



ATAC
RESOURCES LTD.

RAU TREND ACCESS ROAD SPILL CONTINGENCY PLAN

Version: 2020-01-14



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DOCUMENT MAINTENANCE AND CONTROL

ATAC Resources Ltd. (ATAC) is responsible for the distribution, maintenance and periodic updates of this document. Final plan details and any changes to the intent of the document must be approved by the Government of Yukon Department of Energy, Mines and Resources (EMR). Changes that do not affect the intent of the document will be made as required on a regular basis (e.g. phone numbers, names of individuals, etc.).

This document will be reviewed periodically and revised as needed, taking into account changes in the law, environmental factors, and any other relevant changes. It will also be reviewed and revised following any major spill incidents.

The following table reflects all revisions to this document:

Revision #	Section(s) Revised	Description of Changes	Prepared By	Issue Date
0	N/A	Initial Version	ATAC	January 2020

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LIST OF ACRONYMS

ATAC – ATAC Resources Ltd.

EMR – Yukon Government Department of Energy, Mines and Resources

RTAR – Rau Trend Access tote-Road

RGP – Rackla Gold Project

SCP – Spill Contingency Plan

1 INTRODUCTION

1.1 BACKGROUND

The Rackla Gold Project (RGP) is located 55 km northeast of Keno City in Central Yukon and is 100% owned by ATAC Resources Ltd. (ATAC). The project covers 1,700 sq/km and hosts two distinct trends: Rau and Nadaleen.

The Rau Trend forms the western portion of the RGP and hosts the Tiger Gold Deposit, which was discovered in 2008. Proposed tote road access to the Rau Trend, hereby referred to as the “Rau Trend Access Road” (RTAR), begins at km 12 along the Hanson-McQuesten Road, approximately 11 km north of Keno City and is connected to the Yukon highway system.

1.2 PURPOSE, OBJECTIVES AND SCOPE OF THE PLAN

This Spill Contingency Plan (SCP) has been developed as part of a comprehensive set of Environmental Management Plans for the RTAR. The objective of the SCP is to put in place a set of procedures and protocols to minimize potential for spills, and outline actions to be taken should a spill occur.

The SCP is composed of five parts:

1. General Information regarding operations on the RTAR;
2. Spill Prevention and Treatment Equipment;
3. Spill Prevention Plan;
4. Spill Action and Remediation Plan; and,
5. Emergency Contact Numbers.

1.3 OTHER ENVIRONMENTAL MANAGEMENT PLANS

The following additional Environmental Management Plans are in place for construction and operation of the RTAR, and should be read in conjunction with this plan:

- Access Management Plan
- Adaptive Management Plan
- Emergency Response Plan
- Erosion and Sediment Control Plan
- Wildlife Attractant Management Plan

2 GENERAL INFORMATION

The following procedures will be used in all operations relating to the RTAR:

1. All fuel will be moved and stored in heavy walled 205 litre metal drums marked with the exploring company's name and site location.
2. On-site transfer will be from a drum directly into the equipment using a wobble pump or a small electric pump.
3. Various types of equipment will be on-site to prevent and/or treat spills. Specifics regarding this equipment are found in Spill Prevention and Treatment Equipment On-site while use of that equipment is discussed in Spill Prevention Plan and Spill Action and Remediation Plan.
4. All personnel on-site will be familiarized with use of the various spill prevention and spill treatment equipment. Implementation of the Spill Prevention Plan and the Spill Action and Remediation Plan will be discussed during site specific safety orientation meetings and copies of these plans will be posted on-site.
5. WHMIS trained personnel will be on-site to handle dangerous materials and to deal with spillage.
6. If more than 2,000 litres of fuel is stored at any site, a lined and bermed containment area will be built. If fuel is stored on-site over winter it will be put in a lined bermed containment area and covered.
7. All fuel will be stored at least 30 m from any water course.
8. Different types of special waste will be kept separate and will be placed into specially marked drums or pails. The sealed drums or pails will then be taken to a permitted disposal site. Transport of these materials will only be done by WHMIS trained personnel.

3 SPILL PREVENTION AND TREATMENT EQUIPMENT

Products that will be on hand to prevent a spill, contain a spill and initiate remediation of a spill are listed below along with locations where they will be stored.

9. At least one commercial spill kit will be at each location where fuel is stored or is being transferred into equipment. Each kit consists of:
 - a) One 20 litre plastic bucket with resealable lid;
 - b) 2 containment booms;
 - c) 15 sheets of absorbent fabric;
 - d) 10 litres of absorbent material;
 - e) One 2 m square plastic sheet;
 - f) One pair safety goggles;
 - g) One pair rubber gloves; and,
 - h) One container emergency sealant.
10. At least 10 linear metres of absorbent fabric (1 m wide) will be stored at site and additional sheets of this material will be deployed where ever equipment is in use to catch drips that might occur during fueling or servicing.
11. At least 32 kg of all purpose, natural absorbent will be stored at site.
12. At least 20 kg of high nitrogen fertilizer will be stored at site – its uses depend upon direction from Environment Canada.
13. Shovels and/or mattocks will be available where equipment is in use and at storage on site.
14. Extra rubber gloves will be available at storage on site.
15. Extra pails will be available at storage on site.
16. Empty drums will be kept at the main fuel storage area – enough empty drums will be available to replace 10% of all drums on-site (i.e. at least 2 empty drums if 20 drums are on-site).

4 SPILL PREVENTION PLAN

This plan will be discussed at the safety orientation meetings, which all personnel on-site are required to participate in prior to starting work on the property.

The following procedures will be used to minimize potential for spills:

1. Absorbent cloth must be spread beneath the work area whenever equipment is being serviced or refueled to catch spills that might occur during these activities.
2. When drums are being transported by helicopter, the landing area must be free of sharp objects that could cause a puncture.
3. If a drum is transported by truck or all-terrain vehicle, the drop-off spot must be free of sharp objects. If the drum has to be dropped off the vehicle to ground, a tire must be placed on the ground to cushion its landing.
4. All drums must be stored on their sides and bungs must be checked for evidence of leakage. If there is any suggestion that leakage could occur, the gasket on the bung must immediately be changed. If changing the gasket does not correct the problem, the fuel must be transferred to another drum.
5. Before fueling begins, the operator must make sure the drum is stable, the hose and pump are in proper working condition, and the nozzle is securely inserted into the tank being filled.
6. During fuel transfer, the operator must be able to monitor both the pump and the amount of capacity remaining in the tank being filled. If the operator cannot monitor both activities simultaneously, he must get assistance from a second party.
7. If an electric pump is being used for refueling, the operator cannot under any circumstances leave the pump unattended.
8. Care must be taken to drain fuel from hoses, pumps and stand pipes after fueling is completed so that it does not spill.
9. All personnel must be aware of:
 - a) spill prevention and treatment equipment stored on-site;
 - b) where it is stored;
 - c) and how it is to be used.
10. If any Special Waste is generated, special storage sites must be prepared which are lined with plastic and located so that the containers with the Special Waste are well protected.
11. All equipment must be checked frequently to ensure that seals and hoses are intact and they are not showing evidence of deterioration. If worn, they should be replaced before a spill occurs.

5 SPILL ACTION AND REMEDIATION PLAN

5.1 IMMEDIATE ACTIONS

1. Make sure the spill site is safe to enter and nobody is in immediate danger. **EXTINGUISH NEARBY FIRES, TURN OFF EQUIPMENT AND DO NOT SMOKE.**
2. If a spill is discovered, do not approach the site until WHMIS trained personnel arrive.
3. If petroleum is still spilling take action to prevent further spillage; for example, if fuel is overflowing during pumping, stop pumping immediately or if a drum is leaking from a bung or is punctured, roll it or stand it up so that the bung or puncture is above the level of the fuel. If the leak is on a tank that cannot be re-orientated, plug the leak with sealant found in a spill kit and then drain the tank into a drum if possible.
4. Contain the spill. Use a shovel or mattock to build a berm or dig a ditch to pond it. Do everything possible to stop it from reaching water. If it reaches water, contain it by employing a boom or, if one is not available, improvise a boom by rolling absorbent fabric around a thick, poly rope.
5. Collect as much of the fuel as possible before it is absorbed into soil. Scoop or shovel fuel and/or fuel soaked soil into pails or a drum. Pour all-purpose absorbent onto fuel puddles or fuel saturated soil. If fuel is sitting on water, use absorbent fabric to skim it. If it is on ice, use all-purpose absorbent and absorbent fabric to collect it.
6. Once everything that can be done to contain and collect the fuel has been done, notify the project supervisor so he or she can notify the appropriate authorities and plan remediation. A list of emergency response numbers is attached.

5.2 NOTIFICATION

1. Report all spills to the Yukon Spill Report Centre (867-667-7244);
2. If someone comes in direct contact with or ingested petroleum or special waste, Poison Control (867-393-8700) should be called;
3. Contact other medical authorities if needed;
4. Notify contractor's senior supervisors;
5. Notify ATAC's management; and,
6. Notify Client Services and Inspection at Land Use.

5.3 REMEDIATION

1. Follow the direction of Environmental Programs Branch (867-667-5683) and/or CANUTEC Info Line (613-992-4624).
2. Use materials and equipment on site to remediate the spill area and if need be order additional material or equipment to complete the task. The site cannot be abandoned until all remediation is complete.

5.4 SUBSEQUENT ACTIONS

Call a safety meeting to discuss how to prevent future spills and to review appropriateness of all actions taken in regard to the spill.

1. Reorder any materials that were used to contain or remediate the spill.
2. Record particulars related to the spill
 - a) Date and time;
 - b) Exact location;
 - c) Distance from water course;
 - d) Material spilled and amount;
 - e) Particulars of the spill (refueling, storage etc.);
 - f) Soil type;
 - g) Initial response and personnel involvement;
 - h) Notifications (who, when and directions received);
 - i) Remediation;
 - j) Photos and maps; and,
 - k) Waste storage, transport and disposal.

6 EMERGENCY CONTACT NUMBERS

Yukon Spills Report Centre: **867 667 7244** (collect)

Canadian Transport Emergency Centre (CANUTEC) Advisory Centres: 613 996 6666 (collect)

Environmental Programs: 1 867 667 5683

Wildland Fire: 1 888 798 3473

RCMP by area:

Whitehorse	1 867 667 5555
Carmacks	1 867 863 5555
Dawson City	1 867 993 5555
Faro	1 867 994 5555
Mayo	1 867 996 5555
Haines Junction	1 867 634 5555
Ross River	1 867 969 5555
Watson Lake	1 867 536 5555

Yukon Medical: 1 867 993 4444

Poison Control: 1 867 393 8700

Client Services and Inspection (Watson Lake): 1 867 536 7335

Mining Inspectors by area:

Whitehorse	1 867 456 3882
Carmacks	1 867 863 5271
Dawson City and Old Crow	1 867 993 7300
Faro	1 867 456 3882
Mayo	1 867 996 2568
Haines Junction and Beaver Creek	1 867 456 3882
Ross River	1 867 456 3882
Watson Lake	1 867 456 3882

ATAC Resources Ltd. and Archer, Cathro & Associates (1981) Limited

Office Hours

Vancouver Office	1 604 688 2568
Whitehorse Office	1 867 667 4415

After Hours

Senior Management	1 867 667 4415
Safety Coordinator	1 867 332 6142 or 778 686 6606
Whitehorse Office Manager	1 867 335 1547
AC Crewhouse	1 867 667 6929