

**PROPOSED ENTRIES FOR THE PROJECT LIST REGULATIONS
UNDER THE IMPACT ASSESSMENT ACT**

*Prepared by Stephen Hazell, Nature Canada; Anna Johnston, West Coast
Environmental Law; Josh Ginsberg, Ecojustice;
Karine Peloffy, Centre québécois du droit de l'environnement; Andrea
Lesperance, Nature Canada; and Hugh Benevides, Legal Consultant*

December 5, 2018

Table of Contents

1. New Project List Entries	3
A. Law-List Type Entries.....	3
B. Entries Based on Federal Funding.....	3
C. Entries Based on Environmental Effect in Area of Federal Interest.....	3
D. Entries Based on Location in Ecologically Significant Federal Lands.....	3
E. Entries Based on the Characterization of a Project’s Purpose.....	4
Forestry.....	4
Infrastructure Impacting Navigable Waterways.....	4
Aquaculture.....	5
Electricity Transmission.....	5
Ethanol Production.....	5
Hydraulic Fracturing.....	5
Electricity Generation.....	5
Oil Sands.....	5
Offshore Oil and Gas.....	6
Mine, Processing and Storage.....	6
Road Infrastructure.....	6
Nuclear.....	6
Space Infrastructure.....	6
Other.....	7
2. Amendments to Existing Project List	7
A. Entries Based on Location in Ecologically Significant Federal Lands.....	7
B. Entries Based on Characterization of a Project’s Purpose.....	7

Generating Facility	7
Dam, Water Diversion	8
Mines and Quarries	8
Military	9
Marine Infrastructure.....	9
Railway	10
Road Infrastructure	10
Airport	10
Nuclear	10
Electricity Transmission.....	11
Pipeline.....	11
3. CEAA 2012 Listings to Retain.....	11
Electricity Generating Facility.....	11
Dam, Water Diversion	12
Oil Sands.....	12
Offshore Oil and Gas	12
Petroleum Refining and Storage	12
Mine, Processing and Storage.....	13
Military	14
Marine Infrastructure.....	14
Hazardous Waste	14
Nuclear	14
Offshore Oil and Gas	15
Petroleum Refining and Storage	15
Pipeline.....	15

1. New Project List Entries

A. Law-List Type Entries

1. The proposed construction, alteration, expansion, decommissioning or abandonment of any designated project that requires a permit under subsection 35.1(2) of the *Fisheries Act*.
2. The proposed construction, alteration, expansion, decommissioning or abandonment of a work, undertaking or activity in an ecologically significant area that requires an authorization under subsection 35.2(7) of the *Fisheries Act*.
3. The proposed construction, alteration, expansion, decommissioning or abandonment of a major work in, on, over, under, through or across a navigable water that requires an approval by the Minister under subsection 5(1)(a) of the *Canadian Navigable Waters Act*.
4. The proposed construction, alteration, expansion, decommissioning or abandonment of a work - other than a minor work - in, on, over, under, through or across a navigable water that is listed in the schedule to the *Canadian Navigable Waters Act* that requires an approval by the Minister under subsection 5(1)(b) of the *Canadian Navigable Waters Act*.
5. The proposed construction, alteration, expansion, decommissioning or abandonment of any project to be located in critical habitat that is described in a recovery strategy published under section 43(3), is published in the Canada Gazette under section 58, or is subject to an order issued under section 80 of the *Species at Risk Act*.
6. The proposed construction, alteration, expansion, decommissioning or abandonment of any project requiring approval under s. 24 of the *Nuclear Safety and Control Act*.
7. Manufacture or import of Animate Products of Biotechnology determined by the Ministers of Environment and Climate Change and Health to be “toxic” under the *Canadian Environmental Protection Act, 1999*.

B. Entries Based on Federal Funding

8. The proposed construction, alteration, expansion, decommissioning or abandonment of a project for which a federal loan or other financial assistance in an amount greater than \$10 million is to be, or has been made, to the proponent for the purpose of enabling the project to be project, except where the financial assistance is in the form of a reduction, avoidance, deferral, removal, refund, remission or other form of relief from the payment of a tax, duty or impost imposed under any Act of Parliament.

C. Entries Based on Environmental Effect in Area of Federal Interest

9. Construction or expansion of a facility whose operations are expected to release more than:
 - a. 50,000 tonnes of greenhouse gas (GHG) emissions per year during the period prior to 2030;
 - b. 25,000 tonnes of GHG emissions per year during the period from 2030 to 2040; or
 - c. 5,000 tonnes of GHG emissions per year during the period after 2040.

D. Entries Based on Location in Ecologically Significant Federal Lands

10. (a) The proposed construction, alteration, expansion, decommissioning or abandonment of a project or activity as requiring an assessment in a regional or strategic assessment carried out under the *Impact Assessment Act*.

(b) The expansion, decommissioning or abandonment of an existing project or activity identified as requiring an assessment in a regional or strategic assessment carried out under the *Impact Assessment Act*.

11. (a) The proposed construction, alteration, expansion, decommissioning or abandonment of a project or activity located within 25 km of a community with potential effects within federal jurisdiction.

(b) The expansion, decommissioning or abandonment of an existing project or activity located within 25 km of a community, where the cumulatively impacts of industrial practices are expected to negatively impact the human and environmental health of the community, as identified in a regional or strategic assessment carried out under the *Impact Assessment Act*.

12. (a) The proposed construction, alteration, expansion, decommissioning or abandonment of a project or activity to be located within 100 km of a provincial or territorial border or the Canada - United States border that proposes to or is likely to emit more than 90 tonnes per year of any one of the following:

- i. sulphur dioxide,
- ii. nitrogen oxides,
- iii. carbon monoxide,
- iv. total suspended particulates,
- v. or volatile organic compounds; or
- vi. more than 1 tonne per year of any hazardous air pollutant.

(b) The expansion, decommissioning or abandonment of any existing project or activity to be located within 100km of a provincial or territorial border or the Canada - United States border that proposes to or is likely to emit more than 90 tonnes per year of any one of the following:

- i. sulphur dioxide,
- ii. nitrogen oxides,
- iii. carbon monoxide,
- iv. total suspended particulates,
- v. or volatile organic compounds; or
- vi. more than 1 tonne per year of any hazardous air pollutant.

E. Entries Based on the Characterization of a Project's Purpose

Forestry

13. (a) Construction and operation of a new log sorting and handling facility.

(b) Expansion, decommissioning or abandonment of an existing log sorting and handling facility.

14. Construction and operation of a new mill producing wood products or pulp and paper.

15. Construction of roads with a length greater than 10 km for the purpose of forestry operations proposed pursuant to a forest management plan.

Infrastructure Impacting Navigable Waterways

16. (a) Construction and operation of a new bridge, tunnel or causeway traversing a navigable waterway as defined in the *Canadian Navigable Waters Act*.

(b) Expansion, decommissioning or abandonment of an existing bridge, tunnel or causeway traversing a navigable waterway as defined in the *Canadian Navigable Waters Act*.

Aquaculture

17. (a) Construction and operation of a new marine or freshwater aquaculture facility.
- (b) Expansion, decommissioning or abandonment of an existing marine or freshwater aquaculture facility.

Electricity Transmission

18. Installation and operation of new power cables of length greater than 200 metres, underwater in a marine or freshwater body.

Ethanol Production

19. (a) Construction and operation of a new ethanol fuel production facility.
- (b) Expansion, decommissioning or abandonment of an existing ethanol fuel production facility.

Hydraulic Fracturing

20. (a) Construction and operation of a new hydraulic fracturing (fracking) oil or gas development project.
- (b) Expansion, decommissioning or abandonment of an existing hydraulic fracturing (fracking) oil or gas development project.

Electricity Generation

21. (a) Construction and operation of a new geothermal electricity generation facility.
- (b) Expansion, decommissioning or abandonment of an existing geothermal electricity generation facility.
22. (a) Construction and operation of a new offshore wind electricity generation facility or an on-shore electricity-generation facility that includes five or more wind turbines.
- (b) Expansion, decommissioning or abandonment of an existing offshore wind electricity generation facility or an on-shore electricity-generation facility that includes five or more wind turbines.
23. (a) Construction and operation of a new solar electrical generating facility with a production capacity of 10 MW or more.
- (b) Expansion, decommissioning or abandonment of an existing solar electrical generating facility with a production capacity of 10 MW or more.

Oil Sands

24. (a) Construction and operation of a new facility employing in situ technologies to extract bitumen from oil sands whether through thermal techniques, solvents, a combination of thermal and solvent technologies, or any other technology allowing for in situ extraction of bitumen.
- (b) Expansion, decommissioning or abandonment of an existing facility employing in situ technologies to extract bitumen from oil sands whether through thermal techniques, solvents, a combination of thermal and solvent technologies, or any other technology allowing for in situ extraction of bitumen.

Offshore Oil and Gas

25. Conduct of a new program of exploratory oil and gas seismic activities in offshore marine or freshwater water bodies.

Mine, Processing and Storage

26. (a) Construction and operation of a new chromite mine.
(b) Expansion, decommissioning or abandonment of an existing chromite mine.
27. (a) Construction and operation of a facility for concentration, smelting and/or refining of non-ferrous metals
(b) Expansion, decommissioning or abandonment of a facility for concentration, smelting and/or refining of non-ferrous metals

Road Infrastructure

28. Construction and operation of a new all-season public highway that requires a total of 50 km or more of new right of way.

Nuclear

29. Refurbishment of a nuclear power facility or life extension of a nuclear power generation facility.
30. (a) Construction and operation of a new facility for the fabrication or processing of nuclear materials such as medical isotopes.
(b) Expansion, decommissioning or abandonment of an existing facility for the fabrication or processing of nuclear materials such as medical isotopes.
31. (a) Construction and operation of a new facility for the storage or disposal of waste relating to nuclear materials such as medical isotopes.
(b) Expansion, decommissioning or abandonment of an existing facility for the storage or disposal of waste relating to nuclear materials such as medical isotopes.
32. (a) Construction and operation of a new facility to refine uranium concentrates (i.e. yellowcake).
(b) Expansion, decommissioning or abandonment of an existing facility to refine uranium concentrates (i.e. yellowcake).
33. Initiation and conduct of a new program of physical activities to transport, import or export nuclear waste from a nuclear reactor facility to a facility that stores, recycles, reuses or disposes of nuclear waste.

Space Infrastructure

34. (a) Construction and operation of a new facility for the launch of rockets or other projectiles designed to carry satellites, equipment or humans into orbit around the Earth or beyond the Earth's atmosphere.
(b) Expansion, decommissioning or abandonment of an existing facility for the launch of rockets or other projectiles designed to carry satellites, equipment or humans into orbit around the Earth or beyond the Earth's atmosphere.

Other

- 35. (a) Construction and operation of a new facility that is proposed to require more than 10,000 gigajoules of natural gas annually for its operations.
- (b) Expansion, decommissioning or abandonment of an existing facility that requires more than 10, 000 gigajoules of natural gas annually for its operations.

2. Amendments to Existing Project List

A. Entries Based on Location in Ecologically Significant Federal Lands

CEAA 2012 PHYSICAL ACTIVITIES

- 1 The construction, operation, decommissioning and abandonment, in a wildlife area or migratory bird sanctuary, of a new
 - (a) electrical generating facility or electrical transmission line;
 - (b) structure for the diversion of water, including a dam, dyke or reservoir;
 - (c) oil or gas facility or oil and gas pipeline;
 - (d) mine or mill;
 - (e) industrial facility;
 - (f) canal or lock;
 - (g) marine terminal;
 - (h) railway line or public highway;
 - (i) aerodrome or runway; or
 - (j) waste management facility.

- 48 The construction, operation, decommissioning and abandonment, in a wildlife area or migratory bird sanctuary, of
 - (a) a new electrical transmission line; or
 - (b) a new oil or gas facility or new pipeline.

IAA PHYSICAL ACTIVITIES

- Construction and operation of a new facility or infrastructure in, or with potential effects on, a
 - i. National Park,
 - ii. National Park Reserve,
 - iii. National Wildlife Area,
 - iv. Migratory Bird Sanctuary,
 - v. National Marine Conservation Area,
 - vi. Marine Protected Area, or
 - vii. Any other ecologically significant area identified pursuant to an international treaty to which Canada is a signatory.
- Expansion, decommissioning or abandonment of an existing facility or infrastructure in, or with potential effects on, a
 - i. National Park,
 - ii. National Park Reserve,
 - iii. National Wildlife Area,
 - iv. Migratory Bird Sanctuary,
 - v. National Marine Conservation Area,
 - vi. Marine Protected Area, or
 - vii. Any other ecologically significant area identified pursuant to an international treaty to which Canada is a signatory.

B. Entries Based on Characterization of a Project's Purpose

Generating Facility

- 2 The construction, operation, decommissioning and abandonment of
 - (a) a new fossil fuel-fired electrical generating facility with a production capacity of 200 MW or more;

- The construction and operation of a new:
 - i. fossil fuel-fired electrical generating facility with a production capacity of 10 MW or more

(b) a new in-stream tidal power generating facility with a production capacity of 50 MW or more or a new tidal power generating facility, other than an in-stream tidal power generating facility, with a production capacity of 5 MW or more; or
 (c) a new hydroelectric generating facility with a production capacity of 200 MW or more.

- ii. in-stream tidal power generating facility with a production capacity of 50 MW or more or a new tidal power generating facility, other than an in-stream tidal power generating facility, with a production capacity of 5 MW or more; or
- iii. hydroelectric generating facility with a production capacity of 10 MW or more.

The expansion, decommissioning or abandonment of an existing:

- i. fossil fuel-fired electrical generating facility with a production capacity of 10 MW or more
- ii. in-stream tidal power generating facility with a production capacity of 50 MW or more or a new tidal power generating facility, other than an in-stream tidal power generating facility, with a production capacity of 5 MW or more; or
- iii. hydroelectric generating facility with a production capacity of 10 MW or more.

Dam, Water Diversion

6 The construction, operation, decommissioning and abandonment of a new structure for the diversion of 10 000 000 m³/year or more of water from a natural water body into another natural water body.

The construction and operation of a new structure to divert water from a natural water body.

The expansion, decommissioning or abandonment of an existing structure to divert water from a natural water body.

7 The expansion of an existing structure for the diversion of water from a natural water body into another natural water body that would result in an increase in diversion capacity of 50% or more and a total diversion capacity of 10 000 000 m³/year or more.

The construction and operation of any new structure, to divert water from a natural water body.

The expansion, decommissioning or abandonment of an existing structure, to divert water, including water bodies such as channels.

Mines and Quarries

16 The construction, operation, decommissioning and abandonment of a new (g) stone quarry or sand or gravel pit, with a production capacity of 3 500 000 t/year or more.

The construction and operation of any new stone quarry or sand/gravel pit, with a production capacity of 1 000 000 t/year or more.

17 The expansion of an existing

The expansion, decommissioning or abandonment of an existing stone quarry or sand/gravel pit, with a production capacity of 1 000 000 t/year or more.

(g) stone quarry or sand or gravel pit that would result in an increase in the area of mine operations of 50% or more and a total production capacity of 3 500 000 t/year or more.

Military

18 The construction and operation of a new military base or military station that is to be established for more than 12 consecutive months.

Construction and operation of a new military base or military station.

Expansion, decommissioning or abandonment of an existing military base or military station.

19 The construction, operation, decommissioning and abandonment outside an existing military base of a new military training area, range or test establishment for training or weapons testing that is to be established for more than 12 consecutive months.

The construction and operation of new military training area, range or test establishment for training or weapons testing that is outside an existing military base and is to be established for more than 12 consecutive months.

20 The expansion of an existing military base or military station that would result in an increase in the area of the military base or military station of 50% or more.

The expansion, decommissioning or abandonment of an existing military training area, range or test establishment for training or weapons testing that is outside an existing military base and is to be established for more than 12 consecutive months.

21 The decommissioning and abandonment of an existing military base or military station.

23 The low-level flying of military fixed-wing jet aircraft for more than 150 days in a calendar year as part of a training program at an altitude below 330 m above ground level on a route or in an area that was not established before October 7, 1994 by or under the authority of the Minister of National Defense or the Chief of the Defense Staff as a route or area set aside for low-level flying training.

Low level flying exercises that are a part of a new training program.

Marine Infrastructure

24 The construction, operation, decommissioning and abandonment of a new (c) marine terminal designed to handle ships larger than 25 000 DWT unless the terminal is located on lands that are routinely and have been historically used as a marine terminal or

Construction and operation of a new marine terminal or port facility.

Expansion, decommissioning or abandonment of an existing marine terminal or port facility.

that are designated for such use in a land-use plan that has been the subject of public consultation.

Railway

25 The construction, operation, decommissioning and abandonment of a new
(a) railway line that requires a total of 32 km or more of new right of way;
(b) railway yard with seven or more yard tracks or a total track length of 20 km or more;
(d) railway line designed for trains that have an average speed of 200 km/h or more.

Construction and operation of a new railway terminal or railway line.

Significant expansion in the rail traffic at an existing terminal or railway line.

Proposed initiation of loading or unloading of toxic substances or dangerous goods at a railway terminal.

Proposed initiation of carriage of toxic substances or dangerous goods on a railway line.

Road Infrastructure

25 The construction, operation, decommissioning and abandonment of a new
(c) all-season public highway that requires a total of 50 km or more of new right of way;

Construction and operation of a new road longer than 500 metres on federal lands.

Expansion, including widening, of an existing road longer than 500 metres on federal lands.

Construction and operation of a new all-season public highway that requires a total of 50 km or more of new right of way.

Airport

26 The construction, operation, decommissioning and abandonment of a new
(a) aerodrome located within the built-up area of a city or town;
(b) airport, as defined in subsection 3(1) of the *Aeronautics Act*; or
(c) all-season runway with a length of 1 500 m or more.

Construction and operation of a new airport or aeronautic facility.

Expansion, decommissioning or abandonment of an existing airport or aeronautic facility.

Nuclear

35 The construction, operation and decommissioning of a new nuclear fission or fusion reactor.

Construction and operation of a new nuclear fusion or fission reactor, including Small Modular Reactors.

Expansion, refurbishment, life-extension, recommissioning or abandonment of an existing

nuclear fusion or fission reactor, including Small Modular Reactors.

36 The expansion of an existing nuclear fission or fusion reactor that would result in an increase in power output of 50% or more.

The construction and operation of a new:

- i. facility for the storage of irradiated fuel or nuclear waste;
- ii. facility for the long-term management or disposal of irradiated fuel or nuclear waste.

The expansion, decommissioning or abandonment of an existing:

- iii. facility for the storage of irradiated fuel or nuclear waste;
- iv. facility for the long-term management or disposal of irradiated fuel or nuclear waste.

Electricity Transmission

39 The construction, operation, decommissioning and abandonment of a new electrical transmission line with a voltage of 345 kV or more that requires a total of 75 km or more of new right of way.

Construction and operation of a new electrical transmission line longer than 10 km, or expansion of an existing electrical transmission line by more than 10km.

Decommissioning or abandonment of an electrical transmission line longer than 10km.

Pipeline

46 The construction and operation of a new pipeline, other than an offshore pipeline, with a length of 40 km or more.

Construction and operation of a new oil, gas, or commodity pipeline with a length of 40 km or more.

Expansion, decommissioning or abandonment of an existing oil, gas, or commodity pipeline with a length of 40 km or more.

3. CEAA 2012 Listings to Retain

Note: Entries' numbers correspond to those in the current Regulations Designating Physical Activities, SOR/2012-147.

A. Entries Based on Characterization of a Project's Purpose

Electricity Generating Facility

3. The expansion of

(a) an existing fossil fuel-fired electrical generating facility that would result in an increase in production capacity of 50% or more and a total production capacity of 200 MW or more;

(b) an existing in-stream tidal power generating facility that would result in an increase in production capacity of 50% or more and a total production capacity of 50 MW or more or an existing tidal power

generating facility, other than an in-stream tidal power generating facility, that would result in an increase in production capacity of 50% or more and a total production capacity of 5 MW or more; or

(c) an existing hydroelectric generating facility that would result in an increase in production capacity of 50% or more and a total production capacity of 200 MW or more.

Dam, Water Diversion

4. The construction, operation, decommissioning and abandonment of a new dam or dyke that would result in the creation of a reservoir with a surface area that would exceed the annual mean surface area of a natural water body by 1 500 ha or more.

5. The expansion of an existing dam or dyke that would result in an increase in the surface area of the existing reservoir of 50% or more and an increase of 1 500 ha or more in the annual mean surface area of the existing reservoir.

Oil Sands

8. The construction, operation, decommissioning and abandonment of a new oil sands mine with a bitumen production capacity of 10 000 m³/day or more.

9. The expansion of an existing oil sands mine that would result in an increase in the area of mine operations of 50% or more and a total bitumen production capacity of 10 000m³/day or more.

Offshore Oil and Gas

10. The drilling, testing and abandonment of offshore exploratory wells in the first drilling program in an area set out in one or more exploration licenses issued in accordance with the *Canada-Newfoundland and Labrador Atlantic Accord Implementation Act* or the *Canada-Nova Scotia Offshore Petroleum Resources Accord Implementation Act*.

11. The construction, installation and operation of a new offshore floating or fixed platform, vessel or artificial island used for the production of oil or gas.

12. The decommissioning and abandonment of an existing offshore floating or fixed platform, vessel or artificial island used for the production of oil or gas that is proposed to be disposed of or abandoned offshore or converted on site to another role.

13. The construction, operation, decommissioning and abandonment of a new offshore oil and gas pipeline, other than a flowline.

Petroleum Refining and Storage

14. The construction, operation, decommissioning and abandonment of a new

(a) oil refinery, including a heavy oil upgrader, with an input capacity of 10 000 m³/day or more;

(b) facility for the production of liquid petroleum products from coal with a production capacity of 2 000 m³/day;

(c) sour gas processing facility with a sulphur inlet capacity of 2 000 t/day or more;

(d) facility for the liquefaction, storage or regasification of liquefied natural gas, with a liquefied natural gas processing capacity of 3 000 t/day or more or a liquefied natural gas storage capacity of 55 000 t or more;

(e) petroleum storage facility with a storage capacity of 500 000 m³ or more; or

(f) liquefied petroleum gas storage facility with a storage capacity of 100 000 m³ or more.

15. The expansion of an existing

- (a) oil refinery, including a heavy oil upgrader, that would result in an increase in input capacity of 50% or more and a total input capacity of 10 000 m³/day or more;
- (b) facility for the production of liquid petroleum products from coal that would result in an increase in production capacity of 50% or more and a total production capacity of 2 000 m³/day or more;
- (c) sour gas processing facility that would result in an increase in sulphur inlet capacity of 50% or more and a total sulphur inlet capacity of 2 000 t/day or more;
- (d) facility for the liquefaction, storage or regasification of liquefied natural gas that would result in an increase in the liquefied natural gas processing or storage capacity of 50% or more and a total liquefied natural gas processing capacity of 3 000 t/day or more or a total liquefied natural gas storage capacity of 55 000 t or more, as the case may be;
- (e) petroleum storage facility that would result in an increase in storage capacity of 50% or more and a total storage capacity of 500 000 m³ or more; or
- (f) liquefied petroleum gas storage facility that would result in an increase in storage capacity of 50% or more and a total storage capacity of 100 000 m³ or more.

Mine, Processing and Storage

16 The construction, operation, decommissioning and abandonment of a new

- (a) metal mine, other than a rare earth element mine or gold mine, with an ore production capacity of 3 000 t/day or more;
- (b) metal mill with an ore input capacity of 4 000 t/day or more;
- (c) rare earth element mine or gold mine, other than a placer mine, with an ore production capacity of 600 t/day or more;
- (d) coal mine with a coal production capacity of 3 000 t/day or more;
- (e) diamond mine with an ore production capacity of 3 000 t/day or more;
- (f) apatite mine with an ore production capacity of 3 000 t/day or more; or

17 The expansion of an existing

- (a) metal mine, other than a rare earth element mine or gold mine, that would result in an increase in the area of mine operations of 50% or more and a total ore production capacity of 3 000 t/day or more;
- (b) metal mill that would result in an increase in the area of mine operations of 50% or more and a total ore input capacity of 4 000 t/day or more;
- (c) rare earth element mine or gold mine, other than a placer mine, that would result in an increase in the area of mine operations of 50% or more and a total ore production capacity of 600 t/day or more;
- (d) coal mine that would result in an increase in the area of mine operations of 50% or more and a total coal production capacity of 3 000 t/day or more;
- (e) diamond mine that would result in an increase in the area of mine operations of 50% or more and a total ore production capacity of 3 000 t/day or more;
- (f) apatite mine that would result in an increase in the area of mine operations of 50% or more and a total ore production capacity of 3 000 t/day or more; or ...

Military

22 The testing of military weapons for more than five days in a calendar year in an area other than the training areas, ranges and test establishments established before October 7, 1994 by or under the authority of the Minister of National Defence for the testing of weapons.

Marine Infrastructure

24 The construction, operation, decommissioning and abandonment of a new

- (a) canal or a lock or associated structure to control water levels in the canal;
- (b) lock or associated structure to control water levels in existing navigable waterways; or

27 The extension of an existing all-season runway by 1 500 m or more.

28 The construction, operation, decommissioning and abandonment of a new

- (a) international or interprovincial bridge or tunnel; or
- (b) bridge over the St. Lawrence Seaway.

Hazardous Waste

29 The construction, operation, decommissioning and abandonment of a new facility used exclusively for the treatment, incineration, disposal or recycling of hazardous waste.

30 The expansion of an existing facility used exclusively for the treatment, incineration, disposal or recycling of hazardous waste that would result in an increase in hazardous waste input capacity of 50% or more.

Nuclear

31 The construction, operation and decommissioning of a new uranium mine or uranium mill on a site that is not within the licensed boundaries of an existing uranium mine or uranium mill.

32 The expansion of an existing uranium mine or uranium mill that would result in an increase in the area of mine operations of 50% or more.

33 The construction, operation and decommissioning of a new

- (a) facility for the processing, reprocessing or separation of an isotope of uranium, thorium, or plutonium, with a production capacity of 100 t/year or more;
- (b) facility for the manufacture of a product derived from uranium, thorium or plutonium, with a production capacity of 100 t/year or more; or
- (c) facility for the processing or use, in a quantity greater than 10^{15} Bq per calendar year, of nuclear substances with a half-life greater than one year, other than uranium, thorium or plutonium.

34 The expansion of an existing

- (a) facility for the processing, reprocessing or separation of an isotope of uranium, thorium or plutonium that would result in an increase in production capacity of 50% or more and a total production capacity of 100 t/year or more;
- (b) facility for the manufacture of a product derived from uranium, thorium or plutonium that would result in an increase in production capacity of 50% or more and a total production capacity of 100 t/year or more; or

(c) facility for the processing or use, in a quantity greater than 10^{15} Bq per calendar year, of nuclear substances with a half-life greater than one year, other than uranium, thorium or plutonium, that would result in an increase in processing capacity of 50% or more.

37 The construction and operation of a new

(a) facility for the storage of irradiated fuel or nuclear waste, on a site that is not within the licensed perimeter of an existing nuclear facility; or

(b) facility for the long-term management or disposal of irradiated fuel or nuclear waste.

38 The expansion of an existing facility for the long-term management or disposal of irradiated fuel or nuclear waste that would result in an increase in the area, at ground level, of the facility of 50% or more.

Offshore Oil and Gas

40 The drilling, testing and abandonment of offshore exploratory wells in the first drilling program in an area set out in one or more exploration licences issued in accordance with the *Canada Petroleum Resources Act*.

41 The construction, installation and operation of a new offshore floating or fixed platform, vessel or artificial island used for the production of oil or gas.

42 The decommissioning and abandonment of an existing offshore floating or fixed platform, vessel or artificial island used for the production of oil or gas that is proposed to be disposed of or abandoned offshore or converted on site to another role.

43 The construction, operation, decommissioning and abandonment of a new offshore pipeline, other than a flowline.

Petroleum Refining and Storage

44 The construction, operation, decommissioning and abandonment of a new

(a) sour gas processing facility with a sulphur inlet capacity of 2 000 t/day or more; or

(b) petroleum storage facility with a storage capacity of 500 000 m³ or more.

45 The expansion of an existing

(a) sour gas processing facility that would result in an increase in sulphur inlet capacity of 50% or more and a total sulphur inlet capacity of 2 000 t/day or more; or

(b) petroleum storage facility that would result in an increase in storage capacity of 50% or more and a total storage capacity of 500 000 m³ or more.

Pipeline

47 The decommissioning and abandonment of an existing pipeline, other than an offshore pipeline, if at least 40 km of pipe is removed from the ground.