Onondaga County Department of WATER ENVIRONMENT PROTECTION

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PROCEDURES FOR THE ACCEPTANCE OF WASTEWATER FROM MASONRY RESTORATION PROJECTS

The procedures detailed below apply to all restoration projects involving the cleaning of any exterior building surface with water and/or cleaning products which would be discharged either directly or indirectly to the County Sanitary Sewer System. The term "exterior building surface" applies to any building surface, either vertical or horizontal, which it is proposed to clean or refurbish in this manner. This shall include, but is not limited to, brick or concrete masonry unit (CMU) walls, exterior insulation finish systems (EIFS), stone facades (i.e. granite, marble), and concrete surfaces. All requirements outlined herein must be met prior to the issuance of a permit, from this office, for the discharge of wastewater from masonry restoration projects to the Onondaga County Sanitary Sewer System.

1. The masonry restoration contractor (hereafter called the "Contractor") shall notify in writing the Onondaga County Department of Water Environment Protection (hereafter called the "Department") 10 business days prior to the beginning of the masonry restoration project (hereafter called the "Project").

2. All written notification shall be provided on the attached "Masonry Restoration Project Notification/Permit Application" form. Complete all areas of this form as accurately as possible. Please provide the following information:

   - Full name, address and telephone number of Contractor who shall be performing the work for this Project.

   - Full name and address of the Project. Include the name and telephone of the authorized representative for the Project.

   - Full name of Contractor's site representative for the duration of the Project.

   - Description of the Project to include: date Project is to begin; duration of Project; type and square feet of masonry to be restored; and type of cleaning products to be used during the Project.

   - A site map which shows the location of the Project with respect to roads, buildings, and other major landmarks. This shall also include the proposed discharge location of the contained wash water into the County Sanitary Sewer System.

- A detailed description of the water containment/filtration procedures, which shall be utilized in order to prevent wash water from being discharged to the sanitary sewer, untreated.

- The Material Safety Data sheets (MSDS) for all chemical agents, which shall be used in conjunction with the Project.

3. The Contractor shall remit a project permit fee of $200.00 to the Department along with the completed notification/permit application form. A check or money order for the full amount shall be made out to Onondaga County Department of Water Environment Protection, attention Bonnie Karasinski, Fiscal Officer. Should the application be rejected, the permit fee shall be returned to the Contractor.

4. An inspection of the Project site by an authorized representative of the Department must be performed prior to the issuance of a discharge permit. At the time of the inspection, the contractor shall demonstrate to the engineer the proposed method for cleaning the masonry surface. The demonstration shall involve cleaning a sample area using the proposed method. The sample area shall be a 2-foot by 2-foot square area of the surface to be cleaned. The wash water from the demonstration shall be collected and stored in containers by the contractor until permission is received by this office to discharge it to the County Sanitary Sewer System. The contractor shall provide Safety Data Sheets (SDS) for the cleaners which are intended to be used. A discharge location of the wastewater shall be discussed at the time of the inspection.

5. The contractor shall collect a sample of the wash water for analysis by their contract laboratory. The contract laboratory shall be a New York State Department of Health certified facility. The sample shall be collected and analyzed in accordance with the methodologies detailed in USEPA 40 CFR 136. The minimum parameters for analysis are found in Table 1. This Department reserves the right to require the contractor to have the sample analyzed for additional parameters other than those listed in Table 1. A copy of the laboratory analysis results, including chain of custody documents, shall be submitted to this office prior to the issuance of a discharge permit.

Table 1 - Onondaga County Discharge Limits

Parameter	Limit
Total Lead (Pb)	1.5 mg/l
Total Zinc (Zn)	7.5 mg/l
pH	5.5 - 10.5 S.U.

6. This Department reserves the right to deny the discharge, or require the contractor to pretreat the wash water prior to discharge, if either the analytical results or SDS information indicate a wastewater pollutant concentration in excess of Onondaga County limits, or

contain components that would interfere with the normal treatment plant operation. It shall be the contractor's responsibility to pretreat the wash water, if required, such that pollutant concentrations are reduced to below County limits.

7. When performing the masonry wash, all wash water is to be captured. The contractor may capture this wash water by affixing plastic sheeting to the side of the building below the project area. The sheeting shall drain the wash water into troughs at the base of the project. The collected wash water shall then be pumped through a filter prior to discharging to the sanitary sewer. The filter shall have a maximum pore size of 25 microns (25μm) openings. The rate of discharge shall not exceed 10 gallons per minute. Any scums or sludges in the troughs must be disposed of in accordance with all applicable regulations at an approved facility other than the Onondaga County Wastewater Treatment Facilities. In addition, the plastic sheeting and any other devices used in the collection of the wash water must be disposed of in accordance with all applicable regulations.

8. This office reserves the right to discontinue acceptance of the discharged wash water at any time due to collection system problems including, but not limited to, safety considerations, weather considerations, or other emergency situations.

9. This Department requires a flow meter for unmetered water sources. In addition, unmetered water sources will be assessed a treatment fee equal to the unit charge rate.

10. This Department reserves the right to conduct random site inspections, including collecting samples of the collected wash water, at any time during the project operations to ensure compliance with these procedures and the conditions set forth in the contractor's permit to discharge.

11. The Contractor shall submit written notification to the Department of the completion of the Project. Notification shall be within seven calendar days of the completion of the project.

Failure to comply with the conditions detailed herein shall subject the permittee to enforcement violations of up to $1,000.00 for each violation as detailed in Article VII of the County Rules and Regulations Relating to the Use of the Public Sewer System.

MASONRY RESTORATION PROJECT NOTIFICATION/
PERMIT APPLICATION

A. **Masonry Restoration Contractor**:

Name: _____

Street Address: _____

Mailing Address: _____

City: _____ State: _____

Zip Code: _____ Telephone Number: (____) _____ - _____

Project Supervisor: _____

B. **Masonry Restoration Project Location:**

Name: _____

Street Address: _____

City: _____ State: _____

Zip Code: _____ Telephone Number: (____) _____ - _____

Authorized Site Representative: _____

C. **Project Description:**

Starting Date: _____

Duration: _____

Type of masonry to be restored: _____

Square feet of masonry to be restored:

_____

Type of Cleaning Products to be used: _____

_____

C. **Project Description (continued)**

Provide a description of the water containment procedures utilized to prevent untreated wash water from entering the County Sanitary Sewer System: _____

_____

_____

_____

Include with this notification a location map, which shows the location of this project in relation to streets, buildings and other major landmarks, along with the proposed wash water discharge location(s) to the County Sanitary Sewer System.

Include with this notification a copy of the Material Safety Data Sheets (MSDS) for all chemical agents, which shall be utilized on this project and may be discharged to the County Sanitary Sewer System.

Statement of Certification: "I understand that wastewater from the above project may not be discharged to the Onondaga County Sanitary Sewer System prior to the receipt of an Onondaga County "Masonry Restoration Wastewater Discharge Permit". Failure to comply with the Onondaga County "Procedures for the Acceptance of Wastewater from Masonry Restoration Projects" or the "Rules and Regulations Relating to the Use of the Public Sewer System" may result in the imposition of fines or penalties of up to $1,000.00 per day per violation."

Signature of Authorized Representative: _____

Typed or Printed Name: _____

Company: _____

Date: _____

For OCDWEP Use Only	
Date Notification Received:	
Date Permit Issued:	
Date of Project Inspection:	
Permit Fee Received:	
Permit Number:	