

ERIE COUNTY DEPARTMENT OF HEALTH
DIVISION OF PUBLIC HEALTH LABORATORIES AND ENVIRONMENTAL HEALTH
OFFICE OF ENVIRONMENTAL HEALTH SERVICES

DESIGN AND PLAN REVIEW REQUIREMENTS

This Summary of Submittal Requirements for Plan Review Covers the Following Types of Plan Reviews (For Private Sewage plans, please see separate private sewage document):

1. Public Water Supplies
2. Sanitary Sewers
3. Sanitary Sewer Service Connections > 2500 gpd
4. Realty Subdivisions
5. Swimming Pools, Whirlpool/spas and Bathing Beaches

1.0 **Public Water Supplies:** Approval is required for any new water supply (source), changes or additions to existing water treatment facilities, and any extensions or replacements of distribution system lines. Note: New groundwater supplies in excess of 20 gallons per minute, and new or expanded surface water supplies must be approved by the New York State Department of Environmental Conservation (NYSDEC).

1.1 Requirements:

- 1.1.1 A completed DOH-348 Form – Application for Approval of Plans for Public Water Supply Improvement (original).
- 1.1.2 One Engineers Report, including construction specifications.
- 1.1.3 One initial review set of plans and then 3 sets of final construction plans, signed with original P.E. stamp.
- 1.1.4 Review fee check for \$226.00 payable to the Erie County Commissioner of Finance. ***Any project received without the proper application and review fee will not be reviewed.***
- 1.1.5 Any project that is federally funded must be submitted to the New York State Department of Health, Bureau of Water Supply Protection for review and approval. One copy of the plans and engineer's report should be submitted to this Department for review (no fees required).

Please Note: Although form DOH-348 states that three sets of plans, 3 sets of specifications and an engineer's report be submitted we request that you submit only one set of plans, the section of the specifications that relates to water line hydrostatic testing and disinfection procedures, and the engineer's report for review to this Department.

1.2 Reference requirements:

- 1.2.1 New York State Sanitary Code – Part 5.
- 1.2.2 Recommended Standards for Water Works, 2002, Water Supply Committee of the Great Lakes.
- 1.2.3 New York State Sanitary Code – Appendix 5-B and 5-D.
- 1.2.4 American Water Works Association Standards (AWWA).

1.3 Construction Project Completion Requirements:

1.3.1 Completed Works Approval – Before placing any approved project into service, the following items must be submitted to the responsible public water supplier in order for the Erie County Health Department to issue Completed Works Approval to the public water supply.

1.3.1.1 Certificate of Construction Compliance – form must be signed by Licensed Professional Engineer responsible for inspecting the construction.

1.3.1.2 Bacteriological Sampling Results – A sample location plan must be provided, field tests for chlorine residual before and after flushing should be made and recorded for each sampling location, and the residual level should not exceed the background level in the distribution system.

1.3.1.3 Hydrostatic Test Results

1.3.2 Once the public water supplier approves the project to be placed into service for the entire project, form ECDOH – PWS- 103-04/04 must be submitted to this Department with copies of the hydrostatic test results and all bacteriological results. A final Completed Works Approval will be issued once review of all submitted information is completed by this Department.

2.0 Sanitary Sewers: Approval is required for all projects involving an extension or replacement of existing municipal, sewer district or sewer works corporation collection systems. Approval is also required for private sewerage facilities serving condominiums, which include ownership of all, or a portion of the land under the condominium(s).

2.1 Requirements:

2.1.1 A complete review package includes at a minimum the following:

2.1.1.1 Application for Approval of Plans for a Wastewater Disposal System.

2.1.1.2 A check for the plan review fee of \$300 per project (includes first six lots) plus \$50 per new lot or lateral greater than six. ***Any project received without the proper application and review fee will not be reviewed.***

2.1.1.3 One signed and stamped engineering plans with location map for review. The number of final sets will vary.

2.1.1.3.1 Typically for projects located within or tributary to an Erie County Sewer District, **THREE** sets of the above are to be submitted to Erie County Department of Environment and Planning-Division of Sewerage Management. One set of the application package will then be sent to the ECHD for coordinated review. Please note: Any information pertaining to the downstream sewer capacity, SEQR compliance, regulatory permits and water portions of the project must be included within the engineer's report for Sewerage Management to forward to this Department.

2.1.1.4 One engineering report.

2.1.1.5 One BMW-65 Form (92-15-8) – Project Data for Sewage and Waste Treatment Systems, Technical Review of Plans/Specifications.

- 2.1.1.6 Detailed downstream routing of sewers and a brief narrative, and applicable downstream sewer capacity documentation (either owner letters or information).
- 2.1.1.7 Documentation substantiating SEQRA compliance.
- 2.1.1.8 Regulatory permits (i.e. Protected Stream, Water Quality Certification).

2.2 Review Requirements:

- 2.2.1 Ten State Standards, “Recommended Standards for Wastewater Facilities”

2.3 Construction Completion:

- 2.3.1 Written certification from a professional engineer documenting that the sanitary sewers were constructed in accordance with the approved plans, including results of all leakage and deflection tests.

3.0 Sanitary Sewer Service Connections >2500 gpd: Approval is required for all projects involving a service connection to an existing municipal, sewer district or sewer works corporation collection system that has a daily flow rate of greater than 2500 gallons per day.

4.0 Realty Subdivisions: Approval required for realty subdivisions as defined by Public Health Law – Section 1115 to 1120

4.1 Requirements

- 4.1.1 A completed GEN-157 form (original), Application for Approval of Sanitary Facilities for Realty Subdivision.
- 4.1.2 Review fee check, payable to Commissioner of Finance in the amount of \$25.00 per lot. ***Any project received without the proper application and review fee will not be reviewed.***
- 4.1.3 One paper print of the subdivision map cover, signed with original P.E. stamp. Any additional prints or mylars of the map cover that may be required for other agencies should also be submitted.
- 4.1.4 Copy of the approval paperwork for the sanitary sewers or individual site wastewater treatment.
- 4.1.5 Copy of the approval paperwork for the water supply.
- 4.1.6 For realty subdivision development (any residential development where land is sold to each unit owner) containing “common ground” and utilizing common private utilities (i.e. private waterlines and sanitary sewers), a Homeowners Association Offering Plan must be included that meets DEC requirements for sanitary facility repairs and must be accepted by the State of New York Attorney General’s Office.

* Please note on the submittal if the project is a Re-stamp only and the reason for the re-stamp.

* If any of the above items are missing from the submittal it may cause a significant delay in the review and approval of the project.

4.2 Review References:

- 4.2.1 New York State Sanitary Code – Part 74
- 4.2.2 Public Health Law, Sections 1115 to 1120

5.0 **Swimming Pools, Bathing Beaches and Whirlpools/Spas** – Approval required for any new facility or any equipment additions or changes to an existing facility.

5.1 Requirements:

- 5.1.1 A completed GEN – 134 form (original), Application for Approval of Plans and Specifications for Construction or alterations to an artificial swimming pool and appurtenances.
- 5.1.2 One Engineer's Report (DOH – 1309 form, Engineering Report for Swimming Pool Plans, specifications including a copy of pump performance curves and manufacturer's equipment brochures.
- 5.1.3 One set of construction plans for review. 3 sets of construction plans will be required for final approval.
- 5.1.4 Review fee for \$300.00 made payable to the Commissioner of Finance.
Any project received without the proper application and review fee will not be reviewed.

5.2 Review References:

- 5.2.1 New York State Sanitary Code – Part 6

5.3 Construction Completion:

- 5.3.1 Certificate of Construction Compliance by licensed professional engineer or architect that the pool facilities were constructed in accordance with approved plans.

Please note any submittal received without the application and/or review fee check will not be reviewed. Review will only be started when the application and review fee check have been received

Copies of all applications mentioned above are available on our website at www.erie.gov/health (coming soon).

Requests for copies of review references or questions about specific review procedures can be answered by calling, emailing to caseyt@erie.gov or writing to:

Erie County Health Department
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