Water Resources Management Division

Water Resources Management Plan

NAME OF UNDERTAKING

Aggregate Quarry Permit

- Quarry Permit Identification
  - File 71113081 covering 6.0 ha
- Environmental Assessment Registration Identification
  - File Reference Number 2223 COR-2023-81

Name of Corporate Body

Turf Point Resources Ltd.
PO Box 15
Robinsons, NL
A0N 1V0

Chief Executive Officer

Mr. Peter Dolomount
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THE UNDERTAKING

Nature of the Undertaking

The proposed project, referred to as the aggregate quarry, is a 6.0 ha quarry permit application area (File# 71113081) located Southeast of the community of Flat bay on Route 403. The site will be developed for its gravel and backfill aggregates resource under a quarry permit while primarily producing aggregate products for use in the construction industry.

The main purpose/rational of this project is to produce backfill material for the maintenance of our private haul road. This roadway extends from the producing ACE mining lease to our ship loading facility in St Georges. Access to the 6.0 ha project area will be obtained through the currently established access route to Turf Point Resources quarry permit (File #7119753) to the south east. This route is also used to access the ACE Gypsum mine. (Mining Lease #239). As shown in figure below.

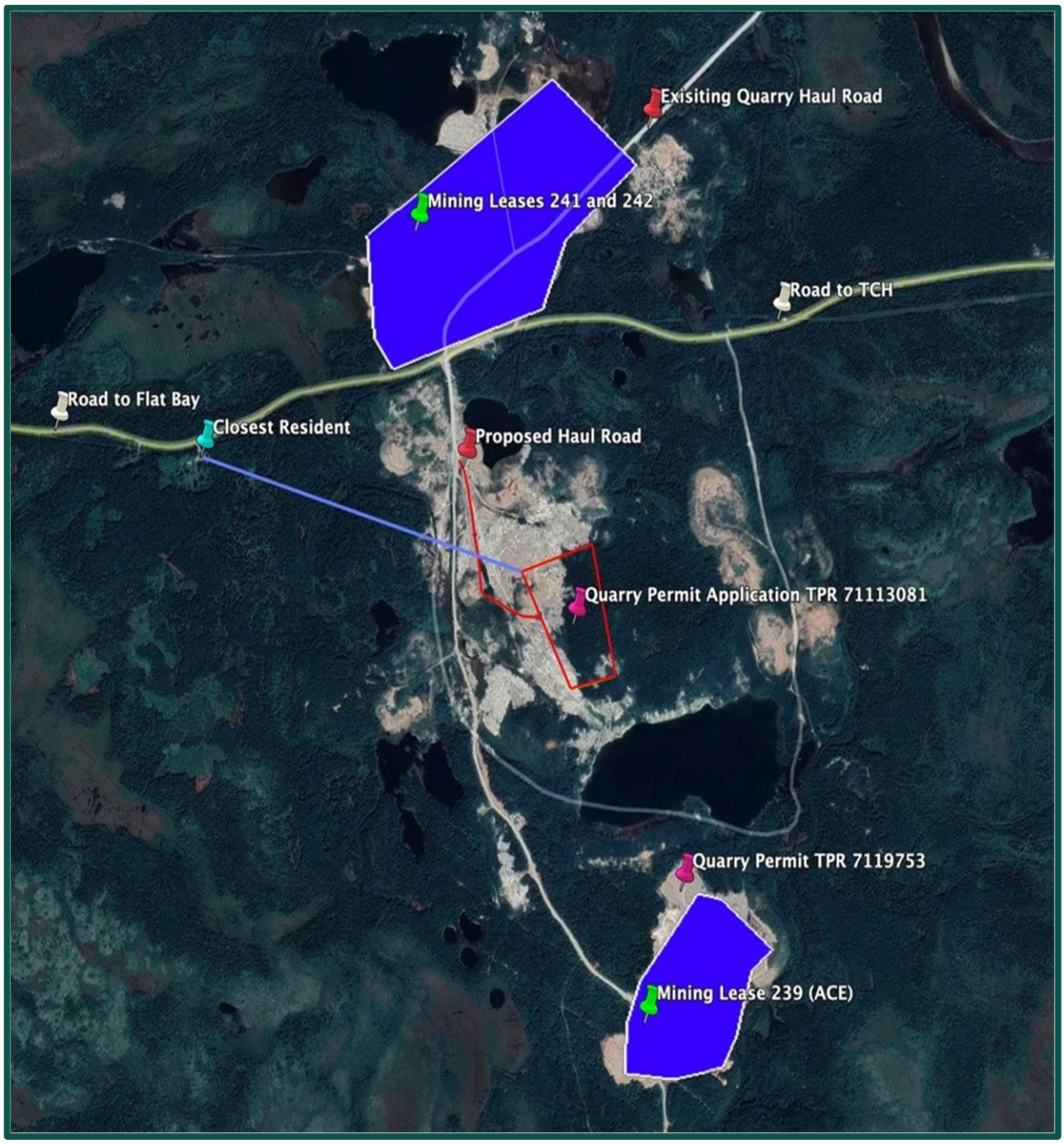
As part of the requirements for the registration of the environmental assessment this document will discuss the proposed solution to any potential run off of water by precipitation. As shown in the below map we will install a 5m buffer zone around the three sides of the quarry permit area. This buffer zone will contain any runoff that may be potentially encountered. Inside the buffer zone trenching the perimeter will ensure run off is contained and handled properly. Silt fencing with stray square bails on the downward portions of the ditches will ensure no potential silts, clays or organics are allowed to be released outside the proposed area.

Vegetation the proposed area consists of small alders, patchy grass and pre matured black spruce trees. These organics will be removed and placed within the boundaries to be used for future rehabilitation. The extraction of the aggregates will be completed in a program to reduce the environmental impact with progressive rehabilitation.

In the event of heavy precipitation, we will shut the production equipment off as the crushing and screening of aggregates during rain is not cost effective and causes many unneeded problems. The depression of elevation from the extraction of the aggregates will create a natural sump that runoff and boundary precipitation will be collected. In the unlikely event this sump water is not absorbed into the ground we will install pumping equipment to remove the water. This pumping equipment will be installed to ensure water is displaced into highly vegetated area with the use of a diffuser. This diffuser will evenly distribute the water to ensure no erosion of in-situ organics. Water run off will be monitored frequently and addressed appropriately. Under no circumstances will any water runoff be allowed to exit the proposed area and enter any potential nearby water streams, ponds, or rivers.


5m Buffer Zone
5m Buffer Zone
Image © 2022 Maxar Technologies
176 m
Google Earth


FLAT BAY RIVER 1.7km
Flat Bay Rd
OLD QUARRY WATER BODY 470m
OLD QUARRY WATER BODY 160m
Image © 2022 Maxar Technologies
626 m
Google Earth


Exisiting Quarry Haul Road
Mining Leases 241 and 242
Road to TCH
Road to Flat Bay
Closest Resident
Proposed Haul Road
Quarry Permit Application TPR 71113081
Quarry Permit TPR 7119753
Mining Lease 239 (ACE)