



WATER QUALITY MANAGEMENT PERMIT

<p>A. PERMITTEE (Name and Address): M&G Realty Inc. 2100 North George Street York, PA 17404</p>	<p>CLIENT ID#: 322121</p> <p>B. PROJECT/FACILITY (Name): Rutters #92</p>			
<p>C. LOCATION (Municipality, County): Maxatawny Township, Berks County</p>				
<p>D. This permit approves the construction and operation of industrial wastewater facilities consisting of:</p> <p style="padding-left: 40px;">An underground injection well for the disposal of drinking water treatment residuals from an onsite water softener, reverse osmosis water filtration system and chlorine monitoring system</p>				
<p>Pump Stations: _____ Design Capacity: 25 GPM</p>	<p>Manure Storage: Volume: _____ MG Freeboard: _____ inches</p>	<p>Industrial Wastewater Treatment Facility: Annual Average Flow: 0.0045 MGD Design Hydraulic Capacity: _____ MGD Design Organic Capacity: _____ lbs/day</p>		
<p>E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. New Permits: All construction, operations and procedures shall be in accordance with the Water Quality Management Permit application dated <u>November 22, 2021</u> (received by DEP <u>December 8, 2021</u>), its supporting documentation and addendums received <u>December 20 and December 22, 2021</u>, which are hereby made a part of this permit. 2. Permit Conditions Relating to Industrial Wastewater are attached and made part of this permit. 3. Special Conditions A - O are attached and made part of this permit. 				
<p>F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:</p> <ol style="list-style-type: none"> 1. If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply. 2. Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit. 3. This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 et seq. Issuance of this permit shall not relieve the permittee of any responsibility under any other law. 4. This permit shall expire five years from the effective date. The permittee shall submit an application to renew the permit no later than 180 days prior to the permit expiration date. 				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>PERMIT ISSUED: <u>January 25, 2022</u></p> <p>PERMIT EFFECTIVE: <u>February 1, 2022</u></p> <p>PERMIT EXPIRATION: <u>January 31, 2027</u></p> </td> <td style="width: 50%; vertical-align: top;"> <p>BY: <u>Maria D. Bebenek</u> Maria D. Bebenek, P.E.</p> <p>TITLE: Clean Water Program Manager</p> </td> </tr> </table>			<p>PERMIT ISSUED: <u>January 25, 2022</u></p> <p>PERMIT EFFECTIVE: <u>February 1, 2022</u></p> <p>PERMIT EXPIRATION: <u>January 31, 2027</u></p>	<p>BY: <u>Maria D. Bebenek</u> Maria D. Bebenek, P.E.</p> <p>TITLE: Clean Water Program Manager</p>
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO INDUSTRIAL WASTEWATER
For use in Water Quality Management Permits

(Check boxes that apply)

General

- 1. **The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.**
- 2. All relevant and non-superseded conditions of any prior Water Quality Management Permits, decrees or orders issued to the permittee or his predecessor shall be continued in full force and effect and together with the provisions of this permit shall apply to his successors, lessees, heirs and assigns.
- 3. The responsibility for implementing the conditions of this permit shall rest upon the owner, lessee, assignee or other party in responsible managerial charge of the operation producing the wastewaters and waste treatment facilities. Transfer of a permit to a new owner shall not be effective until said transfer has been executed and filed on forms provided by DEP and DEP approved the transfer.
- 4. The permittee shall secure any necessary permission from the proper federal authority for any outfall or industrial waste treatment structure which discharges into or enters navigable waters and shall obtain a separate permit for any stream crossing, encroachment or change of natural stream conditions within the jurisdiction of DEP.
- 5. When construction of the approved facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.
- 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 5 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the fifth anniversary of the permit date.
- 7. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in the NPDES Permit and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.
- 8. Nothing herein shall be construed to be an intent on the part of DEP to approve any present or future act by the permittee, inconsistent with the permittee's lawful powers or with existing laws of this Commonwealth regulating industrial wastes and the practice of professional engineering. This permit shall not be construed to sanction any act otherwise forbidden by any of the laws of the Commonwealth of Pennsylvania or of the United States.

Construction

- 9. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.
- 10. The facilities shall be constructed under expert engineering supervision and competent inspection, in accordance with plans, designs and other data as herein approved or amended and with the conditions of this permit.
- 11. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using the "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.

- 12. The DEP office that issued this permit must be contacted during construction if significant changes are proposed to the approved facilities. Significant changes include, but are not limited to changes to the type(s) of process(es) used for treatment and changes to the design capacities of tanks, impoundments, and conveyance structures or equipment by more than 5% of the original design. For projects involving PENNVEST funding, all changes should be discussed with the DEP project manager prior to implementation. DEP may require the submission of an application to amend this permit. All changes shall be documented in an attachment to the Post Construction Certification form.
- 13. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the local Waterways Conservation Officer must be notified when explosives are to be used.

Operation and Maintenance

- 14. **If at any time the industrial waste facility or its discharge creates a public nuisance, or such discharge is causing or contributing to pollution of the waters of this Commonwealth, the permittee shall immediately adopt remedial measures acceptable to DEP.**
- 15. The permittee shall maintain records of "as-built" plans showing all the facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.
- 16. To ensure operational efficiency and protect the waters of this Commonwealth, the permittee shall maintain skilled operators at all times.
- 17. **No stormwater, sewage or other industrial wastes not specifically approved herein shall be admitted to the facilities for which this permit is issued.**
- 18. These industrial waste facilities shall be operated and maintained to perform as designed. In order to ensure the efficiency and proper maintenance of the facilities, the permittee shall make periodic inspections to detect any impairment of structural stability, adequate capacity or other requisites which might impair the effectiveness of the approved facilities.
- 19. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 287, 288, 291, 297 and 299 (related to permits and requirements for land filling, land application, incineration and storage of industrial sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.



SPECIAL CONDITIONS
 Water Quality Management Permit No. 0621203
 M&G Realty Inc.

- A. Reverse Osmosis membrane cleaning water that includes chemicals is prohibited from being disposed in the injection well.
- B. Subsurface Disposal

The permittee shall analyze the influent wastewater for the following parameters and report the results to DEP on a monthly basis:

Parameter (units)	Instantaneous Minimum	Daily Maximum	Instantaneous Maximum	Minimum Monitoring Frequency	Sample Type
Flow (mgd)	-	Report	-	Weekly	Measured
pH (s.u.)	Report	-	Report	Weekly	Grab
Total Dissolved Solids* (mg/l)	-	-	Report	Monthly	Grab
Total Residual Chlorine (mg/l)	-	-	Report	Monthly	Grab

* *Total Dissolved Solids* means the total dissolved (filterable) solids as determined by use of the method specified in 40 CFR Part 136.

C. Sampling and Record-Keeping

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:
 - a. The exact place, date, and time of sampling or measurements.
 - b. The person(s) who performed the sampling or measurements.
 - c. The date(s) the analyses were performed.
 - d. The person(s) who performed the analyses.
 - e. The analytical techniques or methods used; and the associated detection level.
 - f. The results of such analyses.
3. Analysis of environmental samples for purposes of permit monitoring or permit applications shall be in compliance with laboratory accreditation requirements of Act 90 of 2002 (27 Pa. C.S. § 4101-4113) and 25 Pa. Code Chapter 252, relating to environmental laboratory accreditation.
4. Unless otherwise specified in this permit, the test procedures for the analysis of pollutants shall be those approved under 40 CFR 136 (or in the case of sludge use or disposal, approved under 40 CFR 136, unless otherwise specified in 40 CFR 503), or alternate test procedures approved pursuant to those parts, unless other test procedures have been specified in this permit.
5. Except for records of monitoring information required by this permit related to the permittee's sludge use and disposal activities, which shall be retained for a period of at least five years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation, if used, and calibration and maintenance records), copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained by the permittee for three years from the date of the

sample measurement, report, or application. The three-year period shall be extended as requested by DEP or the EPA Regional Administrator.

D. Reporting of Monitoring Results

1. The permittee shall use DEP's electronic Discharge Monitoring Report (eDMR) system to report the results of compliance monitoring under this permit (see www.dep.pa.gov/edmr). Permittees shall submit the necessary registration and trading partner agreement forms to DEP's Bureau of Clean Water (BCW) within 30 days of the effective date of this permit and begin using the eDMR system when notified by DEP's BCW to do so.
2. Submission of a physical (paper) copy of a Discharge Monitoring Report (DMR) is acceptable under the following circumstances:
 - a. For a permittee that is not yet using the eDMR system, the permittee shall submit a physical copy of a DMR to the DEP regional office that issued the permit, whose address is shown below, during the interim period between the submission of registration and trading partner agreement forms to DEP and DEP's notification to begin using the eDMR system.

DEP – Clean Water Program
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110-8200

- b. For any permittee, as a contingency a physical DMR may be mailed to the DEP regional office that issued the permit if there are technological malfunction(s) that prevent the successful submission of a DMR through the eDMR system. In such situations, the permittee shall submit the DMR through the eDMR system within 5 days following remedy of the malfunction(s).
3. DMRs must be completed in accordance with DEP's published DMR instructions (3800-FM-BCW0463). DMRs must be received by DEP no later than 28 days following the end of the monitoring period. DMRs are based on calendar reporting periods. Monthly DMRs must be received by DEP within 28 days following the end of each calendar month. Quarterly DMRs, if applicable, must be received by DEP within 28 days following the end of each calendar quarter, i.e. January 28, April 28, July 28, and October 28.
4. The permittee shall complete all Supplemental Reporting forms (Supplemental DMRs) attached to this permit, or an approved equivalent, and submit the signed, completed forms as attachments to the DMR, through DEP's eDMR system. DEP's Supplemental Laboratory Accreditation Form (3800-FM-BCW0189) must be completed and submitted to DEP with the first DMR following issuance of this permit, and anytime thereafter when changes to laboratories or methods occur.
5. The completed DMR Form shall be signed and certified by the following applicable persons:
 - For a corporation - by a principal executive officer of at least the level of vice president, or an authorized representative, if the representative is responsible for the overall operation of the facility;
 - For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - For a municipality, state, federal or other public agency - by a principal executive officer or ranking elected official.

If signed by a person other than the above and for co-permittees, written notification of delegation of DMR signatory authority must be submitted to DEP in advance of or along with the relevant DMR form.

6. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods more frequently than the permit requires, the results of this monitoring shall be incorporated, as appropriate, into the calculations used to report self-monitoring data on the DMR.

E. Planned Changes to Facility or Waste Stream

The permittee shall provide notice to DEP as soon as possible but no later than 45 days prior to any planned changes if the changes would include new pollutants in the wastewater or an increase in wastewater flow from the previous permit application. The permittee shall provide information on the impact of the planned changes. DEP will determine if the submission of a new application and receipt of a new or amended permit is required and will inform the permittee of their determination.

F. Potential Pollution Reporting

The permittee shall immediately report to DEP any incident causing or threatening pollution to waterways or to groundwater beyond their site boundary or which would damage property beyond their site boundary if the permittee becomes aware of such an incident or threat.

G. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment.

H. Duty to Provide Information

1. The permittee shall furnish to DEP, within a reasonable time, any information which DEP may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit.
3. Other Information - Where the permittee becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in a permit application or in any report to DEP, it shall promptly submit the correct and complete facts or information.

I. Termination

If the permittee will no longer require coverage under this permit, the permittee shall notify DEP. If wells are no longer needed, they must be properly decommissioned in accordance with all state guidelines, regulations, and Acts.

J. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to the Clean Streams Law.

Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities or penalties to which the permittee is or may be subject to under the Clean Streams Law.

K. Right of Entry

Pursuant to Pennsylvania's Clean Stream Law, the permittee shall allow authorized representatives of the Department of Environmental Protection upon the presentation of credentials and other documents as may be required by law:

1. To enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit.
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit.

4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by The Clean Streams Law, any substances or parameters at any location.

L. Transfer of Permit

If there is a change in ownership of this facility, an application for transfer of permit must be submitted to DEP. A permit may be transferred to a new owner or operator only if the permit has been modified, or revoked and reissued, or a minor modification made to identify the new permittee and incorporate such other requirements as may be necessary.

M. Duty to Reapply

If the permittee intends to continue to operate the facility past the permit's expiration date, the permittee must apply for a new permit at least 180 days before the expiration date.

N. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege.

O. Other Laws

The issuance of this permit does not authorize any injury to persons or property or invasion of other private rights, or any infringement of state or local law or regulations.

3800-PM-WSFR0179a 9/2005
Post Construction Certification



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

**WATER QUALITY MANAGEMENT
POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER

Permittee	M&G Realty Inc.
Municipality	Maxatawny Township
County	Berks
WQM Permit No.	0621203
Facility Type	Industrial Waste

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

<p>Engineer's Seal</p>	Professional Engineer
	Name _____ (Please Print or Type)
	Signature
	Date
	License Expiration Date
	Firm or Agency
	Telephone
	Permittee or Authorized Representative
	Name _____ (Please Print or Type)
	Signature
	Title
	Telephone