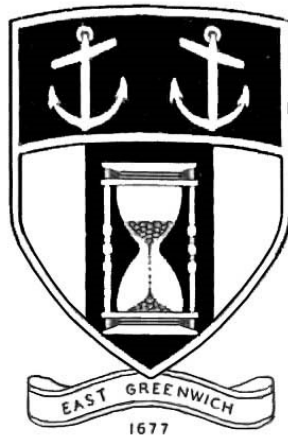


Town of East Greenwich
Department of Public Works



PROUDLY SERVING THE COMMUNITY SINCE 1948

Department of Public Works



The East Greenwich Department of Public Works was officially created on January 29, 1948. Since that time, the DPW has grown in size, complexity and capabilities keeping on pace with the ever growing needs of an expanding community. Although personnel and technologies continue to change in response to ever increasing demands, the one constant that remains is the responsiveness demonstrated by the DPW employees, and the desire to provide the highest level of service to all residents and members of the business community.

The Department of Public Works consists of six separate divisions which include;

- Building Inspections and Zoning
- Building Maintenance
- Engineering
- Highway Division
- Sanitation
- Wastewater Treatment



BUILDING INSPECTIONS AND ZONING



Ernie Marinaro – Building Official / Zoning Official

Vacant Position – Building Inspector

John T. Almeida – Electrical Inspector

John M. Counts, Sr. – Mechanical / Plumbing Inspector

The division of Building Inspections and Zoning is mainly responsible for ensuring compliance with the Rhode Island State Building Codes, as well as the East Greenwich Zoning Ordinance. The vast majority of duties consist of reviewing permit applications for building construction / renovation projects, issuing the required permits and conducting the inspections to determine conformance with the provisions of the applicable codes. In addition to enforcing the Building Codes, this division also regulates the town's Zoning Ordinance as it pertains to both residential and commercial properties.

On a daily basis, representatives of the Building Inspections and Zoning division respond to various inquiries as they relate to proposed developments and the rules and regulations which must be followed. Questions range from residents wanting to install storage sheds in their yards, to major commercial projects.

Personnel from this division have acted on the Town's behalf in many larger scale projects such as the addition to the Public Library addition/renovation as well as the newly completed Police Facility. The Building Department personnel have also been largely involved in the planning for the Swift Gym/Senior Center renovation projects.

This department is also responsible for enforcing the State Minimum Housing Code. The purpose of this code is to protect the public health, safety and welfare by establishing minimum standards which govern the condition and maintenance of all residential dwelling structures. The enforcement of these standards ensures that residents of the Town are ensured safe and sanitary living conditions, regardless of their financial status.

Also under this division's jurisdiction is the implementation of the Stormwater Pollution Prevention Ordinance, which regulates all land disturbing activities. Plans for new residential or commercial construction as well as the development of new roadways must first be reviewed to determine proposed compliance methods, which are then followed by site inspections to verify the installation of the required erosion control components. The purpose of these regulations is to prevent and monitor illicit discharges into the Town's stormwater and natural water systems.



BUILDING MAINTENANCE

Charles R. Philips – Building Maintenance Foreman

Alan Clay – Custodian

Vacant Position – Custodian

The Building Maintenance personnel are responsible for maintaining town owned buildings which include;

- Town Hall
- DPW Offices
- Recreation Offices (Old Frenchtown School)
- Police Station
- Swift Community Center
- Fire Stations 1 and 2
- Highway Garage
- Parks & Grounds
- Waste Water Treatment Facility

The maintenance staff also performs carpentry and painting services to the various town facilities including:

- All town the buildings
- Town docks
- Built dingy racks for Cove Commission
- Fencing along town properties
- Structural and cosmetic repairs and modifications to the Happy Hearts Daycare Facility
- Constructed sheds at various town sites
-

They also assist the Highway Division with snow plowing operations and the Mosquito Abatement Program in June, July and August.

HIGHWAY DIVISION

James Fogel – Highway Superintendent

David Shoegran– Foreman

Carl Iadaluca – Foreman

The Highway Division is both the largest and most publicly visible component within the DPW. It is the Highway Division personnel who maintain the town's infrastructure by completing such tasks as;

- Snow removal and sanding of town roads and town owned parking areas (including the school and fire department facilities)
- Roadway and sidewalk maintenance and improvements
- Vegetation control, including the removal of trees along roads to maintain visibility and along sidewalk areas to insure safe pedestrian access
- Sweeping of all Town Roads
- Maintaining the downtown section of Main Street throughout the year including; snow removal from sidewalks and streets, emptying trash receptacles, watering the lantern hung flowers and sweeping the street twice monthly.
- Cleaning and maintenance of stormwater drainage systems.
- Construction of various recreation facilities in Town
- Assist the building maintenance staff with carpentry and painting projects town facilities
- Repairs and construction of Town docks
- Construction and repairs of drainage swales, structures, etc.

Highway personnel are also responsible for maintaining and repairing the extensive fleet of town vehicles (including police, school, fire, parks & ground and administration vehicles) and equipment.



ENGINEERING DIVISION



Joseph C. Duarte, P.E. – Director of Public Works / Town Engineer

Mark Conboy, P.E. – Assistant Town Engineer

Fred M. Gomes – Special Projects Coordinator

Peter Bamberry – Special Projects Coordinator

The Engineering Division provides engineering support to all town departments, prepares plans, specifications and bid documents for a wide range of town projects. They are responsible for reviewing and approving plans submitted for various projects as they relate to the construction of new subdivisions and commercial developments. The staff also conducts inspections of such improvements to insure compliance with established standards.

The engineering staff has been responsible for the oversight of various significant capital projects. These include the sewer expansion program (east of Rt. 2), Waste Water Treatment Facility upgrades and the addition of a tertiary treatment system (denitrification process), reduction of inflow/ infiltration into the sanitary sewer system, roadway paving and reconstruction projects, storm drainage projects, town docks, landfill closure, Swift Community/ DPW improvements, Fire Station 1 concrete floor and various Recreation facilities.

Another significant function conducted by engineering staff is the preparation of bid specifications and construction documents for major purchases and construction projects.

Additionally, the engineering staff prepare, modify and update town maps including Assessor's Plat maps and official Zoning and street maps. The town has implemented a Geographical Information System (GIS) program, which enables the town to produce and maintain an inventory of existing and ever expanding roadways, utilities and facilities.



SANITATION / SOLID WASTE

DPW is responsible for the handling and disposal of all residential solid waste. This is mainly handled at the curbside. Additionally, DPW handles the solid waste generated at all town buildings including school buildings.

They also maintain and operate the municipal transfer station located adjacent to the wastewater treatment facility on Crompton Avenue. This facility makes available to town residents, a location where they may dispose of various types of household and yard wastes. The materials are separated into categories which include;

- Trash
- Yard waste (leaves, grass clippings, tree branches)
- Metals and other recyclable materials
- Waste oil?

The following outlines the solid waste handled in town:

- Total solid waste generated is approximately 6,700 tons annually.
- Approximately 4,100 tons is trash.
- Approximately 2,600 tons are recyclable materials collected at curbside and the transfer station.
- The recycling rate (blue bin) is approximately 28%
- The diversion rate is approximately 38%. This includes the recyclables from the blue bins, yard waste and recyclable materials received at the transfer station.

WASTEWATER TREATMENT

Shawn O'Neill – Facility Superintendent

David Perrotta – Assistant Superintendent

The East Greenwich Wastewater Treatment facility is one of the most technologically advanced facilities within the region and provides tertiary level of treatment. Treating on average approximately one million (1,000,000) gallons of wastewater per day, the processes utilized employ technologies including;

- Rotating Biological Contactor Units (RBCs), which assist in removing conventional pollutants
- Secondary Clarifiers, which further sanitize the water
- Denitrification processing, which removes nitrogen from the water, and finally
- Ultraviolet Disinfection, which disinfects the effluent water that is discharged into Greenwich Cove.

The modern equipment and processes help to produce an end product which is actually cleaner than the water located in Greenwich Cove. The processes also eliminate almost all of the offending odors normally associated with wastewater treatment, making this facility a very friendly neighbor.

The sewer collection system is comprised of three sewer pumping stations which include;

- Sun Valley Pump Station – Operational July, 2007
- Cedar Heights Pump Station – Operational December, 2008
- Pinewood Pump Station-Operational, 2009
- SERVICE BASE – 2,200 properties connected to the system
- POPULATION SERVED - 50% of Town properties (estimated)
- COLLECTION SYSTEM – Approximately 51 miles of sewer lines

WASTEWATER TREATMENT FACILITY OVERVIEW

By State mandated regulations the Town is limited to the amount of wastewater it is allowed to discharge, as are the maximum contamination levels. The Town is currently allowed to discharge an average of 1.7 million gallons per day, and remains consistently below that level. The following table depicts the efficiency of the treatment process

Contaminant	Permitted Level	Actual Level	Note
Biological Oxygen Demand (BOD)	30 mg/l (milligrams per liter)	5.9 mg/l	Approximately 80% less than permitted level
Total Suspended Solids (TSS)	30 mg/l (milligrams per liter)	5.1mg/l	Approximately 85% less than permitted level
Total Nitrogen (TN)	5 mg/l seasonal (milligrams per liter)	3.5 mg/l	Lowest Level in the State of Rhode Island

As evident by the statistics listed above, East Greenwich has a very efficient wastewater treatment process, which removes approximately **623 tons** of conventional pollutants from the waste stream annually. In doing so, the Town maintains a 99.81% compliance rate with its discharge permit (issued by the Rhode Island Department of Environmental Management) and achieves a 97.25 efficiency rate in removing conventional pollutants.

By accomplishing such high levels of efficiency, East Greenwich has over the years been recognized with the following awards;

- NWPCA Most Improved Treatment Facility
- NWPCA Outstanding Operations
- EPA Region I Award for Excellence in Operation
- RIDEM Certificate of Appreciation for Operations Excellence
- Senator John H. Chaffee Award, RI Environmental Council
- ACEC Silver Medal
- A. Joseph Matteredra Safety Award

