

## **REGULATORY REQUIREMENTS OUTSIDE OF MNDM AFFECTING MINERAL EXPLORATION AND DEVELOPMENT ACTIVITIES**

The following is a listing and descriptions of some of the regulatory permits and other notable requirements for common activities related to mineral projects. The listing is divided to two main themes – Mining Sequence Phases and Regulatory Topics. It also includes an appendix that has a list of activities with links to a list of relevant legislation that contains links to the relevant statute, regulations and application guides and forms. Some activities may be governed by more than one regulatory requirement.

The Bookmark navigation pane on the left will aid your navigation through this document. If your browser does not show this pane, save the pdf file to your computer and view with Adobe Acrobat Reader.

This document is meant to be a guide. This document cannot reflect changes that may happen in other ministries and agencies over time. Your best practice will be to consult with the relevant ministry for the most up to date regulations and requirements. This document is meant to point you in the correct direction.

### **Mining Sequence Phases**

#### *Prospecting and Claim Staking*

#### **Working on Crown Lands**

When working on Crown lands:

The Ministry of Natural Resources (MNR) requires a [work permit](#) for the construction of a road.

Approval under either the *Public Lands Act* or the *Lakes and Rivers Improvement Act* is required for all water crossings. See Appendix - [Work Permit](#).

#### **Access & Roads**

##### Public forest access roads

Public forest access roads can be opened or closed at the discretion of the MNR - district manager by authority of the *Public Lands Act* S.52. The district manager may also grant a permit for travel under terms and conditions he or she may consider advisable. Access roads may be closed by barricade or posting of signage. Proponents should contact the [local MNR office](#) for current road conditions and closures.

##### Private forest access roads

Private forest access roads may not be accessible to the public unless under term and conditions of an agreement with the land holder.

## Portages

Where public lands over which a portage has existed or exists have been sold or otherwise disposed of, any person travelling on waters connected by the portage has the right to pass over and along the portage with the person's effects without permission or payment to the owner of the lands.

## Camps

The erection of a tent camp on mining claims does not require a work permit; however, some temporary camps on Crown lands may require the issuance of a temporary Land Use Permit from MNR under the *Public Lands Act*. Construction of buildings will require a work permit from MNR. See Appendix - [Land Use Permit](#), [Work Permit - PLA](#).

## Timber and Cutting Permits

If a surface stripping program is carried out in a forested area, a Forest Resource Licence to cut timber may be required. Contact your [Ministry of Natural Resources district office](#) for information on the permit requirements. See Appendix - [Cutting Licence](#).

## Blasting Explosives Purchase and Possession Permit

A permit is required for the purchase of blasting explosives when it is for personal use and not for sale or transfer, when the quantity does not exceed the licencing threshold of 75 kilograms and/or 100 detonators, and storing does not exceed 90 days. This permit can be obtained from the licenced explosives vendor nearest you. See Appendix – [Purchase and Possession of Explosives](#).

## Worker Safety

Procedures for storage and use of explosives are outlined in the *Occupational Health and Safety Act* - Regulation for Mines and Mining Plants. See the section on [health and safety](#) for more information.

## Environmental Guidelines for Exploration

While carrying out prospecting, the guidelines set out in the Prospectors and Developers Association of Canada's [Environmental Excellence in Exploration](#) (E3) should be followed.

## Bush Safety

The Mines and Aggregate Safety and Health Association website [Workplacesafetynorth.ca](#) has publications available for purchase including: [Safe Chainsaw Handling](#)

## **Mine Hazards**

Caution must be exercised when working around inactive or abandoned mine sites.

Surface facilities and underground mine workings may be hazardous and must be approached with caution.

Underground mine workings and confined spaces must never be entered without following the appropriate safety procedures and following all applicable legislation.

For safety precautions for working near potential mine hazards please contact the [Ministry of Labour](#).

## *Exploration*

Preliminary exploration may include the following activities:

Various ground surveys within control grids, such as geological mapping and geophysical/geochemical surveys

- Airborne geophysical surveys
- Limited stripping and trenching
- Limited bulk sampling
- Various forms of drilling
- Prospecting and hand sample collection

Note: Some projects are considered [Advanced Exploration](#) and these projects are subject to additional requirements.

## **Municipal Zoning**

Mineral exploration and mine development activities may be subject to official plans and bylaws. For further information see the section on [municipal requirements](#) or contact your local municipality for further information.

## **Explosives**

Blasting Explosives Purchase and Possession Permit

A permit is required for the purchase of blasting explosives when it is for personal use and not for sale or transfer, when the quantity does not exceed the licencing threshold of 75 kilograms and/or 100 detonators, and storing does not exceed 90 days. This permit can be obtained from the licenced explosives vendor nearest you. See Appendix - [Purchase and Possession of Explosives](#).

## Magazine Licences

Licences are required for the establishment of a storage facility for all explosives where quantities exceed 75 kilograms or 100 detonators. Licences are issued by regional offices of the [Explosives Regulatory Division](#) of Natural Resources Canada. See Appendix - [Magazine Licence](#).

## Worker Safety

Procedures for storage and use of explosives are outlined in the *Occupational Health and Safety Act* - Regulation for Mines and Mining Plants. A Notification to the Ministry of Labour inspector and the joint health and safety committee is required. See Appendix – [Notification Letter of Storage or Usage of Explosives](#).

## Timber and Cutting Permits

If the surface-stripping program is carried out in a forested area, a Forest Resource Licence may be required to cut timber. Contact your [Ministry of Natural Resources \(MNR\) district office](#) for information on the permit requirements. See Appendix - [Timber Licence](#).

## Fire Permits

If you are planning to do any burning while you carry out your exploration program, please review the Burning Guidelines in order to determine if a fire permit is required. Fire permits may be obtained from your [local Ministry of Natural Resources office](#). See Appendix - [Burning Permits](#).

## Working on Crown Lands

A [work permit](#) is required from MNR for the construction of all roads, buildings or structures on [Crown lands](#) with the exception of roads already approved under the *Crown Forest Sustainability Act*. See Appendix - [Work Permit-PLA](#).

## Access & Roads

### Public forest access roads

Public forest access roads can be opened or closed at the discretion of the MNR - district manager by authority of the *Public Lands Act* S.52. The District Manager may also grant a permit for travel under terms and conditions he or she may consider advisable. Access roads may be closed by barricade or posting of signage. Proponents should contact the [local Ministry of Natural Resources office](#) for current road conditions and closures.

### Private forest access roads

Private forest access roads may not be accessible to the public unless under term and conditions of an agreement with the land holder.

## Portages

Where public lands over which a portage has existed or exists have been sold or otherwise disposed of, any person travelling on waters connected by the portage has the right to pass over and along the portage with the person's effects without permission or payment to the owner of the lands.

## Working in or Near Water

### Water Crossings

Water crossings, including culverts, bridges and winter ice bridges, will require approval from the Ministry of Natural Resources. This applies to all water crossings whether on Crown, municipal, leased or private land and includes water crossings for trails. Authorization may take the form of a work permit under the *Public Lands Act* (PLA) or approvals under the *Lakes and Rivers Improvement Act* (LRIA). Information about [water crossing requirements](#) can be found at the Ministry of Natural Resources website.

See Appendix - [Work Permit–PLA](#), and [Authorization–LRIA](#). Contact the [local Ministry of Natural Resources office](#) to obtain the appropriate approval.

In areas under the jurisdiction of a [conservation authority](#), some activities may be managed or regulated by the conservation authority. Please contact your local [conservation authority](#) for more information.

Any work undertaken in a navigable waterway must receive Transport Canada's approval prior to its construction. The type of approval required and the process to be followed will vary depending on the type and complexity of the proposed work. See Appendix - [Navigable Waters](#).

### Fish and Fish Habitat

In circumstances where there is potential to affect fish or [fish habitat](#), the federal [Department of Fisheries and Oceans](#) (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a *Fisheries Act* Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved. For further information see "[Projects Near Water](#)" at DFO's Web site. See Appendix - [Fish Habitat Authorization](#).

## Environmental Assessments

There are a number of environmental assessment (EA) processes that may apply to an exploration project. Projects requiring work permits under the *Public Lands Act* and *Lakes and Rivers Improvement Act* are subject to screening under the Class EA process of the Ministry of Natural Resources. These EA processes may be fairly routine; however, there may be instances where more significant processes may be triggered.

See the section on [environmental assessments](#).

## Drilling

Exploration diamond drilling may only occur on a valid mining claim. Contact a Ministry of Labour Inspector regarding the [workplace safety and health standards](#) that must be met during a drilling project. A Notice of Diamond Drill Operations is required.

All drill and boreholes should be properly plugged if there is a risk of the following:

- A physical hazard.
- Groundwater contamination.
- Artesian conditions.
- Adverse intermingling of aquifers.

Appropriate plugging methods may vary and will depend on the type of hole and geology. *Ontario Water Resources Act* water well regulations may apply. See Appendix - [Water Well Regulations](#).

## Environmental Guidelines for Exploration

While carrying out prospecting, the guidelines set out in the Prospectors and Developers Association of Canada's [Environmental Excellence in Exploration](#) (E3) should be followed.

## Camps

Construction of an exploration camp requires a work permit if located on Crown land (see section on Working on Crown Lands above). The use of a tent camp on mining claims does not require a work permit, but the use of a temporary camp on Crown land may require the issuance of a temporary Land Use Permit under the *Public Lands Act*. Construction of buildings will require a work permit. See Appendix - [Land Use Permit, Work Permit](#).

The Ministry of Health and community [public health units](#) administer the *Health Protection and Promotion Act* which regulates camp health and hygiene. A Notice of Camp Opening is required for field camps serving five or more persons in unorganized territory. Local health units may also approve small-sized sewage systems for these camps depending on the number of people in the camp. See Appendix - [Notice of Camp Opening](#).

## Bush Safety

The Mines and Aggregate Safety and Health Association website [Workplacesafetynorth.ca](#) has publications available for purchase including:

[Safe Chainsaw Handling](#)

## **Provincial Highways**

Drilling on, or adjacent to, a provincial highway right-of-way may require a permit from the [Ontario Ministry of Transportation](#) (MTO). Information on encroachments can be obtained from your local [MTO highway corridor management office](#). See Appendix - [Encroachment Permit](#).

## **Railway Crossings**

Private railway crossings may require a use and maintenance agreement with the local railway company. Please contact the specific railway company for further information. See Appendix – [Railway Crossings](#).

## *Advanced Exploration*

Advanced Exploration projects most often require various other permits and approvals depending on the type of project, location and other factors. Larger-scale projects may trigger significant additional permitting requirements.

## **Municipal Requirements**

Mineral exploration and mine development activities may be subject to official plans and bylaws within [municipalities](#). Construction of buildings and other structures will require building permits, compliance with the Ontario Building Code and will be subject to municipal property taxes. For more information see the [municipal requirements](#) page.

## **Land Use Designations**

Land use restrictions on the project lands or on adjacent lands may have an impact on the project. Land restrictions such as parks or protected areas can be reviewed on websites such as [CLAIMaps](#) (Claim Maps) and the [Crown Land Use Policy Atlas](#). Contact your local MNDR and MNR offices for additional information.

## **Cultural and Heritage Values**

Studies are often required by the [Ministry of Tourism, Culture and Sport](#) (MTCS) to evaluate a site's potential for cultural and heritage value to ensure these are protected. The *Ontario Heritage Act*, and the *Planning Act* contain provisions regarding protection of archaeological and cultural heritage sites (studies and standards for archaeological studies will be required). See Appendix - [Protection of Archaeological Sites](#)

## **Requirements for Cutting Crown Timber**

A Forest Resource Licence may be required to cut timber. Contact your [Ministry of Natural Resources \(MNR\) district office](#) for information on the permit requirements. See Appendix - [Timber Licence](#).

## Development of Aggregate Sources

Development of an aggregate pit will require permitting from the Ministry of Natural Resources (MNR) if the aggregate is Crown owned, or licencing if located in designated parts of the province. See Appendix – [Aggregate Licence](#), [Aggregate Permits](#).

## Work Permits

Permits are required for certain types of work on [Crown land](#), such as the construction of roads and buildings or structures. Work permits are not required if the work is on property where the surface is leased or patented. See Appendix – [Work Permint – PLA](#).

## Camps

Construction of an exploration camp requires a work permit if on Crown land (see section on Work Permits above). The Ministry of Health and community [public health units](#) administer the *Health Protection and Promotion Act* which regulates camp health and hygiene. A Notice of Camp Opening is required for field camps serving five or more persons in unorganized territory. Local health units may also approve small-sized sewage systems for these camps depending on the number of people in the camp. See [Appendix – Notice of Camp Opening](#).

## Fire Permits

If you are planning to do any burning while you carry out your exploration program, please review the Burning Guidelines in order to determine if a fire permit is required. Fire permits may be obtained from your [local Ministry of Natural Resources office](#). See Appendix - [Burning Permits](#).

### Fire Prevention

Operations must comply with the *Forest Fires Prevention Act*. Information regarding the requirements of the Act and fire safety can be found at MNR's [How We Manage Forest Fires](#).

In addition, if the project is within a municipality, additional restrictions and requirements may apply. Contact the [municipality](#) where the project is located for information.

## Access Roads

### Public forest access roads

Public forest access roads can be opened or closed at the discretion of the MNR - district manager by authority of the *Public Lands Act* S.52. The district manager may also grant a permit for travel under terms and conditions he or she may consider advisable. Access roads may closed by barricade, or posting of signage. Proponents should contact the [local Ministry of Natural Resources office](#) for current road conditions and closures.



Private forest access roads

Private forest access roads may not be accessible to the public unless under term and conditions of an agreement with the land holder.

## **Working in or Near Water**

### Water Crossings

Water crossings, including culverts, bridges and winter ice bridges, will require approval from the Ministry of Natural Resources. This applies to all water crossings whether on Crown, municipal, leased or private land and includes water crossings for trails. Authorization may take the form of a work permit under the *Public Lands Act* (PLA) or approvals under the *Lakes and Rivers Improvement Act* (LRIA). Information about [water crossing requirements](#) can be found at the Ministry of Natural Resources website.

See Appendix - [Work Permit–PLA](#), and [Approval–LRIA](#). Contact the [local Ministry of Natural Resources office](#) to obtain the appropriate approval.

In areas under the jurisdiction of a [conservation authority](#), some activities may be managed or regulated by the conservation authority. Please contact your local [conservation authority](#) for more information.

Any work undertaken in a navigable waterway must receive Transport Canada's approval prior to its construction. The type of approval required and the process to be followed will vary depending on the type and complexity of the proposed work. See Appendix - [Navigable Waters](#).

In circumstances where there is potential to affect fish or [fish habitat](#), the federal [Department of Fisheries and Oceans](#) (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a *Fisheries Act* Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved. For further information see "[Projects Near Water](#)" at DFO's Web site. See Appendix - [Fish Habitat Authorization](#).

### Dams and Diversions

The construction of dams, dikes and diversions requires approvals under the *Lakes and Rivers Improvement Act (LRIA)*. "Dam" under the Act means a structure or work forwarding, holding back or diverting water and includes a dam, tailings dam, dike, diversion, channel alteration, artificial channel, culvert or causeway. Approvals are through the [Ministry of Natural Resources](#). See Appendix – [Approval – LRIA](#)

In circumstances where there is potential to affect fish or [fish habitat](#), the federal [Department of Fisheries and Oceans](#) (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a *Fisheries Act* Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved. For further information see "[Projects Near Water](#)" at DFO's Web site. See Appendix - [Fish Habitat Authorization](#).

## **Environmental Permits and Approvals**

Various environmental standards, permits and approval processes may apply to some aspects of an Advanced Exploration project. These include permit requirements for power generation systems, waste management systems, treatment systems, emission sources and water takings. See [environmental permits and approvals](#).

## **Electricity Projects**

In addition to other permits that may be required, changes to the *Energy Act* now subject private electricity projects to the requirements of the Provincial *Environmental Assessment Act*.

For example:

Diesel generation facilities between >1 MW and <5 MW require a screening level environmental assessment.

Diesel generation facilities >5 MW require an individual environmental assessment

Most power transmission lines will be subject to the class environmental assessment process for minor transmission line projects.

See [Environmental Assessments](#) for further information.

## **Environmental Assessments**

There are a number of environmental assessment processes that may apply to an Advanced Exploration project. While the environmental assessment process is often routine, there are some instances where more significant processes may be triggered. See [Environmental Assessments](#).

## **Occupational Health and Safety Requirements**

There are extensive requirements for surface operations and underground operations. See [Health and Safety Requirements](#).

## **Explosives**

### **Blasting Explosives Purchase and Possession Permit**

A permit is required for the purchase of blasting explosives when it is for personal use and not for sale or transfer, when the quantity does not exceed the licencing threshold of 75 kilograms and/or 100 detonators, and storing does not exceed 90 days. This permit can be obtained from the licenced explosives vendor nearest you. See Appendix - [Purchase and Possession of Explosives](#).

### **Magazine Licences**

Licences are required for the establishment of a storage facility for all explosives where quantities exceed 75 kilograms or 100 detonators. Licences are issued by regional

offices of the [Explosives Regulatory Division](#) of Natural Resources Canada. See Appendix - [Magazine Licence](#).

#### Worker Safety

Procedures for storage and use of explosives are outlined in the *Occupational Health and Safety Act* - Regulation for Mines and Mining Plants. A Notification to the Ministry of Labour inspector and the joint health and safety committee is required. See Appendix – [Notification Letter of Storage or Usage of Explosives](#).

### **Fuel Storage and Handling - Technical Safety Inspections and Approvals**

Standards for fuels storage and handling are covered under the *Technical Standards & Safety Act (TSSA)*. For more information about TSSA requirements, including certification and inspections, contact the [Technical Standards & Safety Authority](#).

### **Spills**

Part X of the *Environmental Protection Act* requires immediate notification to the Ministry of the Environment (MOE) in the event of a spill of a pollutant into the natural environment. Any abnormal discharge of a contaminant into the natural environment is considered a spill and requires immediate notification. [See the Spills Action Centre](#). See Appendix - [Spills](#).

The owner or controller of the pollutant also has the duty to act to restore the natural environment and prevent any adverse affects.

The MOE Spills Action Centre is available 24 hours a day at 1-800-268-6060 for spill notification. See the link above for more information.

### **Provincial Highways**

Anyone planning to construct on, or adjacent to, a provincial highway may require a permit from the [Ontario Ministry of Transportation](#) (MTO). MTO issues permits under the [Public Transportation and Highway Improvement Act](#), and administration of the permits is the responsibility of the Corridor Management Office.

The Corridor Management Office administers control over the following activities on and adjacent to provincial highways:

Commercial signage. See Appendix - [Highway Commercial Sign Permit](#)

[Building construction and land use](#). See Appendix - [Highway Corridor Building/Land use Permit](#)

[Entrances to provincial highways](#). See Appendix - [Highway Entrance Permit](#)

[Encroachments of highway right-of-way](#). See Appendix - [Highway Encroachment Permit](#).

Information on all highway corridor-related activities can be obtained from your local MTO [highway corridor management](#) office. Appropriate permit applications can be found in each of the activities sites listed above.

## **Railway Crossings**

Private railway crossings may require a use and maintenance agreement with the local railway company. Please contact the specific railway company for further information. See Appendix – [Railway Crossings](#).

## *Mine Development*

Since mining projects vary in size and scope, permitting will depend on the specifics of the project, its location and facilities, and many other factors. Permitting processes for larger-scale projects may be very complex.

"Mine production" means mining that is producing any mineral or mineral-bearing substance for immediate sale or stockpiling for future sale, and includes the development of a mine for such purposes.

## **Metallic Minerals, Non-metallic Minerals and Aggregate**

Mine production under the *Mining Act* applies to underground mining of all minerals and surface mining of all metallic minerals but only some non-metallic minerals. The non-metallic minerals covered by the *Mining Act* for surface mining are as follows: andalusite, asbestos, barite, coal, diamond, graphite, gypsum, kaolin, kyanite, lepidolite, magnesite, mica, petalite, phosphate-rock, nepheline-syenite, salt, sillimanite, spodumene, talc and wollastonite. Other non-metallic minerals are considered aggregate as defined by the *Aggregate Resources Act*. Please see the section on [Aggregate](#) and the *Aggregate Resources Act*.

## **Rough Diamonds**

Rough diamonds of Canadian origin are subject to the provisions of the [Export and Import of Rough Diamonds Act \(EIRDA\)](#). The Act provides controls for the export, import or transit across Canada of rough diamonds and enables the implementation in Canada of the international Kimberley Process Certification Scheme for trade in rough diamonds. See [Appendix – Kimberley Process](#).

## **Municipal Requirements**

Mineral exploration and mine development activities may be subject to official plans and bylaws within [municipalities](#). Construction of buildings and other structure will require building permits, compliance with the Ontario Building Code and will be subject to municipal property taxes. For more information see [Municipal Requirements](#).

## **Cultural and Heritage Values**

Studies are often required by the [Ministry of Tourism, Culture and Sport](#) (MTCS) to evaluate a site's potential for cultural and heritage value to ensure these are protected. The [Ontario Heritage Act](#) and the *Planning Act* contain provisions regarding protection of archaeological and [cultural heritage](#) sites (studies and standards for archaeological studies will be required).

## **Land Use Designations**

Land use restrictions on the project lands or on adjacent lands may have an impact on the project. Land restrictions such as parks or protected areas can be reviewed on websites such as [CLAIMaps](#) (Claim Maps) and the [Crown Land Use Policy Atlas](#). Contact your local MNDM and MNR offices for additional information.

## **Cutting Crown Timber**

A Forest Resource Licence may be required to cut timber. Contact your [Ministry of Natural Resources \(MNR\) district office](#) for information on the permit requirements. See Appendix - [Timber Licence](#).

## **Development of Aggregate Sources**

Development of an aggregate pit will require permitting from the Ministry of Natural Resources (MNR) if the aggregate is Crown owned, or licencing if located in designated parts of the province. See Appendix – [Aggregate Licence](#), [Aggregate Permits](#).

## **Work Permits**

Permits are required for certain types of work on [Crown Land](#), such as the construction of roads and buildings or structures. Work permits are not required if the work is on property where the surface is leased or patented. See Appendix – [Work Permit-PLA](#).

## **Aggregate Supply**

Aggregate supplies requiring the development of a new or expanded pit may require permitting or licensing. Development of an aggregate pit will require permitting from the Ministry of Natural Resources (MNR) if the aggregate is Crown owned, or licencing if located in designated parts of the province. See Appendix – [Aggregate Licence](#), [Aggregate Permits](#).

## **Mining/Construction Camps**

Construction of a camp requires a work permit if on Crown land. (See section on work permits above). The Ministry of Health and community [public health units](#) administer the *Health Protection and Promotion Act* which regulates camp health and hygiene. A Notice of Camp Opening is required for field camps serving five or more persons in

unorganized territory. Local health units may also approve small-sized sewage systems for these camps depending on the number of people in the camp.

See Appendix - [Notice of Camp Opening](#), [Work Permits](#) , [Zoning Order](#).

## Fire Prevention

Operations must comply with the *Forest Fires Prevention Act*. Information regarding the requirements of the Act and fire safety can be found at MNR's [How We Manage Forest Fires](#).

In addition, if the project is within a municipality, additional restrictions and requirements may apply. Contact the [municipality](#) where the project is located for information.

## Working in or Near Water

### Water Crossings

Water crossings, including culverts, bridges and winter ice bridges, will require approval from the Ministry of Natural Resources. This applies to all water crossings whether on Crown, municipal, leased or private land and includes water crossings for trails. Authorization may take the form of a work permit under the *Public Lands Act* (PLA) or approvals under the *Lakes and Rivers Improvement Act* (LRIA). Information about [water crossing requirements](#) can be found at the Ministry of Natural Resources website.

See Appendix - [Work Permit–PLA](#), and [Approval–LRIA](#). Contact the [local Ministry of Natural Resources office](#) to obtain the appropriate approval.

In areas under the jurisdiction of a [conservation authority](#), some activities may be managed or regulated by the conservation authority. Please contact your local [conservation authority](#) for more information.

Any work undertaken in a navigable waterway must receive Transport Canada's approval prior to its construction. The type of approval required and the process to be followed will vary depending on the type and complexity of the proposed work. See Appendix - [Navigable Waters](#).

In circumstances where there is potential to affect fish or [fish habitat](#), the federal [Department of Fisheries and Oceans](#) (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a *Fisheries Act* Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved. For further information see "[Projects Near Water](#)" at DFO's Web site. See Appendix - [Fish Habitat Authorization](#).

### Dams and Diversions

The construction of dams, dikes and diversions requires approvals under the *Lakes and Rivers Improvement Act* (LRIA). "Dam" under the Act means a structure or work forwarding, holding back or diverting water and includes a dam, tailings dam, dike, diversion, channel alteration, artificial channel, culvert or causeway. Approvals are through the [Ministry of Natural Resources](#). See Appendix - [Approval – LRIA](#).

In areas under the jurisdiction of a [conservation authority](#), some activities may be managed or regulated by the conservation authority. Please contact your local [conservation authority](#) for more information

In circumstances where there is potential to affect fish or [fish habitat](#), the federal [Department of Fisheries and Oceans](#) (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a *Fisheries Act* Authorization will be required from DFO. In some cases, the Ministry of Natural Resources and your local conservation authority may also be involved. For further information see "[Projects Near Water](#)" at DFO's Web site. See Appendix - [Fish Habitat Authorization](#).

### Dredging

Dredging may be required for navigation purposes for some mining operations needing access to water transportation. Dredging may require approvals from a number of government bodies including the Ministry of Natural Resources under the *Public Lands Act*. See Appendix – [Work Permit-PLA](#).

Approvals may also be required under the Federal *Fisheries Act*. Marine dumping of dredge spoils requires the approval of Environment Canada. See Appendix - [Dredge Disposal](#).

## Environmental Permits and Approvals

Various environmental standards, permits and approval processes will apply to different aspects of a mining project. These include permit requirements for: power generation systems, waste management systems, treatment systems, emission sources and water takings. See [Environmental Permits](#) and approvals.

## Electricity Projects and Power Lines

In addition to other permits that may be required, changes to the *Energy Act* now subject private electricity projects to the requirements of the provincial *Environmental Assessment Act*. For example:

Diesel generation facilities between >1 MW and <5 MW require a screening level environmental assessment.

Diesel generation facilities >5 MW require an individual environmental assessment

Most power transmission lines will be subject to the class environmental assessment process for minor transmission line projects.

See the section on [environmental assessments](#) for further information.

Many transmission lines also require approval under the Ontario Energy Board. See Appendix - [OEB Order to Construct](#).

## Environmental Assessments

Mine development projects often trigger environmental assessment requirements under both the *Canadian Environmental Assessment Act* and the *Ontario Environmental Assessment Act*. The type of the environmental assessment usually depends on the nature of the regulatory trigger. The implications environmental assessment on project permits and schedule will depend the type of process. See the section on [environmental assessment](#).

## Occupational Health and Safety Requirements

There are extensive requirements for surface operations and underground operations.

See [Occupational Health and Safety](#).

## Explosives

### Magazine Licences

Licences are required for the establishment of a storage facility for all explosives where quantities exceed 75 kilograms or 100 detonators. Licences are issued by regional offices of the [Explosives Regulatory Division](#) of Natural Resources Canada. See Appendix - [Magazine Licence](#).

### Factory Licences

Licences are required for explosive manufacturing facilities. More information is available at Natural Resource Canada.

The [Canadian Environmental Assessment Act](#) (CEAA) requires that an environmental assessment is completed before a factory licence is issued or significant amendments or changes are expected to an existing factory. See Appendix - [Factory Licence](#).

### Transportation Permits

An Explosives Transportation Permit is generally required when transporting explosives by road in loads exceeding 2,000 kilograms net explosives weight. Transport Canada's Dangerous Goods Directorate issues these permits. For more information on transportation permits, contact: [Dangerous Goods Directorate](#) of Transport Canada.

### Worker Safety

Procedures for storage and use of explosives are outlined in the *Occupational Health and Safety Act* - Regulation for Mines and Mining Plants. A notification to the Ministry of Labour inspector and the joint health and safety committee is required. See Appendix – [Health and Safety](#) for more information.

## Fuel Storage and Handling

Technical Safety Inspections and Approvals Standards for fuels storage and handling are covered under the *Technical Standards & Safety Act*. For more information about TSSA requirements including certification and inspections contact, the [Technical Standards & Safety Authority](#).



## Spills

Part X of the *Environmental Protection Act* requires immediate notification to the Ministry of the Environment (MOE) in the event of a spill of a pollutant into the natural environment. Any abnormal discharge of a contaminant into the natural environment is considered a spill and requires immediate notification. [See the Spills Action Centre](#). See Appendix - [Spills](#).

The owner or controller of the pollutant also has the duty to act to restore the natural environment and prevent any adverse effects.

The MOE Spills Action Centre is available 24 hours a day at 1-800-268-6060 for spill notification. See the link above for more information.

## Provincial Highways

Anyone planning to construct on, or adjacent to, a provincial highway may require a permit from the [Ontario Ministry of Transportation](#) (MTO). MTO issues permits under the [Public Transportation and Highway Improvement Act](#), and administration of the permits is the responsibility of the Corridor Management Office.

The Corridor Management Office administers control over the following activities on and adjacent to provincial highways:

Commercial signage - See Appendix - [Highway Commercial Sign Permit](#)

[Building construction and land use](#). See Appendix - [Highway Corridor Building/Land use Permit](#)

[Entrances to provincial highways](#). See Appendix - [Highway Entrance Permit](#)

[Encroachments of highway right-of-way](#). See Appendix - [Highway Encroachment Permit](#).

Information on all highway corridor-related activities can be obtained from your local MTO [highway corridor management](#) office. Appropriate permit applications can be found in each of the activities sites listed above.

Construction of a new highway or relocation of an existing highway triggers Class Environmental Assessment for Provincial Transportation Facilities. See the section on [environmental assessment](#) or contact the [Ministry of Transportation](#).

## Pipelines

Hydrocarbon pipelines may require approval under the Ontario Energy Board. See Appendix - [Pipeline Construction](#).

## **Railway Crossings**

Private railway crossings may require a use and maintenance agreement with the local railway company. Please contact the specific railway company for further information. See Appendix – [Railway Crossings](#).

## ***Mine Operations / Production***

The following list outlines common compliance, monitoring, reporting and other requirements for an operational mine.

## **Environmental Monitoring and Reporting**

The Ontario Ministry of the Environment Wastewater System or MEWS, is a web-based industrial wastewater discharge monitoring and reporting application. It is designed to monitor effluent discharges of the nine industrial sectors regulated under the Clean Water Regulations. Industrial dischargers are required to sample, analyze and report data on their effluents, and to ensure that the quality and quantity of discharges comply with regulation limits.

MEWS is designed to replace the MISA Industrial Data Entry System (MIDES). The business concepts of the two systems are the same. However, many of the "maintenance" aspects of the MIDES application have been simplified in MEWS, which will enable regulated companies to focus on the reporting of their industrial wastewater discharges. See Appendix - [Effluent Monitoring](#).

The Metal Mining Effluent Regulations (MMER) under the federal *Fisheries Act* requires data submission through the [Regulatory Information Submission System \(RISS\)](#). This is the federal electronic system created to provide the portal for regulatory data submission by the mines. It is a requirement under MMER that mine owners and operators report monitoring results in writing and in electronic format.

## **Spills Reporting**

Part X of the *Environmental Protection Act* requires immediate notification to the Ministry of the Environment (MOE) in the event of a spill of a pollutant into the natural environment. Any abnormal discharge of a contaminant into the natural environment is considered a spill and requires immediate notification. [See the Spills Action Centre](#). See Appendix - [Spills](#).

The owner or controller of the pollutant also has the duty to act to restore the natural environment and prevent any adverse affects.

The MOE Spills Action Centre is available 24 hours a day at 1-800-268-6060 for spill notification. See the link above for more information.

The federal Metal Mining Effluent Regulations (MMER), when applicable requires immediate reporting of spills.

Inspections by the Ontario Ministry of Environment

[What to Expect When an Environmental Officer Inspects Your Facility](#) (Ontario Ministry of Environment 2004) provides a general description of what to expect from, and how to prepare for, an inspection by an environmental officer from MOE. (PDF, 616kB)

## **Occupational Health and Safety Act**

### [Reportable incident](#)

For other notices, standards and reporting requirements see the section on [Occupational Health and Safety](#).

## *Mine Rehabilitation*

### **Progressive Rehabilitation**

A proponent shall take all reasonable steps to progressively rehabilitate a site whether closure has commenced or a closure plan has been filed

While not a permit process, the federal MMER also requires a mine to notify Environment Canada in the event that the mine ends commercial operation. In addition, under the MMER, an owner/operator can also seek recognized closed mine status as part of a closure strategy.

### **Municipal Requirements**

Mine reclamation activities will interest local municipalities with respect to official plans and future development. Construction or demolition of buildings and other structures will require building/demolition permits. See [municipal requirements](#).

## **Regulatory Topics**

### *Aggregate*

Information on access to and use of aggregate resources and the requirements under legislation administered by the Ministry of Natural Resources (MNR) are outlined below.

### **Aggregate Definition**

The term “aggregate” as defined in the Ontario *Aggregate Resources Act* (ARA) and Regulation 244/97 (amended to 209/04) (See Appendix [– Aggregate Permits / Licences](#)), means gravel, sand, clay, earth, shale, stone, limestone, dolostone,

sandstone, marble, granite, “rock” or other prescribed material. Note, the term “Earth” does not include topsoil and peat.

In the definition of aggregate the term “rock” excludes metallic ores and the non-metallic ores: andalusite, asbestos, barite, coal, diamond, graphite, gypsum, kaolin, kyanite, lepidolite, magnesite, mica, petalite, phosphate-rock, nepheline-syenite, salt, sillimanite, spodumene, talc, and wollastonite.

## Placer Mining

Placer mining is the extraction of non-aggregate minerals from sand and gravel, soil or other loose, unconsolidated surface materials. Placer minerals are typically gold, silver, platinum or precious stones.

Placer mining is regulated under the Mining Act administered by the MNDM. However, the excavation of aggregate or topsoil resulting from non-aggregate mineral extraction from a placer deposit is considered to be the operation of a pit for the purpose of the *Aggregate Resources Act* (ARA), and an aggregate permit is required (see [ARA Section 34.\(1\)](#)). The Ministry of Natural Resources and the Ministry of Northern Development and Mines should be contacted for an interpretation of the regulatory requirements for any potential placer mining development.

### Aggregate Permitting and Licensing

Aggregate resources of Ontario are administered by the Ministry of Natural Resources. Production of aggregate requires either a permit or licence unless the aggregate is being produced from a property where the surface and mining rights are patented and the property is located an area that is not designated under the *Aggregate Resources Act*. Areas are designated under Regulation 244/97 (as amended to 209/04). See Appendix – [Aggregate Licences](#).

### Licence (in designated areas)

An aggregate licence is required to operate a pit or quarry on private land in in areas designated under the *Aggregate Resources Act*. The licence applies to all land that is not land under water, and where the surface rights are not the property of the Crown. A Class A licence is required to remove more than 20,000 tonnes of aggregate annually from a pit or quarry. A Class B licence is required to remove 20,000 tonnes or less of aggregate annually from a pit or quarry. See Appendix - [Aggregate Licence](#).

### Permit

An aggregate permit is required

- to operate a pit or quarry
- to excavate aggregate or topsoil that is on land, the surface rights of which are the property of the Crown, even if the surface rights are leased to another person;
- to excavate aggregate or topsoil that is the property of the Crown from land under water;
- to excavate aggregate or topsoil that is the property of the Crown in a part of Ontario that is not designated; or

- to excavate aggregate that is not the property of the Crown from land under water.

See Appendix - [Aggregate Permit](#).

The application process can be found in the [Aggregate Resources of Ontario, Provincial Standards Version 1.0](#). The document covers the 15 different application categories for pits and quarries

Aggregate Resources Inventory Papers [ARIPs](#) and Aggregate Resource Inventory Maps [ARIMs](#) provide information on aggregate resources in Ontario. To order these publications, please contact: [Publications Ontario](#).

### *Crown Land and Resources*

Information on access to and use of Crown land and resources and the requirements under various legislation administered by the Ministry of Natural Resources (MNR) are outlined below. Visit [MNR's website](#) or dial toll free 1-800-667-1940 to be directed to the district office you need to speak to.

### **Crown Land**

Some mining facilities may require the acquisition of Crown lands under the *Public Lands Act* administered by the Ministry of Natural Resources. These circumstances are usually related to the acquisition or some form of land tenure to accommodate access or infrastructure such as roads, power lines, pipelines and other facilities. Further information related to the [buying and renting of Crown land](#) acquired under the *Public Lands Act* is available.

### **Land Use Designations**

Land use restrictions, on the project lands or on adjacent lands may have an impact on the project. Land restrictions such as parks or protected areas can be reviewed on Websites such as [CLAIMaps](#) (Claim Maps) and the [Crown Land Use Policy Atlas](#). Contact your local MNDM and MNR offices for additional information.

### **Requirements for Cutting Crown Timber**

A forest resource licence is required to cut Crown-owned timber. Contact your [Ministry of Natural Resources district office](#) for [information](#) on the permit requirements.

### **Aggregate Sources**

Aggregate supplies may require permits or licences. For further information, see [aggregate](#).

### **Work Permits**

Work Permits are required by the Ministry of Natural Resources (MNR) for certain types of work on Crown land such the construction of roads and buildings. Information regarding [work permit requirements](#) can be found at the MNR website. With the

exception of water crossings, work permits are not required if the work is on property where the surface is leased or patented. See Appendix - [Work Permit-PLA](#).

#### Mining/Construction Camps

Construction of a camp requires a work permit if on Crown land (see Work Permits above). Camp health and hygiene in an unorganized area are regulated by the *Health Protection and Promotion Act* administered by the Ministry of Health and community [public health units](#). A Notice of Camp Opening is required for field camps serving five or more persons. These requirements are outlined in the *Health Protection and Promotion Act*, R.R.O. 1990, Reg. 554 Camps in Unorganized Territory. See Appendix - [Notice of Camp Opening](#).

#### Fire Prevention

Operations must comply with the *Forest Fires Prevention Act*. Information regarding the requirements of the Act and fire safety can be found on the Ministry of Natural Resources website under [forest fire management](#).

In addition, if the project is within a municipality, additional restrictions and requirements may apply; contact your local municipality for information.

### **Access and Roads**

#### Public forest access roads

Public forest access roads can be opened or closed at the discretion of the MNR - District Manager by authority of the *Public Lands Act* S.52. The District Manager may also grant a permit for travel under terms and conditions he or she may consider advisable. Access roads may be closed by barricade, or posting of signage. Proponents should contact the [local MNR office](#) for current road conditions and closures.

#### Portages

Under the *Public Lands Act* where public lands over which a portage have existed or exists has been sold or otherwise disposed of, any person travelling on waters connected by the portage has the right to pass over and along the portage with the person's effects without permission or payment to the owner of the lands.

### **Working in or near Water**

Water crossings, including culverts, bridges and winter ice bridges, may require approval through a work permit from MNR. This generally applies to all water crossings whether on Crown, municipal or private land. Information regarding [work permit requirements](#) can be found at the Ministry of Natural Resources website. Work permits are often issued under the *Public Lands Act (PLA)*. See Appendix - [Work Permit-PLA](#). A water crossing located on municipal or private land may also require a work permit issued under the *Lakes and Rivers Improvement Act (LRIA)*. Readers are advised to contact your local Ministry of Natural Resources office to determine if such a work permit is required. See Appendix - [Approval-LRIA](#).

In areas under the jurisdiction of a conservation authority, some activities may be managed or regulated by the conservation authority. Please contact the local [conservation authority](#) for more information.

In circumstances where there is potential to affect [fish or fish habitat](#), the Ministry of Natural Resources, the local conservation authority and the federal Department of Fisheries and Oceans (DFO) must be contacted. Proper planning and care must be taken to mitigate impact on water quality and fish habitat. Where impact on fish habitat is unavoidable, a Fisheries Act Authorization will be required from [DFO](#). See Appendix - [Fish Act Authorization](#).

## **Dams and Diversions**

The construction of dams, dikes and diversions require approvals under the *Lakes and Rivers Improvement Act (LRIA)*. “Dam” under the Act means a structure or work forwarding, holding back or diverting water and includes a dam, tailings dam, dike, diversion, channel alteration, artificial channel, culvert or causeway. Approvals are obtained through the Ministry of Natural Resources. See Appendix - [Approval-LRIA](#).

In areas under the jurisdiction of a conservation authority, some activities may be managed or regulated by the conservation authority. Please contact the local [conservation authority](#) for more information.

In circumstances where there is potential to affect [fish or fish habitat](#), the Ministry of Natural, Conservation Authority and the Federal Department of Fisheries and Oceans (DFO) must be contacted. Proper planning and care must be taken to mitigate impact to water quality and fish habitat. Where impact on fish habitat is unavoidable, a Fisheries Act Authorization will be required from [DFO](#). See Appendix - [Fish Act Authorization](#).

## **Dredging**

Dredging may be required for navigation purposes for some mining operation needing access to water transportation. Dredging may require approvals from a number of government bodies including the Ministry of Natural Resources under the *Public Lands Act*. See Appendix – [Work Permit-PLA](#).

Approvals may also be required under the Federal *Fisheries Act*. Marine dumping of dredge spoils requires the approval of Environment Canada. See Appendix - [Permit to Dispose of Waste \(Dredgate\) in Canadian Marine Waters](#).

## **Class Environmental Assessment for MNR Resource Stewardship and Facility Development Projects (RSFDP)**

A [Class EA - Resource Stewardship and Facility Development \(RSFDP\)](#) process applies to many approvals issued by the Ministry of Natural Resources. Typically these are approvals related to Crown land or resource dispositions and other projects such as water crossings and roads on Crown land. For more information, see [environmental assessment](#).

## Oil, Gas and Salt Resources of Ontario

The Ministry of Natural Resources administers the [Oil, Gas and Salt Resources Act](#) for Ontario. Technical information and related links can be found in the [Oil, Gas and Salt Resources Library](#) website and on the [MNR](#) website.

### *Environmental Assessments*

[Environmental assessments](#) often apply to mining projects. When and what type of environmental assessment(s) applies depends on the specifics of the project and what regulatory process may have triggered the environmental assessment legislation.

## Provincial Environmental Assessments

[Provincial environmental assessment processes](#) often are triggered by specific components of a project rather than the entire project itself.

Class Environmental Assessment (EA) for Resource Stewardship and Facility Development

A [Class EA - Resource Stewardship and Facility Development Project \(RSFDP\)](#) process applies to many approvals issued by the Ministry of Natural Resources. Typically, mine-related assessments relate to approvals required for the following:

- land or resource dispositions
- roads
- and dikes
- and stream bank stabilization
- excavation, dredge and fill activities

Examples of projects triggering the Class EA would include acquisition of Crown land for buildings and facilities, roads and water crossings. The EA must be completed prior to the issuance of land tenure such as leases, land use permits, Licences of Occupation issued under the *Public Lands Act*, or the issuance of permits such as Work Permits, Aggregate Permits or approvals under the *Lakes and Rivers Improvement Act*. Note 1: does not include mining leases issued under Section 81 of the *Mining Act*. For further information, contact the local office of the [Ministry of Natural Resources](#).

Class Environmental Assessment for Provincial Transportation Facilities (Highways)

A Class Environmental Assessment for Provincial Transportation Facilities may be triggered by the construction or re-alignment of a provincial highway during the development of a mining project. The Ministry of Transportation manages the EA process; however, the proponent will be expected to carry out the required work. For further information, contact the [Ministry of Transportation - environmental policy and standards section](#). See [Appendix – Class EA Highways](#).

Class Environmental Assessment for Minor Transmission Line Facilities

Private sector electricity projects are now subject to the *Environmental Assessment Act*. Some transmission lines and transformer station projects are subject to review under the [Class Environmental Assessment for Minor Transmission Facilities](#). For further



information, see [Guide to Environmental Assessment Requirements for Electricity Projects](#) (PDF, 275 kB) and see Appendix – [Class EA Transmission Facilities](#).

### Electricity Projects

#### Screening Level Environmental Assessments

Individual Environmental Assessment process applies to electricity projects depending on the size, source of power generation or transmission line characteristics. For example, a mine's diesel generation plant that produces more than 5 MW (as a primary source – not backup) triggers an individual EA for the power generation facilities. See Appendix – [Individual EA Electricity Projects](#).

For smaller projects, a screening level process may apply, e.g., diesel generation between 1 MW and 5 MW (see Appendix – [Screening EA Electricity Projects](#)).

For further information, also see [Guide to Environmental Assessment Requirements for Electricity Projects](#) (PDF, 275 kB).

#### Designation

Mining projects, normally being private projects, are not subject to the *Environmental Assessment Act* unless designated. If a project is so designated, then the project must successfully complete an Individual Environmental Assessment prior to any permits being issued. For further information, also see Designation Requests or Appendix – [Individual EA](#).

## Federal Environmental Assessments

The *Canadian Environmental Assessment Act* (CEAA) applies to mining projects for which the federal government exercises authority on some aspect of the project.

The CEAA process is most often triggered through a *Fisheries Act*, *Navigable Water Protection Act* or *Explosives Act* approval under consideration. Other triggers may include the use of federal funding, land or facilities. See the following links for an overview of the process and legislation. See Appendix – [Canadian Environmental Assessment Process](#).

Canada and Ontario have been working together to harmonize both the federal and the provincial EA approval processes (see [Canada-Ontario Agreement on Environmental Assessment Cooperation](#)).

## Environmental Permits

Development of a mineral project can require a variety of environmental permits and approvals depending on the size and type of project, facilities being constructed, location and other factors. Small exploration projects will trigger few actual approvals; however, many environmental regulations and standards will apply whether there is a specific approval to be issued or not. Larger-scale projects and mine construction projects will require approval prior to being able to commence a particular activity.

Note that many environmental approvals require posting on the [Environmental Registry](#) for a minimum period prior to any decision regarding the approval being issued.

## **Water**

### Water Taking and Transfer (Permits to Take Water (PTTW))

Section 34 of the Ontario *Water Resources Act* requires anyone taking more than a total of 50,000 litres of water in a day (50 cubic metres, 10,000 gallons per day), to obtain a [permit](#). The trigger for the permit is in respect to the capacity of the water-taking equipment, not the actual amount of water taken or transferred.

Water-taking permits apply to both surface and groundwater. Examples include taking water for drinking water, irrigation, dust control, ice road development, process water, underground and open pit dewatering, diamond drilling, cooling and diversions. Fire protection systems are generally excluded. See Appendix – [Permit to Take Water](#).

### Discharging Industrial Wastewater (Industrial Sewage Works)

An industrial sewage works for a mine or advanced exploration program may include mine water treatment systems, settling ponds, storm water collection and treatment systems, mill process water treatment and discharge, tailings (processed ore) facilities, coolant water or other water treatment and management systems. See Appendix – [ECA Industrial Sewage](#).

Environmental Compliance Approval (ECA): A single ECA addresses all of a business's emissions, discharges and wastes. Before the introduction of the ECA, a business had to apply for separate air, noise, waste, and sewage approvals. These replace the Certificates of Approval.

Discharging more the 50,000 litres per day will also trigger the Clean Water Regulations under the Ontario *Environmental Protection Act* (also known as the Municipal/Industrial Strategy for Abatement (MISA) Regulations). The monitoring regulations that commonly apply to mining projects are:

Ontario Regulation 561/94 (Effluent Monitoring and Effluent Limits – Industrial Minerals Sector)

Ontario Regulation 560/94 (Effluent Monitoring and Effluent Limits – Metal Mining Sector)

See Appendix - [MISA Monitoring](#).

The federal government also has effluent and reporting standards that apply to metal mines. As part of the [Metal Mining Effluent Regulations](#) (MMER) under the *Fisheries Act*, mines subject to the MMER are required to conduct effluent characterization, toxicity testing and water quality monitoring as well as meet limits for the discharge of deleterious substances (see Appendix – [Metal Mining Effluent Regulations](#)). These regulations are enforced by Environment Canada. Contact [Environment Canada](#) for further information.

### Septic Systems (Domestic Sewage)

Sewage systems capable of handling more than 10,000 litres per day of domestic sewage (or any sewage works that discharges to surface water) require an Environmental Compliance Approval from the Ministry of the Environment (MOE) under the Ontario *Water Resources Act*. A single ECA addresses all of a business's emissions, discharges and wastes. Before the introduction of the ECA, a business had to apply for separate air, noise, waste, and sewage approvals. [The application process and guide](#) can be downloaded from the ministry's website.

### Operation of a Treatment Plant for Human/Domestic Sewage

Any human/domestic sewage plant that discharges to surface water requires the operator to be licenced (Ontario *Water Resources Act*, O.Reg. 129/04 (Licensing of Sewage Works Operators). A [licencing guideline](#) is also available.

Smaller septic systems (less than 10,000 litres per day capacity) contained within the same property (lot) are regulated by the [Ontario Building Code](#). Approvals of these systems may be made by the chief building official if your municipality is in southern Ontario, or by [Health Units](#) or [Conservation Authorities](#) in Northern Ontario.

See Appendix - [ECA Industrial Sewage Systems](#), [Sewage Works Operator Licence](#).

### Drinking Water (Potable Water)

Provincial Drinking water regulations under the *Safe Drinking Water Act* apply to potable water supplies of capacity greater than 2.9 Litres per second. The Act also requires certification of water system operators and analysts and testing services.

See Appendix - [Drinking Water](#)

Further information is available on the [Ministry of the Environment](#) website or contact your nearest [MOE District office](#).

### Well Drilling and Abandonment

Water well construction and abandonment is regulated by the *Ontario Water Resources Act*, Reg. 903. For more information, also see the following link: [Wells information and documents](#)

For further information, including information on Watershed protection planning and groundwater studies, visit the [Ministry of Environment](#) website and Appendix – [Water Well Regulations](#).

## Air Emissions

Approval is also required for the ongoing operation of any equipment that may discharge a contaminant, including noise and vibration, to the atmosphere. Most industrial processes or modifications to industrial processes and equipment require the submission of an application for Environmental Compliance Approval from the Ministry of the Environment (MOE). A single ECA addresses all of a business's emissions, discharges and wastes. Before the introduction of the ECA, a business had to apply for

separate air, noise, waste, and sewage approvals. [The application process and guide](#) can be downloaded from the ministry's website. See Appendix - [ECA Air](#).

Some examples of mining activities requiring approvals include diesel generators, welding exhaust, heating plants, underground ventilation, incinerators, smelters and air filtration and bagging plants, and surface crushers.

The Ministry of the Environment provides additional information and [publications regarding air emissions](#).

#### Annual Reporting

Annual reporting of air emissions loadings to the environment is required for contaminant discharge above threshold criteria for reporting found in *Environmental Protection Act*, O.Reg 127/01. See [Mandatory Air Emissions Monitoring and Reporting](#) and Appendix – [Air Contaminants Monitoring](#).

## Land

Production and Storage of Liquid or Hazardous Wastes – Waste Generator Registration  
Waste of a type or amount considered "registrable" or "hazardous" as defined under the *Environmental Protection Act*, Reg. 347 requires the waste generator to be registered. Additional information on [hazardous waste](#) is available from the Ministry of the Environment. See Appendix – [Waste Generator Registration](#).

#### Waste Collection and Haulage

A Certificate of Approval – Waste Management System is required where wastes are hauled to a disposal site. [Application guidelines](#) are available from the Ministry of the Environment. See Appendix – [ECA Waste Management](#).

#### Waste Disposal Site

An Environmental Compliance Approval– Waste Management Disposal is required where wastes are disposed of by landfilling. Application guidelines and information are available from the Ministry of the Environment. See Appendix - [ECA Waste Management](#).

Note: Private landfills of capacity greater than 40,000 cubic metres are often designated under the *Environmental Assessment Act* in which case an Individual [Environmental Assessment](#) will apply. See Appendix - [Individual EA](#).

#### Waste Transfer Site

An Environmental Compliance Approval – Waste Transfer Site is required where wastes are temporarily stored in one location and then hauled away for final disposal. See Appendix - [ECA Waste Management](#).

#### PCB Storage and Movement

The *Environmental Protection Act* Reg. 362 regulates storage and movement of PCB wastes materials. The storage facility must meet the requirements of the regulation. Any movement of PCB wastes for disposal or decontamination must be according to the

director's instructions. For more information on hazardous wastes, including PCBs, see the [Ministry of the Environment \(Land\)](#) website. See Appendix - [PCB Waste Storage](#).

## Spills

Part X of the *Environmental Protection Act* requires immediate notification to the Ministry of the Environment and others in the event of a spill of a pollutant into the natural environment. Any abnormal discharge of a contaminant into the natural environment is considered a spill and requires immediate notification. See Appendix - [Spills Notice](#).

The owner or controller of the pollutant also has the duty to act to restore the natural environment and prevent any adverse effects.

The Ministry of the Environment [Spills Action Centre](#) is available 24 hours a day at 1-800-268-6060 for spill notification.

## Provincial Environmental Assessments

See [Environmental Assessments](#).

## *Federal Regulatory Requirements*

The following is a listing of the federal regulatory requirements for the mineral industry.

### **Fisheries Act**

#### Fish Habitat

Mining or exploration projects may adversely affect [fish habitat](#). In circumstances where there is potential to affect fish or fish habitat, the Federal [Department of Fisheries and Oceans](#) (DFO) should be contacted in order to determine if any authorization will be required and to obtain advice on what steps should be taken to mitigate impact on water quality and fish habitat. Where impact to fish habitat is unavoidable, a [Fisheries Act Authorization](#) prior to commencing the work will be required from DFO. It is important to note that a *Fisheries Act* Authorization will trigger an assessment under the Canadian *Environmental Assessment Act*.

For further information, see "[Projects Near Water](#)" at DFO's website.

#### Destruction of Fish

In cases where destruction of fish may be unavoidable (such as may happen during diversions, dewatering and infilling of water bodies), an authorization to destroy will be required. Contact the [Department of Fisheries and Oceans](#). See Appendix - [Fisheries Act Authorization](#).

## Metal Mining Effluent Regulations (MMER)

Metal Mining Effluent Regulations (MMER) apply to all metal mines (excluding placer operations) with an effluent flow rate in excess of 50 cubic metres per day that were in operation, under development, or reopened on or after June 6, 2002. See Appendix - [Metal Mining Effluent Regulations](#) for additional information.

Note: While MMER may not apply to exploration stages and closed-out sites, all activities are covered by the general provisions of the *Fisheries Act*, which prohibits the deposit of deleterious substances.

Included in the MMER are:

for cyanide, arsenic, copper, lead, zinc, nickel and radium-226;

A pH range;

A limit for total suspended solids (TSS);

A requirement for mines to conduct Environmental Effects Monitoring (EEM) programs;

A requirement for the production of effluent that is non-acutely lethal to rainbow trout and;

Monitoring and reporting requirements.

The federal Metal Mining Effluent Regulations (MMER) when applicable require immediate reporting of spills. Contact [Environment Canada](#) for reporting information.

## Navigable Waters

Any works undertaken in a navigable waterway must receive [Transport Canada's approval](#) prior to construction. The type of approval required and the process to be followed will vary depending on the type and complexity of the proposed work. See Appendix - [Approval of Works - Navigable Waters](#).

## Explosives

### Blasting Explosives Purchase and Possession Permit

For the purchase of blasting explosives for personal use when the quantity is below the licensing threshold of 75 kilograms or storage does not exceed 90 days. This permit can be obtained from the licenced explosives vendor nearest you. See Appendix - [Purchase and Possession of Explosives](#).

Magazine Licences are required for the establishment of a storage facility for all explosives where quantities exceed 75 kilograms or 100 detonators. Licences are issued by the regional offices of the [Explosives Regulatory Division](#) of Natural Resources Canada. See Appendix - [Magazine Licence](#).

Factory Licences are required for explosive manufacturing facilities. For more information, visit Natural Resources Canada's website for the [Explosives Regulatory Division - Licensing](#). See Appendix - [Factory Licence](#).

The Canadian Environmental Assessment Act (CEAA) requires that an environmental assessment be completed before a factory licence is issued or significant amendments or changes are expected to an existing factory. See Appendix - [CEAA](#).

Transportation Permits: An Explosives Transportation Permit is generally required when transporting explosives by road in loads exceeding 2,000 kilograms net explosives weight. The Transport [Dangerous Goods Directorate](#) of Transport Canada issues these permits. See Appendix – [Explosives Transportation Permit](#).

## **Federal Environmental Assessments**

The *Canadian Environmental Assessment Act* (CEAA) applies to mining projects for which the federal government exercises authority such as issuing a permit under the legislation above.

The CEAA process is most often triggered through a *Fisheries Act*, *Navigable Waters Protection Act* or *Explosives Act* approval under consideration. Other triggers may include the use of federal funding, land or facilities. See the following links for an overview of the process and legislation. See Appendix - [CEAA](#).

Canada and Ontario have been working together to harmonize both the federal and the provincial EA approval processes (see [Canada-Ontario Agreement on Environmental Assessment Cooperation](#)).

## **Species at Risk Act**

The purposes of the [Species at Risk Act](#) are to prevent Canadian indigenous species, subspecies, and distinct populations from becoming extirpated or extinct, to provide for the recovery of endangered or threatened species, and encourage the management of other species to prevent them from becoming at risk. See Appendix – [Species at Risk Protection](#).

## *Health and Safety Requirements For Mineral Projects*

The [Ministry of Labour](#) promotes safe, fair and harmonious workplace practices that are essential to the social and economic well-being of the people of Ontario. MOL's mandate is to set, communicate and enforce workplace standards while encouraging greater workplace self-reliance. The Ministry of Labour is divided into three core businesses, which are health and safety (under the *Occupational Health and Safety Act*), employment standards and labour relations.

## **Occupational Health and Safety**

Occupational Health and Safety's (OH&S) primary mandate is to set, communicate and enforce occupational health and safety standards for Ontario's construction, mining and industrial sectors, as a means of reducing and eventually eliminating work-related deaths, injury and illness. See Appendix – [Occupational Health and Safety](#).

The primary pieces of legislation that pertain to mining are the *Occupational Health and Safety Act* and Regulation 854/90, "Mining and Mining Plants".

[The Occupational Health and Safety Act](#) came into force on October 1, 1979. Its purpose is to protect workers against health and safety hazards on the job. The main features of the Act are

- Duties of employers and other persons
- Toxic substances
- Right to refuse or stop work
- Notices
- Enforcement
- Offences and penalties

Some of the features of the [Regulation 854/90 under the Occupational Health and Safety Act "Mining and Mining Plants"](#) are:

- Fire protection
- Access to the workplaces
- Protection of workers
- Haulage
- Explosives
- Electrical
- Mechanical
- Railroads
- Mine hoisting plant
- Working environment
- First aid equipment
- Diesel-powered equipment notice

See Appendix – [Regulations for Mining and Mining Plants](#).

## **Explosives**

For information on licencing for possession and storage of explosives see the section on Federal Regulatory Requirements. Under the Occupational Health and Safety Act the Ministry of Labour must be notified in writing if explosives are to be used or stored on a work site (see Appendix – [Notice of Use of Explosives](#)).

## **Posting Requirements**

The Employment Standards Act, 2000, the Occupational Health and Safety Act, and the Workplace Safety and Insurance Act [specify exact posting requirements](#).

## **Training**

Section 11(1) of Regulation 854/90, Mining and Mining Plants, states that “Employers in the following types of mines and mining plants shall establish and maintain the following training programs developed jointly by labour and management in the mining industry and the Ministry of Training, Colleges and Universities and approved by the director:”



- Hard rock underground mines
- Common Core for Basic Underground Hard Rock Mining Skills (Program # P770010) (Basic Common Core Program),
- Speciality Modules Underground Hard Rock Mining (Program # P770010),
- Common Core for First Line Production Supervisors Underground Hard Rock Mining (Program # P770120).
- Soft rock underground mines:
- Common Core for Basic Underground Soft Rock Mining Skills (Program # P770130) (Basic Common Core Program),
- Speciality Modules Underground Soft Rock Mining (Program # P770130)
- Mill Process Operations:
- Common Core for Basic Mill Process Operations — Mineral Ore (Program # P810050)
- Speciality Modules Mill Process Operator — Mineral Ore (Program # P810050). R.R.O. 1990, Reg. 854, s. 11 (1); O. Reg. 571/92, s. 4; O. Reg. 174/01, s. 2 (1)

An employer shall train each full-time worker who commences employment after the 1st day of June, 1987 in the Basic Common Core Program described in subsection (1) appropriate for that worker, and the training shall be given within the first year of employment. R.R.O. 1990, Reg. 854, s. 11 (2). See Appendix – [Common Core Training](#).

## WHMIS

WHMIS ([Workplace Hazardous Materials Information System](#)) is a Canada-wide system designed to give employers and workers information about hazardous materials used in the workplace. In Ontario, WHMIS applies to all workplaces covered by the *Occupational Health and Safety Act*, and to all federal government workplaces. In Ontario, both the federal and provincial WHMIS legislation is enforced by provincial Ministry of Labour inspectors, except in federal government workplaces, where Labour Canada inspectors enforce the legislation.

A [helpful guide to the WHMIS legislation](#) can be found on the Ministry of Labour website (also available as PDF, 778kB).

WHMIS provides identification and training in controlled products. The designated substances, however, require that the employer conduct an assessment to determine if there is a potential risk or actual danger to a worker being exposed to any one of the following twelve (12) designated substances:

- Acrylonitrile
- Asbestos
- Asbestos on construction projects
- Arsenic
- Benzene
- Coke oven emissions
- Ethylene oxide
- Isocyanates
- Lead

- Mercury
- Silica
- Vinyl Chloride

If there is a potential or actual danger of a worker being exposed as outlined by the assessment, then the employer shall produce a control program. One of the additional features pertaining to designated substances is that a worker can voluntarily participate in the medical surveillance program. See Appendix – [Designated Substances](#).

## **Employment Standards**

The Ministry of Labour, through its Employment Standards Program:

Enforces the ESA and its regulations

Provides information and education to employers and employees, making it easier for people to understand and comply voluntarily

Investigates possible violations

Resolves complaints

Conducts proactive inspections of payroll records and workplace practices

The Employment Standards Act sets out the minimum standards that employers and employees must follow. See Appendix – [Employment Standards](#).

### Hours of Work and Averaging Hours

On December 9, 2004, the Ontario legislature passed new rules about working excess daily or weekly hours and averaging hours of work for overtime purposes. These new rules came into force March 1, 2005.

As of March 1, 2005, if an employer wants an employee to work more than 48 hours a week, the employer must:

Give non-unionized employees a copy of the handout found at: [Information for Employees About Hours of Work and Overtime Pay](#)).

Obtain written agreement from the employee, or the union if the workplace is unionized.

Receive an approval from the Director of Employment Standards.

[The Employer's Guide to the Application Process](#) can be found on the Ministry of Labour website.

For any inquiries about employment standards, please call 1-800-531-5551 or visit your local Ministry of Labour Office. See Appendix – [Employment Standards](#).

The [Pay Equity Office \(PEO\)](#) is responsible for implementing and enforcing the [Pay Equity Act](#). The PEO investigates, mediates and resolves complaints under the [Pay Equity Act](#).

*Equity Act*. The PEO also provides programs and services to help people understand and comply with the *Pay Equity Act*. Pay equity is "equal pay for work of equal value". The *Pay Equity Act* requires that jobs be evaluated and work mostly or traditionally done by women be compared to work mostly or traditionally done by men.

Pay equity is "equal pay for work of equal value", which is not the same as "equal pay for equal work". Equal Pay for Equal Work, covered by *the Employment Standards Act*, requires employers to pay men and women equally for doing the same job or substantially the same job.

## **WSIB**

[The Workplace Safety and Insurance Board \(WSIB\)](#) oversees Ontario's workplace safety education and training system, provides disability benefits, monitors the quality of health care, and assists in early and safe return to work. See Appendix – [WSIB](#).

Ontario's Ministry of Labour and their employer and worker advisory services are also integral partners in the WSIB's administration of the province's workplace safety and insurance system. Below, you'll find the contact information for ministry services.

[Office of the Employer Adviser](#)  
[Office of the Worker Adviser](#)  
[Workplace Safety and Insurance Appeals Tribunal](#)  
[WorkSmart Ontario](#)

For more information about WSIB, please refer to the following:

Telephone: (416) 344-1000  
Toll free: 1-800-387-5540  
Ontario Toll free: 1-800-387-0750  
TTY: 1-800-387-0050

## **Workplace Safety North**

Workplace Safety North was formed in 2010 by the amalgamation of three safety associations:

- Mines and Aggregates Safety and Health Association (MASHA)
- Ontario Forestry Safe Workplace Association (OFSWA)
- Pulp and Paper Health and Safety Association (PPHSA)

[Workplace Safety North](#) provides information on mining-related safety practices including the following:

### Workplace Health and Safety

WORKPLACE SAFETY NORTH's field consultants are responsible for specific companies, regions and sectors in our industry. They can help companies evaluate their health and safety programs, identify needs and recommend solutions. Their consultants can answer specific questions and provide or arrange training.

## Industrial Hygiene

WORKPLACE SAFETY NORTH's industrial hygiene specialist provides advice to companies on problems related to industrial disease. These may be physical agents like noise and heat, or chemicals - designated substances, dust, diesel exhaust and others. Their consultants conduct detailed needs assessments and on-site consulting, and make recommendations on general program requirements.

## Ground Control

WORKPLACE SAFETY NORTH's ground control specialist and ground control project leader conduct audits at member companies to help improve ground control programs. Their ground control consultants also help companies prepare documents for compliance with the Ontario Regulations for Mines and Mining Plants.

## Mine Rescue

One of the purposes of the mine rescue program is to ensure training and equipment are consistent across the province. While the program was first established solely to respond to fires underground, mine rescue crews today are trained to tackle all types of non-fire emergencies, and to rescue workers who may be trapped or injured.

For more information on WORKPLACE SAFETY NORTH services, please call (705) 474-7233.

## *Mineral Collecting*

If you are interested in mineral collecting, read the [mineral collecting regulations](#).

## **Mine Hazards**

Caution must be exercised when working around inactive or abandoned mine sites.

Surface facilities and underground mine workings may be hazardous and must be approached with caution.

Underground mine workings and confined spaces must never be entered without following the appropriate safety procedures and following all applicable legislation.

For safety precautions for working near potential mine hazards please contact the [Ministry of Labour](#).

## **Crown Land**

Some mining projects may require the acquisition of Crown lands under the *Public Lands Act* administered by the Ministry of Natural Resources. These circumstances are usually related to the acquisition or some form of land tenure to accommodate access or infrastructure such as roads, power lines, pipelines and other facilities. Information related to Crown land acquired under the *Public Land Act* is available through the [Ministry of Natural Resources](#).

## *Municipal Requirements*

Mineral exploration and mine development activities may be subject to official plans and bylaws within municipalities or planning areas. Contact your local [municipality](#) for specific requirements.

Construction of buildings and other structures will require building permits, and may require compliance with the [Ontario Building Code](#).

Mining proponents within a municipality need to ensure their property is properly zoned for mining. Changes in zoning require bylaw amendments which must be either approved by municipal council or the Ministry of Municipal Affairs and Housing, depending on the municipality. The planning and review process is outlined in a [Citizens' Guide](#) *The Plan Review and Approval Process - A guide for understanding the One Window Provincial Planning Service and Municipal Plan Review*.

Any person or public body may appeal an official plan amendment to the Ontario Municipal Board.

Changes to official plans are subject to the [Provincial Policy Statement \(2005\)](#). Sections of this document that will affect a mineral project include the policy statements on [mineral resources](#) and [human-made \(mine\) hazards](#).

## *Mining Taxes*

### **Federal Income Tax Rules – Domestic Mines**

Comprehensive information on Canada's mining taxation and regulations is available the Natural Resources Canada web site: [Mining-Specific Tax Provisions](#)

### **Provincial Income Tax**

For general Ontario taxation inquiries contact the [Ontario Ministry of Finance](#).

### **Provincial Mining Tax**

For mining tax general enquiries or to order provincial mining tax publications visit the Ontario Ministry of Finance [Mining Tax web page](#).

### **Municipal Taxes**

[Municipal Property Assessment Corporation](#)

## Appendix

### *Activity Index*

#### **Aggregate Extraction, Pits and Quarries**

[Aggregate licence](#) is required for aggregate pits and quarries on private land in designated areas.

[Aggregate permit](#) is required for extraction of Aggregate or topsoil from Crown Land, extraction of Crown-owned Aggregate from private land in an area that is not designated under the Aggregate Resources Act or extraction of aggregate from land under water.

[Common core training](#) for the work force.

#### **Air – Discharging Air Emissions**

Contaminant discharge above threshold criteria requires [annual reporting of air emissions to the environment](#).

Discharge of a contaminant into the natural environment, including noise requires an [Environmental Compliance Approval \(ECA\) – air](#).

#### **Aquatic Monitoring**

For metal mines [environmental effects monitoring](#) is required federally.

#### **Archaeological Sites – Disturbance**

Prior to work involving the disturbance of a [culturally significant site](#), there are requirements to assess and preserve the culturally significant site.

#### **Bridge Construction**

Construction of bridges over navigable waters requires approval of works. When work involves diverting, directing, and holding back water a [Work Permit – Lakes and Rivers Improvement Act](#) is required.

#### **Building Construction**

A [Building permit](#) is required when building within a municipality. [Work-Permit-Public Lands Act](#) is required for construction on buildings located on crown land. When land tenure is required to use Crown land for building a [Land Use Permit](#) is required. Registration and Notice of Construction Project to MOL required if project is greater than \$50K

## **Burning Permits**

Industrial slash pile burning, prescribed burns for site preparation, ecological maintenance and rehabilitation or other similar purposes require a [burning permit](#).

## **Camping – Crown Land**

Authorization is required when [camping](#) on Crown land.

## **Camps, Exploration, Construction or Mining**

Notice of [camp opening](#) is required for camps greater than 5 people in unorganized territory.

## **Clearing, Crown Land**

A [Work Permit- PLA](#) is required when cutting timber on crown land.

## **Clearing, Crown Timber**

A [Forest Resource Licence](#) (cutting permit) is a requirement for cutting of any Crown-owned timber.

## **Construction**

[Registration and Notice of Construction Projects](#) to MOL required if project is greater than \$50K, construction and demolition including work on trenches, tunnels, earth or water retaining structures, caissons, cofferdams, and wells.

## **Crown Land Use**

[Land Use Permit](#) required for temporary occupation of Crown lands. A Class Environmental Assessment is required for [small-scale resource stewardship projects](#); any disposition of Crown lands or if resources are under consideration.

## **Crusher (Portable)**

When installing a portable crusher a [Notice of Installation of Portable Crusher](#) is required.

## **Culvert Installation**

See [Water Crossing](#)

## **Dam/Dikes, Construction of**

Work done on Crown land requires a [Work Permit-PLA](#). Construction involving diverting, directing, and holding back water requires location approval and plans and specifications approval – [Lakes and Rivers Improvement Act](#). Approvals required to work in or around [navigable waters](#).

## **Designated Substances**

Regulations for substances designated under the [Occupational Health and Safety Act](#), applies to all workplaces.

## **Dewatering**

See [Taking/Discharging](#)

## **Diesel Powered Equipment**

[Diesel Powered Equipment Notice](#) is required when use of diesel powered equipment underground.

## **Diamond Export/Import**

[Kimberly Process](#) is a certification of rough diamonds required for export and import.

## **Diversions**

See [Water, Diversions](#)

## **Dredging of Marine Waterways**

For Provincial Crown land under water, [Work Permit-PLA](#) required.

## **Dredging of Marine Waterways**

Disposal of dredgate in waterways if in federal marine water require a [Permit to Dispose of Waste \(dredgate\) in Canadian Marine Waters](#).

## **Drinking Water Supply**

Requirements of regulations made under [Safe Drinking Water Act](#), includes certification of operators and analysis for providing portable water to 6 or more residences, or at a rate above 2.9 litres/second.



## **Effluent Monitoring**

[MISA monitoring requirements](#) for discharges greater than 50 cubic metres per day captured by MISA regulation. [Metal Mining Effluent Regulations](#) for federal effluent limits, monitoring and reporting.

## **Electricity**

See [Power generators](#)

## **Employment – Employment Standards**

All private sector employment is under provincial jurisdiction for the [Employment Standards](#).

## **Environmental Assessment, Canadian**

[Canadian Environmental Assessment Act](#) process applies when various federal authorizations required or other federal decision required.

## **Environmental Assessment, Provincial Individual EA**

[Individual EA's](#) for projects designated under Environmental Assessment Act.

## **Environmental Bill of Rights**

Rights and Requirements of the [Environmental Bill of Rights](#), applies to designated government decision making processes.

## **Exploration (in designated Areas)**

Exploration in designated areas (e.g. Temagami) requires a [Work Permit – Disruptive Mineral Exploration Activities](#).

## **Exploration or Mining Activities on Highway Right-of-Ways**

[Encroachment Permit](#) required for activities within 45 metres of the highway may be controlled for safety considerations.

## **Explosives – Purchase and Possession**

[Purchase and Possession of Explosives](#) for mining purposes.

## **Explosive, Factory Construction**

[Licence for a Explosive Factory](#) required for the constructing explosives factory.

## **Explosives, Storage**

[Licence for Explosive Magazine](#) required constructing or maintaining an explosives magazine.

## **Explosives, use in Exploration**

Prior to purchase of explosives, you must obtain a [Notification of Explosive Use](#).

## **Export and Import of Rough Diamonds**

[Kimberly Process](#) is the certification of rough diamonds required for export and import.

## **Fish Habitat Disturbance**

Any work resulting in harmful alteration or destruction of fisheries habitat will be under the [Fisheries Act Authorization](#).

## **Fish, Collection and Possession of Fish or other Wild Life for Scientific Purposes**

Fish, Collection and possession of fish or other wild life for scientific purposes requires a [Licence to Collect Fish for Scientific Purposes](#).

## **Fish Destruction**

[Authorization to Destroy Fish](#) required from DFO to destroy fish during any part of a project.

## **Fuel Storage and Handling**

[Technical and Safety Standards](#) required to be followed for fuel storing and handling facilities.

## **Highway, buildings on/near Highway Corridor**

[Building](#) / [Land-Use Permit](#) required when construction/renovating close to or adjacent to a provincial highway.

## **Highway, Encroachment on Right-of-Way**

Activities within 45 metres of the highway may be controlled for safety considerations, an [Encroachment Permit](#) required.

## Highway, Construction or Maintenance of Entrance to Highways

[Entrances permit](#) requirements for safe access to highway.

## Highway, Commercial Signage

Commercial signs within 400m of a provincial highway require a [Commercial Signage Permit](#).

## Indian Reserve, Permit to Explore on

[Permit to Explore](#), applies to surrendered mines and minerals underlying lands in a reserve in Ontario.

## Indian Reserve, Assessment Work on Reserves

There are [Assessment Work Requirements](#) on Indian reserves.

## Indian Reserve, Lease of mining lands on Reserve

[Lease of Mining land on Indian Reserve](#)

## Indian Reserve, Construction of Facilities on a Reserve

Permit to [Construct Facilities on First Nation Reserve Lands](#) required when there is construction on an Indian reserve.

## Land – Crown Land Use

Authorization through a [Land Use Permit](#) to use or occupy Crown Land.

[Licence of Occupation](#) for authorization through Licence of Occupation to use or occupy Crown Land

[Class Environmental Assessment Small Scale Resource Stewardship Projects](#) for disposition of Crown land and resources.

## Migratory Birds, Activities Impacting

[Prohibition on harm or disturbance to migratory birds](#) for any activities that may impact on migratory birds

## Mining

For Mining within municipalities where existing zoning requires change, the [Municipal Zoning](#) comes into effect.

## **Mine Development**

All new mining projects require [Pre-Development Review Process](#).

## **Mineral Collection – Export of Cultural Property**

[Export Permit](#) required when exporting mineral specimens, meeting criteria of Canadian Cultural Property Export Control List.

## **Mining – Training**

Workers training for underground and surface mining do the [Common Core Training](#).

## **Mobile Home**

[Ministers Zoning Order](#) required to erect more than one mobile home on a parcel of land unless authorized by a by-law or under section 13 to the *Public Land Act*.

## **Noise – Discharge or Emissions**

[Environmental Compliance Approval for noise](#) required when discharging of a contaminant into the natural environment, including noise.

## **Injury to Worker/Employee**

[Notice in Writing – Notice of Injury](#) is required for the occurrence of an injury

## **PCB Waste Movement**

[Director's Instructions](#) for moving PCB wastes for disposal or decontamination.

## **PCB Waste Storage**

There are [regulations concerning PCB's Storage](#) and movement of PCB waste materials.

## **Pipeline Construction**

[Order Granting Leave to Construct a Hydrocarbon](#) pipeline of (a) more than 20km in length; (b) Projected cost more than the amount prescribed by regulation; (c) any part of the line; (d) uses pipe 12 inches or more, and has an operating pressure of 2000 kpa or more; (e) meets criteria as prescribed

## **Potable Water**

See [Drinking Water](#)

## **Power Generators**

[Individual EA](#) for generated power greater than 5MW by fuel oils.

[Screening Level EA](#) for generated power greater than 1MW less than 5MW for fuel oil.

## **Power Transmission Line**

[Class EA for Minor Transmission](#) line projects involving more than 2km of line and which: (1) are capable of operating at a nominal voltage level of 115kV. (2) are capable of operating at a nominal voltage level higher than 115kv and less than 500 kV and which involve less than 50 km of line.

## **Power Transmission Line Construction**

[Order granting](#) leave to construct, expand, or reinforce a power transmission line or interconnection.

## **Pressure Vessels**

Requirements for pressure vessels by [Technical and Safety Standards](#).

## **Property**

See [Land](#)

## **Rail Crossings**

Requirements for [Rail Crossing](#)

## **Regulations for Mines and Mining Plants**

[Regulations for Mines and Mining Plants](#) for all underground, surface mines and mining plants.

## **Reportable Incident/Accident**

[Notice in Writing – Reportable Incident](#) onsite.

## **Road Construction**

[Work Permit – PLA](#) for construction or up-grading roads on Crown lands.

## **Sand & Gravel**

See [Aggregate Extraction](#)

## **Sewage Treatment Plant Operators**

[Sewage Works Operator Licence](#) for any sewage plant that discharges to surface water

## **Sewage Treatment Construction/Operation**

[Environmental Compliance Approval – Municipal and Private Sewage Works](#) for septic system above 10000 L/day design flow on one lot, or any sewage plant that discharges to surface water (i.e. sewage works)

## **Sewage, Industrial**

[Environmental Compliance Approval – Industrial Sewage Works](#) for sewage works greater than 10000 litres per day. Applies to Settling ponds, tailings dams, etc.

## **Sewage Works – Private**

[Environmental Compliance Approval - Private Sewage Works](#) for sewage works less than 10000 litres per day.

## **Species at Risk, Activities Affecting**

[Strategy for the protection of species at risk](#) for endangered species listed by schedule 1 of the Act.

## **Spills**

[Notice required](#) for any abnormal discharge into the natural environment.

## **Tailings Dam Construction**

Environmental approvals for effluent treatment facilities requires an [Environmental Compliance Approval – Industrial Sewage Works](#)

[Work Permit-PLA](#) for construction on Crown land (land tenure may also be required)

Location approval and plans and specifications approval – [Lakes and Rivers Improvement Act](#) for retaining dam structures and spillways.

Approval of Works in [Navigable Waters](#) if involving navigable waters.

## **Timber / Tree Clearing / Cutting**

[Timber used for mineral exploration](#) is a condition under which claim holders can cut trees.

[Forest Resource Licence](#) required for cutting of any crown-owned timber.

## **Training**

[Various training standards](#)

[Common Core Training](#)

## **Transport of Dangerous Goods**

[Standards for the Transport of Dangerous Goods](#) covers explosives and other designated materials.

## **Uranium Mines and Projects**

The Federal government regulates activities associated with [uranium mining projects](#).

## **Waste Generation**

[Generator Registration](#) Report (Application) required for storage and transportation of various hazardous wastes. Type or amount of waste is considered “registerable” or “hazardous” as defined in Ont. Reg. 347

## **Waste Disposal Site Construction and Operation**

[Environmental Compliance Approval – Waste Disposal](#) required for the development and operation of a landfill.

## **Waste, Operation of a Waste Transfer Site**

[Environmental Compliance Approval – Waste Disposal](#) required when wastes is temporarily stored in one location and then hauled away for final disposal.

## **Waste, Collection and Hauling of Wastes to a Disposal Site**

[Environmental Compliance Approval – Waste Disposal](#) for hauling waste to a disposal site.

## **Waste Management System Operation**

[Environmental Compliance Approval – Waste Disposal](#) for waste management.

## **Water Course, Cut & Fill**

[Cut and Fill Permit](#) for re-routing or re-aligning water courses.

## **Water – Construction in or over Water Bodies**

Approval of Works in [Navigable Waters](#) for construction potentially affecting navigable waters.

## **Water Crossings**

[Work Permit – PLA](#) or [Authorization for Water Crossing](#) for construction or maintenance of culverts and bridges and other crossings.

## **Water Taking, Pumping, Ground or Surface Water for any Use**

Taking water greater than 50,000 litres/day requires a [Permit to Take Water](#).

## **Water, Discharging Industrial Wastewater**

To establish a treatment or sewage works for wastewater collection, transmission, treatment, or disposal, an [Environmental Compliance Approval – Industrial Sewage Works](#) is required.

[Clean Water Regulation \(MISA Requirements\)](#) must be followed for discharging wastewater above 50,000 L/day.

[Metal Mining Effluent Regulations](#) to be followed for Federal monitoring of commercial metal mining operations where discharge is less than 50 cubic metres per day.

## **Water, Diversions**

Construction on Crown land for water diversions require a [Work Permit – PLA](#), land tenure may also be required.

When constructing retaining/diverting structures and channels the [Location approval and plans specification approval – Lakes and Rivers Improvement Act](#) should be referenced.

If involving navigable waters an [Approval of Works in Navigable Waters](#) is required.

## **Water, Portable/Drinking**

See [Drinking Water](#)

## **Well, Construction and Abandonment**

[Regulations Concerning Construction, Maintenance and Abandonment of Water Wells](#) applies to all water wells.



## **Wildlife Collection and Possession for Scientific Purposes**

Removal and collection of fish for scientific purposes requires a [Licence to Collect Fish for Scientific Purposes](#).

## **Workplace Safety Insurance**

[Workplace Safety and Insurance Board \(WSIB\) Requirements](#)

## **Zoning Change**

Within municipalities where existing [zoning](#) requires change.

## *Regulatory Requirements*

### **Aggregate Licence**

- Aggregate Resources extraction on private land in an area designated under the Aggregate Resources Act, including: Pits and Quarries

Ministry or Ministries:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Aggregate Resources Act](#)

Regulation:

- [Aggregate Resources Act - Ont. Reg. 244/97 – GENERAL](#)

Other Website Links (if any):

- [Ministry of Natural Resources Aggregate Resources Page](#)
- [The Ontario Aggregate Resources Corp. \(TOARC\)](#)

Contact Branch/Section:

- [MNR Office Locations](#)

### **Aggregate Permit**

- Extraction of Aggregate or topsoil from Crown Land, extraction of Crown-owned Aggregate from private land in an area that is not designated under the Aggregate Resources Act or extraction of aggregate from land under water. This includes: Pits and Quarries.

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Aggregate Resources Act](#)

Regulation:

- [Aggregate Resources Act](#) - Ont. Reg. 244/97 — GENERAL

Other Website Links (if any):

- [Ministry of Natural Resources Aggregate Resources Page](#)
- [The Ontario Aggregate Resources Corp. \(TOARC\)](#)

Contact Branch/Section:

- [MNR Office Locations](#)

### **Airborne Contaminant Discharge - Monitoring and Reporting**

- Monitoring of air emissions into the environment and annual reporting are required for contaminant discharge above the threshold criteria set in the Act.

Ministry:

- [Ministry of the Environment \(MOE\)](#)

Act:

- [Environmental Protection Act](#)

Regulation:

- [Environmental Protection Act](#) – Airborne Contaminant Discharge – monitoring and reporting- O. Reg. 127/01

Other Website Links (if any):

- MOE website of links: [Mandatory Air Emissions monitoring and reporting](#)

Contact Branch/Section:

- [MOE regional and district offices](#)

### **Approval – LRIA (Lakes and Rivers Improvement Act)**

- Dams including tailings dams

- Diversions

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Lakes and Rivers Improvement Act](#)

Regulation:

- [Lakes and Rivers Improvement Act Ont. Reg. 454/96](#) – Construction

Other Website Links (if any):

Contact Branch/Section:

- [MNR regional and district offices](#)

### **Approval of Works - Navigable Waters**

- Approvals to work in or around navigable waters

Ministry:

- [Transport Canada](#) (TC)

Act:

- [Navigable Waters Protection Act](#)

Regulation:

- [Navigable Waters Protection Act Navigable Waters Works Regulations](#)

Other Website Links (if any):

- [TC Marine Safety](#)

Contact Branch/Section:

- [Transport Canada](#)

### **Authorization to Collect Fish for Scientific Purposes**

- Collection and possession of fish or other wildlife for scientific purposes

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Fish and Wildlife Conservation Act S.39](#)

Regulation:

- [Fish and Wildlife Conservation Act Ont. Reg. 664/98](#) – Fish Licensing – Part IV Miscellaneous – Section 34.1

Other Website Links (if any):

Contact Branch/Section:

- [MNR district offices](#)

### **Authorization to Destroy Fish**

- Authorization required from DFO to destroy fish during any part of a project

Ministry:

- [Department of Fisheries and Oceans \(DFO\)](#)

Act:

- [Fisheries Act S.32](#)

Regulation:

- [Fisheries Act with links to related Fisheries Act Regulations](#)

Other Website Links (if any):

- [DFO \(Fact Sheet\) Obtaining a Fisheries Act Authorization](#)

Contact Branch/Section:

- [DFO Fisheries Habitat Offices](#)

### **Authorization for Water Crossings**

- Construction and maintenance of water crossings including bridges, culverts, fords, and winter ice bridges

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- *Lakes and Rivers Improvement Act* - Sections [14](#) & [16](#)

OR

- [Public Lands Act – Section 14](#)

Regulation:

- [Lakes and Rivers Improvement Act Ont. Reg. 454/96](#) – Construction

OR

- [Public Lands Act Ont. Reg. 453/96](#) – Work Permit – Construction

Other Website links (if any):

- [Department of Fisheries \(DFO\): Working Around Water? \(Ontario Fact Sheets\)](#)
- [DFO: Working In or Around Water](#)

Contact Branch/Section:

- [MNR Office Locations](#)
- [DFO – Regional Offices – Fish Habitat](#)

### **Building/Land Use Permit – Highway Corridor**

- Construction within proximity to highways

Ministry:

- [Ministry of Transportation \(MTO\)](#)

Act:

- [Public Transportation and Highway Improvement Act](#) Section 34

Regulation:

Other Website Links (if any):

- [MTO Application for Building/Land-Use Permit](#) (PDF, 94kB)

Contact Branch/Section:

- [MTO – Corridor Management Offices](#)

## Building Permits

- Permit for construction

Ministry:

- [Ministry of Municipal Affairs and Housing \(MMAH\)](#)

Act:

- [Building Code Act Section 8](#) – Construction and Demolition – Building Permits

Regulation:

- Refer to your local municipality for their municipal bylaws [Association of Municipalities of Ontario \(AMO\)](#)

Other Website links (if any):

- [Ontario Building Code](#)
- [Ontario Building Code publications](#)

Contact Branch/Section:

- [MMAH - Ontario Building and Development Branch](#)
- [AMO - Municipal Contacts \(AMO\)](#)

## Burning Permits

- Industrial slash pile burning operations; prescribed burns for site preparation, ecological maintenance and rehabilitation or other similar purpose

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Forest Fire Prevention Act](#)

Regulation:

- [Forest Fires Prevention Act Ont. Reg. 207/96](#) – Outdoor Fires

Other Website Links (if any):

- [MNR Forest Fire Management](#)

Contact Branch/Section:

- [MNR District Offices](#)

### **Camping Permit for Occupation of Crown Land**

- Crown land occupation of greater than 21 days

Ministry:

- [Ministry of Natural Resources](#) (MNR)

Act:

- [Public Lands Act](#)

Regulation:

- [Public Lands Act - Camping Permit Ont. Reg. 326/94](#) – Crown Land Camping Permit

Other Website Links (if any):

Contact Branch/Section:

- [MNR – District Office](#)

### **Canadian Environmental Assessment Process**

Ministry:

- [Environment Canada](#)

Agency:

- [Canadian Environmental Assessment Agency \(CEAA\)](#)
- And various responsible authorities depending on project

Act:

- [Canadian Environmental Assessment Act](#)

Regulation:

- Various

Other Website Links (if any):

- [Canada–Ontario Agreement on Environmental Assessment Cooperation](#) (PDF, 217kB)
- [Basics of Environmental Assessment](#)
- [CEAA Guidance materials](#)

[Canadian Environmental Assessment Registry](#)

Contact Branch/Section:

- [CEAA Regional Offices](#)

**Certificate of Approval - Waste Management System**

- Establishment and operation of facilities for collecting, handling, transporting, storing, and processing (incineration) of domestic and industrial waste

Ministry:

- [Ministry of the Environment \(MOE\)](#)

Act:

- [Environmental Protection Act](#) - Section 27

Regulation:

- [Environmental Protection Act](#) Ont. Reg. 347 – General – Waste Management Section 16 – Standards for Waste Management Systems

Other Website Links (if any):

- [Guide for Applying for the Approval of a Waste Management System Application for Approval of a Waste Management System](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE regional and district offices](#)

**Certification of Rough Diamonds (Kimberley Process)**

- Certification Process for rough diamonds

Ministry:

- [Natural Resources Canada](#) (NRCan)

Act:

- [Export and Import of Rough Diamonds Act](#)

Regulation:

- [Export and Import of Rough Diamonds Regulations SOR/2003-15](#)



Other Website Links (if any):

- [Kimberley Process for Rough Diamonds](#) - NRCan Site
- [Canadian Kimberley Process Certificate Application Form](#)

Contact Branch/Section:

- NRCan – [Kimberley Process Office](#)

### **Claim Staking in Designated Areas**

- Special staking rules for designated areas

Ministry:

- [Ministry of Natural Resources](#) (MNR)

Act:

- [Public Lands Act](#)

Regulation:

- [Public Lands Act Ont. Reg. 349/98](#) – Schedule of Designated Areas
- [Mining Act Ont. Reg. 356/98](#) – Staking in Designated Areas

Other Website Links (if any):

- [MNR Work Permit requirements when working on Crown land](#)
- [Natural Heritage Information Centre](#)

Contact Branch/Section:

- [MNR District Office](#)
- [MNDM – Resident Geologist Program](#)

### **Class Environmental Assessment for Minor Transmission Facilities**

- Transmission line projects involving more than 2 km of line and which:
  - Are capable of operating at a nominal voltage level of 115 kV.
  - Are capable of operating at a nominal voltage level higher than 115 kV and less than 500 kV and which involve less than 50 km of line.

Ministry:

- [Ministry of the Environment \(MOE\)](#)

Act:

- [Environmental Assessment Act](#)

- [Energy Efficiency Act](#)

Regulation:

- [Environmental Assessment Act Ont. Reg. 116/01](#) – Electricity Projects

Other Website Links (if any):

- [MOE Environmental Assessment publications](#)
- [Ontario Hydro Class Environmental Assessment for Minor Transmission Facilities](#) (PDF, 2.27MB)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

### **Class Environmental Assessment for Provincial Transportation Facilities (Highway Projects)**

- Construction of new or re-routing of existing provincial highway

Ministry:

- [Ministry of Transportation](#) (MTO)

Act:

- [Environmental Assessment Act](#)

Regulation:

Other Website Links (if any):

- [Class Environmental Assessment for Provincial Transportation Facilities Manual](#):

Contact Branch/Section:

- [MTO Environmental Standards and Practices Section](#)

### **Class EA for Small-Scale Resource Stewardship Projects**

- Environmental assessment required for any disposition of Crown lands or resources under consideration

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Environmental Assessment Act](#)

Regulation:

Other Website Links (if any):

- [MNR Class Environmental Assessment \(EA\) for MNR Resource Stewardship and Facility Development Projects](#) (index page)
- [MNR Class Environmental Assessment \(EA\) for MNR Resource Stewardship and Facility Development Projects](#) (PDF, 854kB)
- [MNR Crown Land Management](#)

Contact Branch/Section:

- [MNR District Offices](#)

### **Commercial Signage Permit - Highways**

- Commercial signs placed near a highway

Ministry:

- [Ministry of Transportation](#) (MTO)

Act:

- [Public Transportation and Highways Improvement Act](#)

Regulation:

Other Website Links (if any):

- [MTO Application for Sign Permit](#) (PDF, 18kB)

Contact Branch/Section:

- [MTO Corridor Management Offices](#)

### **Common Core Training**

- Training and skill requirements
  - Surface and underground mining and aggregate operations.

Ministry:

- [Ministry of Labour \(MOL\)](#)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act – Ont. Reg. 854](#) - Section 11 – Mines and Mining Plants

Other Website links (if any):

- [Ministry of Training, Colleges and Universities Modular Training Programs](#)
- [Ministry of Training, Colleges and Universities Apprenticeship](#)

Contact Branch/Section:

- [MOL – Regional Offices](#)
- [Ministry of Education](#)
- [Ministry of Training, Colleges and Universities](#)

## **Cut and Fill Permits for Watercourses**

- Dredging or altering waterways within a conservation area
- Shoreline stabilization
- Will vary with conservation authority jurisdiction
- May be subject to nine provincial statutes and six federal statutes for work in or around water bodies.

Ministry/Agency:

- [Ministry of the Environment](#) (MOE)
- [Ministry of Natural Resources](#)
- [Conservation Authorities of Ontario](#)

Act:

- [Environmental Assessment Act](#)
- [Conservation Authorities Act](#)
- [Lakes and Rivers Improvement Act](#)

Regulation:

- Various

Other Website Links (if any):

- [MOE Fill Quality Guidelines for Lakefilling in Ontario](#) (PDF, 1.36MB)
- [MOE Guidelines for Evaluating Construction Activities Impacting on Watercourses](#) (PDF, 437kB)
- [MOE Publications & Guidelines – Water Resources Management](#)

- [MOE: Links to various Water-related Publications \(Forms, Manuals and Guidelines Catalogue\)](#)
- [Conservation Ontario](#)
- [Conservation Ontario Class EA for Remedial Flood and Erosion Control](#)

Contact Branch/Section:

- [Conservation Ontario](#)

## Designated Substances

- Occupational health and safety concerns
- Special requirements for notification, monitoring and handling of designated substances

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 490/09](#) - Designated Substances

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

## Diamond Drilling – Notice

- Notice is required of all surface diamond drill operations

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854](#) – Mines and Mining Plants – Section 5.3

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

### **Diesel Powered Equipment Notice**

- Required Notice (Form 1) of use of diesel equipment in underground operation.
- Notice required for on-site inspection

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854/90](#) – Mines and Mining Plants – Part VIII – Mechanical – Section 182(1)

Other website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

### **Drinking Water**

Ministry:

- [Ministry of Environment \(MOE\)](#)

Act:

- [Safe Water Drinking Act](#)

Regulation:

- [Safe Water Drinking Act – Ont. Reg. 170/03](#) Drinking water Systems Regulation
- [Safe Water Drinking Act – Ont. Reg. 169/03](#) - Drinking Water Standards

Other Website Links (if any):

- [Ontario Drinking Water Stewardship Program](#)

- [Ministry of the Environment Resources](#) (See under Drinking Water)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

### **Environmental Assessment – Screening for Electricity Projects**

- Environmental assessment screening for power generation
  - e.g., generations by fuel oils greater than 1 MW and less than 5 MW

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Assessment Act](#)

Regulation:

- [Environmental Assessment Act Ont. Reg. 116/01](#) – Electricity Projects

Other Website Links (if any):

- [MOE Guide to Environmental Assessment Requirements for Electricity Projects](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)

### **Environmental Compliance Approval (ECA) - Air**

- Air emissions from various sources

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act](#)

Regulation:

- [Environmental Protection Act Ont. Reg. 420/05](#) - Air Pollution-Local Air Quality

Other Website Links (if any):

- Ministry of the Environment: [Environmental Compliance Approval](#)

Ministry of the Environment:

- [Guide to applying for an Environmental Compliance Approval](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

### **Environmental Compliance Approval (ECA) – Industrial Sewage Works**

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act](#)
- [Ontario Water Resources Act Section 53](#)

Regulation:

- [Environmental Protection Act Ont. Reg. 560/94 Effluent Monitoring and Effluent Limits](#) – Metals Mining Sector
- [Environmental Protection Act Ont. Reg. 561/94 Effluent Monitoring and Effluent Limits](#) – Industrial Minerals Sector

Other Website Links (if any):

- Ministry of the Environment: [Environmental Compliance Approval](#)
- Ministry of the Environment: [Guide to applying for an Environmental Compliance Approval](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

### **Environmental Compliance Approval (ECA) – Noise Emissions**

- Discharge of a noise contaminant into the natural environment

Ministry:

- [Ministry of the Environment](#) (MOE)



Act:

- [Environmental Protection Act](#)

Regulation:

Other Website Links (if any):

- Ministry of the Environment:
  - [Environmental Compliance Approval](#)
  - [Guide to applying for an Environmental Compliance Approval](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

### **Environmental Compliance Approval (ECA) – Private Sewage Works**

- Municipal and Private Sewage Works

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Ontario Water Resources Act Section 53](#) Sewage Works

Regulation:

Other Website Links (if any):

Ministry of the Environment:

- [Environmental Compliance Approval](#)
- [Guide to applying for an Environmental Compliance Approval](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)
- [AMO](#)
- [Public Health Units](#)
- [Conservation Authorities](#)

### **Environmental Compliance Approval (ECA) – Waste Management**

- Requirements to use, operate, establish, alter, enlarge or extend a:
  - Waste Management System.

- Disposal Sites.
- Waste Transfer Site.

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act Section 27](#)

Regulation:

- [Environmental Protection Act Ont. Regs. 347/90](#) – General – Waste Management

Other Website Links (if any):

- Ministry of the Environment:
  - [Environmental Compliance Approval](#)
  - [Guide to applying for an Environmental Compliance Approval](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

## **Environmental Registry Posting**

- Requirements for minimum levels of public participation in government decision making.

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Bill of Rights](#)

Regulation:

- [Environmental Bill of Rights, 1993 O. REG. 73/94](#) - GENERAL
- [Environmental Bill of Rights, 1993 O. REG. 681/94](#) - Classification Of Proposals For Instruments
- [Environmental Assessment Act – O. Reg 334](#) – General
- [Environmental Assessment Act – O. Reg 616/98](#) - Deadlines

Other Website Links (if any)

- [Provincial Environmental Registry](#)

Contact Branch/Section:

- MOE - [Environmental Assessment and Approvals Branch](#)

## **Employment Standards**

- Standards for employers and employees

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Employment Standards Act](#)

Regulation:

- Various regulations

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

## **Export Permit:**

- Export and/or import of designated cultural property, including some mineral collections

Ministry:

- [Canadian Heritage](#)

Act:

- [Cultural Property Export and Import Act](#)

Regulation:

- [Cultural Property Export and Import Act](#)  
[Canadian Cultural Property Export Control List](#) – Group I Objects recovered from the soil or waters of Canada

Other Website Links (if any):

- [Canadian Heritage – Movable Cultural Property Program](#)

Contact Branch/Section:

- [Canadian Heritage – Movable Cultural Property Program](#)

### **Fisheries Act Authorization**

- Harmful Alteration, Disturbance or Destruction of Fish Habitat (HADD)

Ministry:

- [Department of Fisheries and Oceans](#) (DFO)

Act:

- [Fisheries Act](#) S.35

Regulation:

Other Website Links (if any):

- DFO (Fact Sheet) [Obtaining a Fisheries Act Authorization](#)
- [DFO Habitat Management](#)
- [DFO Working Around Water? \(Ontario Fact Sheets\)](#)

Contact Branch/Section:

- [DFO Fisheries Habitat Offices](#)

### **Forest Resource Licence – Cutting Permit for Timber**

- Licence required for harvesting or cutting of Crown timber
- Timber – use in advanced exploration

Ministry:

- [Ministry of Natural Resources](#) (MNR)

Act:

- [Crown Forest Sustainability Act](#)

Regulation:

Other Website Links (if any):

Contact Branch/Section:

- [MNR Regional and District Offices](#)

## Hazardous Wastes – Permit to Transport

- Waste generator registration

Ministry:

- [Ministry of Environment](#) (MOE)

Act:

- [\(Ontario\) Environmental Protection Act](#)

Regulation:

- [Environmental Protection Act](#) - Ont. Reg. 347: General – Waste Management

Other Website Links (if any):

- [MOE Hazardous Waste Link](#):

Contact Branch/Section:

- [MOE Regional Office](#)
- [Spills: Action Centre](#)

## Highway Encroachment Permit

- Required if drilling, mineral exploration or mining-related activities are located along a provincial highway right-of-way
- Obstruction or interference with the highway

Ministry:

- [Ministry of Transportation](#) (MTO)

Act:

- [Public Transportation and Highway Improvement Act](#)

Regulation:

Other Website Links (if any):

- [MTO Application for Encroachment Permit](#) (PDF, 23kB)

Contact Branch/Section:

- [MTO Highway Management Regional Offices](#)

## Highway Entrance Permit

- Entrance permit for new or upgraded road entrances onto a provincial highway
- Interference or obstruction of the highway

Ministry:

- [Ministry of Transportation](#) (MTO)

Act:

- [Public Transportation and Highway Improvement Act](#)

Regulation:

Other Website Links (if any):

- [MTO Application for Entrance Permit](#) (PDF, 21kB)
- [Instructions and information.](#)

Contact Branch/Section:

- [MTO Highway Management Regional Offices](#)

## Individual Environmental Assessment (EA)

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Assessment Act](#)

Regulation:

- Various

Other Website Links (if any):

- [Environmental Bill of Rights Site - General information on the Environmental Assessment Process](#)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)

## Individual Environmental Assessment (EA) for Power Generation Facilities

- Environmental assessment required for power generation by fuel oils (greater than 5 MW)

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Assessment Act](#)

Regulation:

- [Environmental Assessment Act Ont. Reg. 116/01](#) – Electricity Projects

Other Website Links (if any):

- [MOE Guide to Environmental Assessment Requirements for Electricity Projects](#) (PDF, 276kB)
- Ontario Hydro – [Class Environmental Assessment for Minor Transmission Facilities](#) (PDF, 2.27MB)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)

## Land Use Permit

- Use and occupation of Crown land.

Ministry:

- [Ministry of Natural Resources](#) (MNR)

Act:

- [Public Lands Act](#)

Regulation:

- [Public Lands Act R.R.O. 1990, REGULATION 973](#) - LAND USE PERMITS

Other Website Links (if any):

- [MNR Crown Land Management](#)
- [MNR Crown Land Use Policy Atlas](#)
- [MNR Land Use & Environmental Planning](#)

Contact Branch/Section:

- [MNR District Offices](#)

### **Licence for an Explosives Factory**

- Construction and operation of an explosives factory
- Manufacturing of explosives

Ministry:

- Natural Resources Canada (NRCan) - [Explosives Regulatory Division \(ERD\)](#)

Act:

- [Explosives Act](#)

Regulation:

Other Website Links (if any):

- [NRCan – ERD Licensing](#)
- [NRCan – List of forms](#)

Contact Branch/Section:

- [NRCan – Explosives Regulatory Division](#)

### **Licence for Explosives Magazine**

- Licence required for constructing or maintaining an explosives magazine.

Ministry:

- Natural Resources Canada (NRCan) - [Explosives Regulatory Division \(ERD\)](#)

Act:

- [Explosives Act](#) Section 7

Regulation:

Other Website Links (if any):

- [NRCan – ERD Licensing](#)
- NRCan – [ERD Magazine Licence Application](#) (Form 10)

Contact Branch/Section:

- [NRCan – Explosives Regulatory Division](#)



## Lease of Mining Land on Indian Reserves

- Conducting geological assessment work or leasing land for mining on an Indian reserve

Ministry:

- [Aboriginal Affairs and Northern Development Canada](#) (AANDC).

Act:

- [Indian Act](#)

Regulation:

- [Indian Act Indian Mining Regulations – Section 17](#)

Other Website Links (if any):

Contact Branch/Section:

- [AANDC offices in Ontario](#)

## Licence of Occupation - Crown Land

- Licence issued for use of public land to authorize activities.
- Statutory right to maintain action against trespass.
- Recreational camps and cottages with longer tenure longer 10 years.

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Public Lands Act](#) Section 20

Regulation:

Other website Links (if any):

- [MNR Crown Land Management](#)
- [MNR Crown Land Use Policy Atlas](#)

Contact Branch/Section:

- [MNR District Offices](#)

## **Metal Mining Effluent Regulations**

- Effluent monitoring
- Effluent limits
- Aquatic effects monitoring

Ministry:

- [Environment Canada](#) (EC)

Act:

- [Fisheries Act](#)

Regulation:

- [Fisheries Act Metal Mining Effluent Regulations](#)

Other Website links (if any):

- [EC Metal Mining](#)
- [EC The National Environmental Effects Monitoring Office](#)
- [EC Main Offices](#)

## **Migratory Birds Protection**

- Any activities that may affect migratory birds

Ministry:

- [Environment Canada \(EC\) – NatureE](#)

Act:

- [Migratory Birds Convention Act](#)

Regulation:

- [Migratory Birds Convention Act- Migratory Birds Regulations](#)

Other Website Links (if any):

- [CWS Migratory Birds Environmental Assessment guideline](#)

Contact Branch/Section:

- [Environment Canada](#)

## Minister's Zoning Order

- Zoning order required for the erection of more than one mobile home on a parcel of land.

Ministry:

- [Ministry of Municipal Affairs and Housing](#) (MMAH)

Act:

- [Planning Act Section 46](#)

Regulation:

Other Website Links (if any):

Contact Branch/Section:

- [MMAH Contacts](#)

## Municipal/Industrial Strategy for Abatement (MISA) Monitoring

- Requirements for sampling and reporting during operations
- Effluent discharge limits

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act](#)

Regulation:

- [Environmental Protection Act Ont. Reg. 560/94](#) - Effluent Monitoring and Effluent Limits – Metals Mining Sector
- [Environmental Protection Act Ont. Reg. 561/94](#) Effluent Monitoring and Effluent Limits – Industrial Minerals Sector

Other Website Links (if any):

- [MOE Municipal/Industrial Strategy for Abatement](#)
- [MOE MISA Protocol for Sampling and Analysis of Industrial/Municipal Wastewater](#) (PDF, 581kB)

Contact Branch/Section:

- [MOE Regional and District Offices](#)

## Municipal Zoning

- Municipal zoning bylaws

Ministry:

- [Ministry of Municipal Affairs and Housing](#) (MMAH)

Act:

- [Municipal Act](#)
- [Planning Act](#)

Regulation:

Other Website Links (if any):

- [Provincial Policy Statement \(2005\) website](#): Includes a link to document (PDF - 850 Kb)
- [Various Citizens Guides for Planning](#) -

Contact Branch/Section:

- [MMAH Contacts](#)

## Notice of Camp Opening

- Development of exploration or mining camps (for more than 5 people) in unorganized territories

Ministry:

- [Ministry of Health and Long-Term Care](#) (MOH)
- [Ministry of Health and Long-Term Care – Public Health Units](#)

Act:

- [Health Promotion and Protection Act](#)

Regulation:

- [Health Promotion and Protection Act Ont. Reg. 554/90](#) – Camps in Unorganized Territory

Other Website Links (if any):

Contact Branch/Section:

- [MOH – Public Health Units](#)

## Notice of Injury

- Notice of an injury occurring in the workplace
- Notice in writing

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act Part VII Notices](#) – Sections 51 to 53

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854/90](#) – Mines and Mining Plants

Other Website links (if any):

- [Reportable Incident Form](#)

Contact Branch/Section:

- [MOL Occupational Health and Safety Branch Regional Office](#)

## Notice of Installation of Portable Crusher

- Notice to be provided when portable crusher is installed

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854/90](#) – Mines and Mining Plants – Part I – General – Section 5(3)(c)

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

## Notification Letter of Storage or Use of Explosives

- Notification Letter is required for storage and use of explosives

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [\*Occupational Health and Safety Act\*](#)

Regulation:

- [\*Occupational Health and Safety Act Ont. Reg. 854/90\*](#) Mines and Mining Plants – Part VI Section 123. (3)(4)

Other website Links (if any):

- [Notice of Magazine or use of Explosives](#)

Contact Branch/Section:

- [MOL Regional Offices](#)
- [MOL Occupational Health and Safety Branch Health and Safety Program](#)

## Occupational Health & Safety

- Requirements for various employment, and technical standards
- Requirements for reporting and other systems

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [\*Occupational Health and Safety Act\*](#)

Regulation:

- Various

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional and District Offices](#)

## Order - Granting Leave to Construct a Hydrocarbon Line

- Construction of pipelines for transportation of natural gas, oil or gasoline
- Requirements for environmental review and public consultation

Ministry:

- [Ontario Energy Board](#) (OEB)

Act:

- [Ontario Energy Board Act Sections 90 \(1\) \(2\), 91](#)

Regulation:

Other Website Links (if any):

- [OEB Environmental Guidelines for the Location, Operation, Construction of Hydrocarbon Pipelines and Facilities in Ontario](#) (PDF, 290kB)

Contact Branch/Section:

- [Ontario Energy Board](#)

## Order - Granting Leave to Construct a Power Transmission Line

- Authorization to construct power transmission lines

Ministry:

- [Ontario Energy Board](#) (OEB)

Act:

- [Ontario Energy Board Act Section 92 \(1\)](#)

Regulation:

Other Website Links (if any):

- [MOE Guide to Environmental Assessment Requirements for Electricity Projects](#): (PDF, 276kB)

Contact Branch/Section:

- [Ontario Energy Board](#)
- [MOE Environmental Assessment and Approvals Branch](#)

## **PCB Wastes Storage**

- Any storage of PCB waste materials must meet requirements of the regulation
- Any movement of PCB wastes for disposal or decontamination

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act](#)

Regulation:

[Environmental Protection Act Ont. Reg. 362/90](#) – Waste Management – PCBs

Other Website Links (if any):

Contact Branch/Section:

- [MOE Regional and District Offices](#)

## **Permit to Construct Facilities on First Nation Reserve Lands**

- Construction of facilities on a First Nation reserve lands

Ministry:

- [Aboriginal Affairs and Northern Development Canada](#) (AANDC)

Act:

- [Indian Act](#)

Regulation:

- [Indian Act - Indian Mining Regulations](#)

Other Website Links (if any):

Contact Branch/Section:

- [AANDC offices in Ontario AANDC](#)

## **Permit to Dispose of Waste (Dredgate) in Canadian Marine Waters**

- Dredging



Ministry:

- [Environment Canada](#) (EC)

Act:

- [\*Canadian Environmental Protection Act\*](#)

Regulation:

- [Disposal at Sea Regulations](#)
- [Regulations Respecting Applications for Permits for Disposal at Sea](#)
- [Ocean Dumping Permit Fee Regulations](#)

Other Website Links (if any):

- [Permit Application \(Disposal at Sea\)](#)
- [Notice of Intent to Dispose of Waste or Other Matter at Sea](#)

Contact Branch/Section:

- [EC – Environmental Law Enforcement Program Regional Offices](#)

### **Permit to Explore on Indian Reserve**

- Mineral exploration activities on reserve lands
- Indian mining regulations

Ministry:

- [Aboriginal Affairs and Northern Development Canada](#) (AANDC)

Act:

- [\*Indian Act\*](#)

Regulation:

- [Indian Act Indian Mining Regulations Section 5](#)

Other Website Links (if any):

- [AANDC Mines and Minerals – Mineral and Petroleum Resources Directorate](#)

Contact Branch/Section:

- [AANDC Offices in Ontario](#)

## Permit to Take Water

- Water taking permit
- Permit to take water (PTTW)

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Ontario Water Resources Act Section 34](#) –Taking of Water

Regulation:

- [Ontario Water Resources Act Ont. Reg. 387/04](#) – Water Taking and Transfer

Other Website Links (if any):

- [MOE Permits To Take Water](#) (application forms and guidelines)

Contact Branch/Section:

- [MOE Regional and District Offices](#)

## Permit to Transport Explosives

- Transportation of explosive jointly regulated by Transport Canada and Natural Resources Canada
- An Explosives Transportation Permit is generally required when transporting explosives by road in loads exceeding 2000 kilograms net explosives weight. These permits (Form 18) are issued by Transport Canada's Dangerous Goods Directorate.

Ministry:

- Transport Canada (TC) – Transport Dangerous Goods Directorate
- Natural Resources Canada (NRCAN) – [Explosives Regulatory Division](#)

Act:

- [Transportation of Dangerous Goods Act](#)
- [Explosives Act](#), Section 7

Regulation:

- [Transportation of Dangerous Goods Act](#) Transportation of Dangerous Goods Regulations

Other Website Links (if any):

- NRCan [Explosives Regulatory Division](#)

Contact Branch/Section:

- TC – [Transport Dangerous Goods Directorate](#) – Explosives

### **Pre-Development Review Process**

- Requirements for a safety and procedures review project prior to development

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854/90](#) – Mines and Mining Plants

Other Website Links (if any):

Contact Branch/Section:

- [MOL Regional Offices](#)

### **Protection of Archaeological Sites**

- Permit required to excavate or alter property of an archaeological or historical value

Ministry:

[Ministry of Tourism, Culture and Sport](#) (MTcS)

Act:

- *Ontario Heritage Act* ([Part 4](#) & [Part 6](#))

Regulation:

- [Ontario Heritage Act Ont. Reg. 170/04](#) – Definitions
- [Ontario Heritage Act Ont. Reg. 8/06](#) - Licences Under Part Vi Of The Act — Excluding Marine Archaeological Sites

Other Website Links (if any):

Contact Branch/Section:

- [MTCS Regional Offices](#)

## **Purchase and Possession of Explosives**

- For the purchase of blasting explosives for personal use when the quantity is below the licensing threshold of 75 kilograms or storage does not exceed 90 days

Ministry:

- Natural Resources Canada (NRCan) - [Explosives Regulatory Division \(ERD\)](#)

Act:

- [Explosives Act](#) Section 7

Other Website Links (if any):

- NRCan – [ERD Information on Licensing](#)

Contact Branch/Section:

- NRCan – [Explosives Regulatory Division](#)

## **Railway Crossings – Road or Utility**

- To gain access across railways
- Authorization required by Canadian Transportation Agency
- May require CEEA process

Ministry:

- [Transport Canada](#) (TC)
- [Canadian Transportation Agency](#) (CTA)

Act:

- [Canada Transportation Act Sections 100, 101](#) – Road and Utility Crossings
- [Railway Safety Act](#)

Regulation:

Other Website Links (if any):

- [Canadian Transportation Agency](#) (CTA) – Rail
- [Canadian Transportation Agency](#) (CTA) – Rail – Rail Infrastructure – Rail Crossings

Contact Branch/Section:

- [CTA](#)
- [TC Rail Offices](#)

## **Regulations for Mines and Mining Plants**

- Regulations and standards for workers in mines and related facilities
- Occupational Health & Safety

Ministry:

[Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 854/90](#) – Mines and Mining Plants

Other Website Links (if any):

- [Safety North](#)

Contact Branch/Section:

- [MOL District Offices](#)

## **Registration and Notice of Construction Projects**

- Requirements to register and provide notice of projects

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 213/91](#) - Construction Projects

Other Website Links (if any):

Contact Branch/Section:

- [MOL – Regional Offices](#)

### **Reportable Incident Form**

- Notice of a reportable incident
- “Notice in writing”

Ministry:

- [Ministry of Labour](#) (MOL)

Act:

- [Occupational Health and Safety Act Part VII](#) – Notices

Regulation:

Other Website Links (if any):

- [Reportable Incident Form](#)

Contact Branch/Section:

- [MOL Mining Health and Safety Branch Regional Office](#)

### **Species at Risk Protection**

- Any activities that may impact species at Risk

Ministry:

- [Environment Canada](#)

Act:

- [Species at Risk Act](#)

Regulation:

- [Migratory Birds Convention Act](#)- Migratory Birds Regulations

Other Website links (if any):

- [Species at Risk Registry](#)
- [Species List](#)

Contact Branch/Section:

- [Species at Risk Registry](#)

## Sewage Works Operator Licence

- Applies when operating any human/domestic sewage plant that discharges to surface waters

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Ontario Water Resources Act](#)

Regulation:

- [Ontario Water Resources Act Ont. Reg. 129/04](#) Licensing of Sewage Works Operators

Other Website Links (if any):

- [Licencing Guide for Operators of Wastewater Facilities – Licensing of Sewage Works Operators O.Reg. 129/04](#) (PDF, 292kb)

Contact Branch/Section:

- [MOE Environmental Assessment and Approvals Branch](#)
- [MOE Regional and District Offices](#)

## Spills – Notice

- Requirement to notify Ministry of the Environment (MOE) immediately, and
- Responsible for immediate commencement of site clean up

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act Part X](#) – Spills, Section 92 (Notice)

Regulation:

- [Environmental Protection Act Ont. Reg. 360/90](#) – Spills
- [Environmental Protection Act Ont. Reg. 675/98](#) – Classification and Exemption of Spills

Other Website Links (if any):

Contact Branch/Section:

- [MOE Reporting Spills and Environmental Emergencies – Spills Action Centre](#)
- [MOE Regional and District Offices](#)

## Technical and Safety Standards

- Requirements of various safety and technical standards
- Requirements for fuel storage and handling, pressure vessels, hazardous materials

Ministry:

- [Technical Standards and Safety Authority \(TSSA\)](#)

Act:

- [Technical Standards and Safety Act](#)

Regulation:

- [Technical Standards and Safety Act Ont. Reg. 210/01](#) - Oil and Gas Pipeline Systems
- [Technical Standards and Safety Act Ont. Reg. 211/01](#) - Propane Storage and Handling
- [Technical Standards and Safety Act Ont. Reg. 212/01](#) - Gaseous Fuels
- [Technical Standards and Safety Act Ont. Reg. 213/01](#) - Fuel Oil
- [Technical Standards and Safety Act Ont. Reg. 215/01](#) - Fuel Industry Certificates
- [Technical Standards and Safety Act Ont. Reg. 217/01](#) - Liquid Fuels
- [Technical Standards and Safety Act Ont. Reg. 220/01](#) - Boilers and Pressure Vessels
- [Technical Standards and Safety Act Ont. Reg. 223/01](#) - Codes and Standards Adopted by Reference

Other Website Links (if any):

- [TSSA](#)

Contact Branch/Section:

- [TSSA – Fuel](#)
- [TSSA – Pressure vessels](#)

## Timber – Use in Mineral Exploration

- Ownership of trees remains in Crown
- Conditions under which holder, owner or lessee may cut trees
- MNR policy (FOR 05 1318) provides for Timber exemption for exploration purposes such as trails, drill sites, but not for advanced exploration.
- Advanced exploration activities may require District Cutting Licence.



Ministry:

- [Ministry of Natural Resources \(MNR\)](#)
- [Ministry of Northern Development and Mines \(MNDM\)](#)

Act:

- [Mining Act - Section 92](#)

Regulation:

Other Website Links (if any):

Contact Branch/Section:

- [MNDM: Mining Lands](#)
- [MNR District Offices](#)

## **Training Requirements**

- Various training requirements

Ministry:

- [Ministry of Labour \(MOL\)](#)

Act:

- [Occupational Health and Safety Act](#)
- [Trade Qualifications and Apprenticeship Act](#)

Regulation:

- [Occupational Health and Safety Act Ont. Reg. 572/99](#) – Training Requirements for Certain Skill Sets and Trades

Other Website Links (if any):

Contact Branch/Section:

- [Ministry of Labour \(MOL\) regional offices.](#)  
[Ministry of Education \(MEDU\)/ Training, Colleges & Universities \(MTCU\)](#)

## **Transportation of Dangerous Goods**

- Permits required to transport regulated dangerous materials
- Road, Rail, Marine or Air transportation of dangerous goods

**Ministry:**

- [Transport Canada](#)

Act:

- [\*Transportation of Dangerous Goods Act\*](#)

Regulation:

- [\*Transportation of Dangerous Goods Act Transportation of Dangerous Goods Regulations\*](#)

Other Website Links (if any):

- [TC Transport of Dangerous Goods Directorate](#)
- [Transport Canada – CANUTEC Canadian Transport Emergency Centre](#)
- [Transport of Dangerous Goods Regulations](#) (clear language)
- [TC Permit application information](#)

Contact Branch/Section:

- [Transport Canada Offices in Ontario](#)
- [Transport Canada – Dangerous Goods](#) (general contacts)
- [Transport Canada CANUTEC](#) (also emergency contact)

## **Uranium Mines and Projects**

- Uranium mines and projects are federally regulated
- Licence to prepare site and construct
- Licence to operate
- Licence to decommission
- Licence to abandon
- Underground excavation of uranium in exploration
- Surface removal of uranium in exploration

Ministry:

- [Canadian Nuclear Safety Commission](#) (CNSC)

Act:

- [\*Nuclear Safety and Control Act\*](#)

Regulation:

- [Nuclear Safety and Control Act SOR-2000-202](#) General Nuclear Safety and Control Regulations
- [Nuclear Safety and Control Act SOR-2000-206](#) Uranium Mines and Mills Regulations

These Regulations apply in respect of uranium mines and mills. These Regulations do not apply in respect of uranium prospecting or surface exploration activities.

Other Website Links (if any):

- [CNSC Preparing Codes of Practice to Control Radiation Doses at Uranium Mines and Mills](#) (PDF, 51kB)
- [CNSC A Guide to Ventilation Requirements for Uranium Mines and Mills](#) (PDF81kB)
- [CNSC Emergency Planning at Class I Nuclear Facilities and Uranium Mines and Mills](#) (PDF, 89kB)

Contact Branch/Section:

- [CNSC Regional Offices](#)

### **Waste Generator Registration**

- Storage and transportation of various hazardous wastes
- Registration of waste generation

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Environmental Protection Act](#)

Regulation:

- [Environmental Protection Act Ont. Reg. 347/90](#) – General – Waste Management – Sections 18 to 27 (Registration, Manifests) (i.e., generator, carrier and receiver requirements)

Other Website Links (if any):

- [MOE Generator Registration Report](#) (form: PDF, 115kB) MOE
- [Hazardous Waste Information network](#) (HWIN) (an online registry)

Contact Branch/Section:

- [MOE Environmental Assessment and Reporting Branch](#)
- [MOE Regional and District Offices](#)

### **Water - Wells Regulation**

- Applies to owners of water wells
- Development and abandonment of water wells

Ministry:

- [Ministry of the Environment](#) (MOE)

Act:

- [Ontario Water Resources Act](#)

Regulation:

- [Ontario Water Resources Act Ont. Reg. 903/90](#) – Wells

Other Website Links (if any):

- [MOE Wells Information](#)

Contact Branch/Section:

- [MOE Regional and District Offices](#)

### **Work Permit – Disruptive Mineral Exploration**

- Temagami area with special requirements for staking and exploration activities
- Designated areas with special rules for exploration activities

Ministry:

- [Ministry of Natural Resources](#) (MNR)
- [Ministry of Northern Development and Mines](#) (MNDM)

Act:

- [Public Lands Act](#)

Regulation:

- [Public Lands Act Ont. Reg. 349/98](#) – Work Permit – Disruptive Mineral Exploration Activities

Other Website Links (if any):

Contact Branch/Section:

- [MNR Regional and District Offices](#)
- [MNDM Resident Geologist Program](#) (Regional Land Use Geologists)

### **Work Permit - Public Lands Act (PLA)**

- Required for:

- Water crossings
- Dredging
- Filling
- Buildings
- Road construction

Ministry:

- [Ministry of Natural Resources \(MNR\)](#)

Act:

- [Public Lands Act](#)

Regulation:

- [Public Lands Act Ont. Reg. 975/90](#) – Work Permits
- [Public Lands Act Ont. Reg. 453/96](#) – Work Permit – Construction

Other Website Links (if any):

- [MNR: When is a Work Permit Required](#)

Contact Branch/Section:

- [MNR District Offices](#)

## **Workplace Safety Insurance Board**

Ministry:

- [Ministry of Labour \(MOL\)](#)

Act:

- [Workplace Safety and Insurance Act](#)

Regulation:

- [Workplace Safety and Insurance Act Ont. Reg. 1101/90](#) - First Aid Requirements
- [Workplace Safety and Insurance Act Ont. Reg. 175/98](#) – General Requirements

Other Website Links (if any):

Contact Branch/Section:

- [WSIB general contact information](#)
- [WSIB offices](#)