau – Community Coordinator for more information at 1-877-234-8169.

If you wish to assist us in gathering samples we are looking for two categories, near site and outside area of influence. The outside area of influence samples will be considered a control group.

A **near site sample** would be a deer harvested within 20 kilometers of site.

**Outside the area of influence** would be considered further than 20 kilometers of site.

Please ensure you check with the local MNRF for all applicable hunting regulations.

This is a volunteer only program, New Gold is not offering any compensation for those who wish to provide samples. Your participation is greatly appreciated. We hope you have a successful hunt.

Sample kits can be picked up at the New Gold Office in Emo, ON.

Sincerely,



Nathan Baird

Environmental Specialist

New Gold Rainy River

**The following are instructions for the Deer Tissue Collection Program.**

1. If a deer is harvested during between the hours of (0700-1730) and within 30 minutes of site, New Gold Rainy River Environmental Department may be available to assist with collecting samples (1-807-632-6152).
2. Deer Tissue Collection Program kit should include the Following.
  - a. Three large bags 8 X 12 size
  - b. Fall Deer Tissue Collection Field Sheet.
  - c. Fall Tissue Collection Letter.
3. When a deer is harvested the Deer Tissue Collection Field Sheet should be filled out at the time of harvest and submitted with your sample.
4. Please collect two samples, one from the liver and one from a muscle.
5. The samples should be bagged separately and please circle either “Liver” or “Tissue” on the supplied labels.
6. Please fill in the following on the labels as well;
  - a. Name
  - b. Date
  - c. Time
  - d. Location (GPS if possible) or the closest commonly known location will do. *i.e. 4 km's down Fleming RD*
7. Sample size should be approximately 50 grams. (About the size of the palm of your hand.)
8. Samples should be kept cold or frozen.
9. Ensure the samples and the Deer Tissue Collection form are submitted together.
10. Samples can be dropped off at the New Gold Rainy River Mine Emo Office at 5967 Trans-Canada Hwy, Emo, Monday to Friday 0800-1600. Samples can also be dropped off at the Site Security Office. Please contact New Gold Rainy River Environmental Department (1-807-632-6152) when dropping off samples.