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File No. ACS2024-PDB-RHU-0024

September 13, 2024

[REDACTED]  
GM, Infrastructure & Water Services  
100 Constellation Drive  
Mail Code 26-61  
Floor 6 West/Ouest  
Nepean, ON  
K2G 6J8

**RECEIVED**  
2024/09/17  
(YYYY/MM/DD)  
Ontario Heritage Trust

Attn: [REDACTED]

**Re: Notice of passage of By-law 2024-357 to designate Lemieux Island Water Purification Plant, 1 Onigam Street under Part IV of the *Ontario Heritage Act***

Ottawa City Council, at its meeting held on September 4, 2024 passed the following by-law:

2024-357     A by-law of the City of Ottawa to designate 1 Onigam Street to be of cultural heritage value or interest.

Please find enclosed a copy of the by-law, including the Statement of Cultural Heritage Value and Attributes, for the property.

Notice of the passage of By-law 2024-357 will be published online at [Ottawa.ca/heritagenotices](https://ottawa.ca/heritagenotices) on September 13, 2024.

Please be advised that any person who wishes to object to the by-law may do so by appeal to the Ontario Land Tribunal by giving the Tribunal and the Clerk of the City of Ottawa, within 30 days after the online publication of this notice, a notice of appeal setting out the objection to the by-law and the reasons in support of the objection.

The notice of appeal can be submitted via email to [CityClerk-HeritageObjections@ottawa.ca](mailto:CityClerk-HeritageObjections@ottawa.ca). The notice of appeal can also be submitted via registered mail or be delivered in person, by appointment, at the following coordinates:

Caitlin Salter MacDonald, City Clerk

Office of the City Clerk  
City of Ottawa  
110 Laurier Avenue West  
Ottawa, ON K1P 1J1  
[ottawa.ca](https://ottawa.ca)

Direct Line (613) 580-2424 Ext. 28136  
[caitlin.salter-macdonald@ottawa.ca](mailto:caitlin.salter-macdonald@ottawa.ca)

Bureau du greffier municipal  
Ville d'Ottawa  
110, ave. Laurier ouest  
Ottawa (Ontario) K1P 1J1  
[ottawa.ca](https://ottawa.ca)

Ligne directe (613) 580-2424 poste 28136  
[caitlin.salter-macdonald@ottawa.ca](mailto:caitlin.salter-macdonald@ottawa.ca)

c/o Mélanie Blais, Committee Coordinator  
110 Laurier Avenue West, Ottawa, Ontario K1P 1J1, mail code 01-71

To make an appointment, please contact Mélanie Blais, Committee Coordinator at (613) 580-2424, ext. 27005, or [melanie.blais@ottawa.ca](mailto:melanie.blais@ottawa.ca).

If no appeals are filed, By-law 2024-357 will come into force on October 13, 2024 and be registered on title. A copy of the registered by-law will be served on the Ontario Heritage Trust.

Should you require further information, please contact Anne Fitzpatrick directly at [Anne.Fitzpatrick@ottawa.ca](mailto:Anne.Fitzpatrick@ottawa.ca) or 613-580-2424 x 25651.

Regards,

A handwritten signature in black ink, appearing to read 'C. MacDonald', with a large, stylized initial 'C'.

Caitlin Salter MacDonald  
City Clerk

cc: Kirsty Walker, Built Heritage Research Coordinator, City of Ottawa (by email)  
Anne Fitzpatrick, Heritage Planner, City of Ottawa (by email)  
Registrar, Ontario Heritage Trust (by email to [registrar@heritagetrust.on.ca](mailto:registrar@heritagetrust.on.ca))

Encl.

BY-LAW NO. 2024 - 357

A by-law of the City of Ottawa to designate Lemieux Island Water Purification Plant, 1 Onigam Street, to be of cultural heritage value or interest.

WHEREAS the *Ontario Heritage Act*, R.S.O. 1990, c. O.18, as amended, authorizes the Council of a municipality to enact by-laws to designate real property, including all buildings and structures thereon, to be of cultural heritage value or interest;

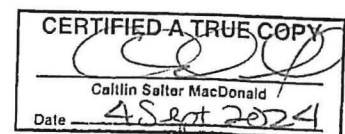
AND WHEREAS the Council of the City of Ottawa has caused notice of intention to designate to be served upon the owners of the lands and premises known municipally as 1 Onigam Street (more particularly described in Schedule "A" hereto), and upon the Ontario Heritage Trust, the said notice being published online on Ottawa.ca on July 19, 2024, as permitted by by-law 2002-522 as amended;

AND WHEREAS no notice of objection to the said proposed designation was served upon the Clerk of the municipality;

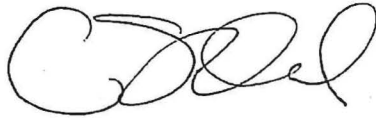
AND WHEREAS the statement of cultural heritage value or interest and description of heritage attributes reasons for designation are set out as Schedule "B" hereto;

THEREFORE the Council of the City of Ottawa, enacts as follows:

1. The real property known municipally as 1 Onigam Street, and more particularly described in Schedule "A" attached hereto, is hereby designated as being of cultural heritage value or interest.
2. The Statement of Cultural Heritage Value or Interest and Description of Heritage Attributes are set out as Schedule "B" hereto.
3. The City Solicitor is hereby authorized to cause a copy of this By-law to be registered against the property described in Schedule "A" hereto in the proper Land Registry office.
4. The City Clerk is hereby authorized to cause a copy of this By-law to be served upon the owners of the property described in Schedule "A", and upon the Ontario Heritage Trust, and to cause notice of this By-law to be published online on Ottawa.ca as permitted by by-law 2002-522 as amended.
5. The schedules attached hereto and marked Schedule "A" and Schedule "B" form part of this By-law, and all notations, references and other information contained therein shall be as much a part of this By-law as if all the matters and information set forth by the said Schedules were all fully described herein.



ENACTED AND PASSED this 4<sup>th</sup> day of September 2024.

A stylized, cursive handwritten signature in black ink, consisting of several loops and a long trailing stroke.

CITY CLERK

A handwritten signature in black ink that reads "Mark Sutcliffe" in a cursive script.

MAYOR

SCHEDULE "A"

PIN:  
040970068

Legal Description:  
PT LEMIEUX ISLAND\_LYING , IN FRONT OF LTS 37 & 38, CON AOF BEING PT 8  
5R5325 ; OTTAWA/NEPEAN

PIN:  
040970124

Legal Description:  
ISLAND G\_LYING , IN FRONT OF LOTS 35, 36 & 37 CON AOF ; OTTAWA/NEPEAN

## SCHEDULE "B"

### **Description of Property - Lemieux Island Water Purification Plant, 1 Onigam Street**

The Lemieux Island Water Purification Plant is a water treatment facility located on Lemieux Island in the Ottawa River, approximately two and a half kilometers west of Parliament Hill. The island is accessed by a bridge on the south shore of the Ottawa River, near the intersection of the Sir John A. Macdonald Parkway, Slidel Street and Onigam Street.

Lemieux Island is located within the traditional and unceded homeland of the Algonquin Anishinaabeg. The site is situated in the Kichi-Sibi, immediately south of the Quebec Ontario border, and is approximately two kilometers west of the Chaudière Falls and five kilometers west of the Pasapkedjiwanong (now known as the Rideau River). The historic core of the plant includes the Pumping Station, Chemical Building and Filter Building. The Pumping Station is a rectangular, two-and-a-half storey, flat-roofed, red brick industrial building constructed in 1917 and expanded in 1932. The Chemical Building is a single-storey building, with a four-storey tower, clad in red brick and limestone that was constructed in 1932. Constructed in 1932, the Filter Building is a four-storey building clad in limestone and red brick with a prominent north entrance.

### **Statement of Cultural Heritage Value or Interest**

The Lemieux Island Water Purification Plant has design value as an excellent example of an industrial complex influenced by popular architectural styles of the early 20<sup>th</sup> century. Constructed 1915-1917, the Pumping Station is constructed in a vernacular Romanesque Revival style with Classical Revival influences, as illustrated in its use of masonry, prominent round-arched arcade windows and pedimented main entrance. The Chemical Building and the Filter Building were both constructed in 1932 and illustrate the Art Deco Style which was popular in the 1920s and 1930s and often used in high-rises, commercial properties, banks and government buildings. The Art Deco influence in the Chemical Building is evident in the use of smooth finish building materials such as limestone blocks, vertical bands of stone that create a graphic pattern and carefully

defined proportions in the two rectangular towers. The ornate Filter Building showcases the Art Deco style on its interior and exterior and typical of the Art Deco style, the Filter Building features a symmetrical façade, prominent front entrance with recessed volumes, decorative motifs and geometrical patterns, bronze doors, and an overall emphasis on flat vertical linearism. The interior features materials commonly used in the Art Deco style, such as marble, terrazzo and bronze. The decorative design of the historic buildings on Lemieux Island reflects the prestige associated with public works buildings in the early 20<sup>th</sup> century.

The building has associative value as a representative work by Gore, Nasmith, and Storrie, a consulting engineering firm who was responsible for designing and building several major Canadian water treatment plants through the late 1920s and into the 1930s, including the Hamilton Water Filtration Plant (1933), the Glenmore Filtration Plant (Calgary, 1930-1933), and the R.C. Harris Water Treatment Plant (Toronto, 1932-1941).

The Lemieux Island Water Purification Plant has historical value for its association with the establishment of a water supply system in Ottawa. Following typhoid outbreaks in 1911-1912, which were caused by pollution in the city's water supply, the establishment of a clean water supply became a priority. At the time of its construction the plant had capacity to filter 35,000,000 gallons of water daily and was designed to accommodate future expansions that would allow for the ultimate capacity of 84,000,000 gallons. It was the first water treatment plant in Ottawa and it gave residents access to clean filtered drinking water, which reflects the progress of public health and sanitation in Ottawa during the mid-20<sup>th</sup> century.

The Lemieux Island Water Purification Plant has contextual value as a notable landmark because of its prominent location, large size and bold architectural detailing. The buildings are physically, functionally, and historically linked to their surroundings along the Ottawa River as a water treatment facility that has remained in use since its construction. The Lemieux Island Water Purification Plant is an integral component in a



grouping of historical infrastructure along the Ottawa River that includes the Hintonburg Pumping Station, the Fleet Street Pumping Station and its aqueduct, and the ring dam at Chaudière falls. Together, these pieces of historic infrastructure form an industrial cultural heritage landscape treatment along this portion of the Ottawa river.

## **Description of Heritage Attributes**

### **Pumping Station**

The following attributes reflect the cultural heritage value of the Pumping Station as a good example of a vernacular Romanesque Revival design with Classical Revival influences applied to an industrial building:

- Two-and-a-half-storey massing
- Flat-roof
- Red brick cladding
- Symmetrical elevations
- Projecting metal cornice
- Eight round-arched windows on the north façade; three on the south façade, with three square windows above each
- Original main entrance at western façade with:
  - Stone, neo-classical portico
    - Triangular arched pediment
    - Plain tympanum and entablature
    - Four plain columns with Tuscan capitals
  - Large, round-arched window above entrance
  - Decorative marble panels
  - Seven small, square windows below cornice
- Round-arched entrance on east façade

The interior of the building is not included in the designation.

### ***Chemical Building (1932)***

The following attributes reflect the cultural heritage value of the Chemical Building as an excellent example of Art Deco design applied to an industrial building:

- Single-storey base
- Limestone cladding
- Four-storey tower with:
  - Two vertical masses
  - Hipped roof on main tower
  - Red brick cladding on main tower
  - Flat roof on lower tower
  - Alternating vertical bands on lower tower of limestone and red brick
  - Three centred, symmetrical, vertical, thin windows per façade
  - Square muntin patterns
  - Limestone stringcourses on both towers
  - Limestone diamond designs

The interior of the building is not included in the designation.

### ***Filter Building***

The following attributes reflect the cultural heritage value of the Filter Building as an excellent example of Art Deco design applied to an industrial building:

- Four-storey building
- Limestone and red brick cladding
- Copper roof
- Symmetrical front elevation with:
  - A prominent central window with grid mullions
  - A vertical rectangular massing, flanked by two recessed limestone pilasters and brick piers
  - A bas relief sculpture on the cornice and upper portion of pilasters
  - The presence of bronze doors of main entrance with geometric designs
  - Limestone first storey with three entrances and two small windows
- Bronze light fixtures

- Decorative stone detail over main entrance
- Narrow rectangular windows in the brick piers

The Filter Building features interior elements that embody the Art Deco style. The notable interior elements are primarily located in the filter gallery, and include:

- Interior Hauteville marble walls
- Roman Travertine flooring
- Marble double return stairway
- Brass railings
- Projecting marble cabinet with commemorative bronze plaque
- Operating gallery indicator and automatic signal lights
- Rosetta marble panel in filter gallery that conceals the heating units
- Italian valtournanche marble table with bronze loss of head and rate of flow instrument case
- Decorative pilasters
- Elevator, with brass cab
- The landscaped area to the west of the building notably the pond, stone retaining wall, and plantings.

The remainder of the interior of the building is excluded from the designation.

Later additions to the building are not included.

BY-LAW NO. 2024 - 357

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A by-law of the City of Ottawa to designate  
Lemieux Island Water Purification Plant, 1  
Onigam Street, to be of cultural heritage  
value or interest.

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Enacted by City Council at its meeting of  
September 4, 2024.

-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-

LEGAL SERVICES  
GS/LA

COUNCIL AUTHORITY:  
City Council July 10, 2024  
Agenda Item 13.7  
(Built Heritage Committee Report No. 16)