

TOWN OF ERIE

DEPARTMENT OF PUBLIC WORKS

ANNUAL REPORT



AIRPORT
CONSTRUCTION
ENGINEERING
MAINTENANCE
PLANNING
SEWER
STORM
STREETS
TRANSPORTATION
WATER
WATER RECLAMATION
WATER TREATMENT

FOR THE YEAR 2016



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p: 303-926-2870 | www.erieco.gov/public_works

LETTER TO THE COMMUNITY

GARY W. BEHLEN | DIRECTOR OF PUBLIC WORKS

This Department of Public Works (DPW) Annual Report to the community highlights the key accomplishments in 2016 and what we plan to do in 2017.

The Department of Public Works (DPW) consists of 38 Full time Equivalents (FTE) employees in various divisions including: **ADMINISTRATION, ENGINEERING, FACILITIES MAINTENANCE, DISTRIBUTION & COLLECTION, STORM DRAINAGE MAINTENANCE, FLEET MAINTENANCE, STREETS MAINTENANCE, WATER METERS, WATER TREATMENT, and WASTEWATER TREATMENT.** I am proud of how we as a team have handled the changes and challenges of our developing community with passion and professionalism.



As a team great deal of collaboration and partnerships both within the Town and with outside agencies is spent as we engage in several major projects that were started and completed in 2016 including:

- ✓ Weld County Road 5 Bridge Repair
- ✓ Traffic Mitigation
- ✓ Town Hall Remodel
- ✓ County Line & Austin Intersection
- ✓ Austin Avenue Water Line Connections
- ✓ Repair/Upgrade 1.5mg Water Tank
- ✓ North Water Reclamation Facility Capacity Improvements
- ✓ Erie Parkway Transportation Master Plan Study
- ✓ Colliers Hill Neighborhood
- ✓ Erie Highlands Neighborhood
- ✓ Flatiron Meadows Neighborhood

During the winter months our staff strives to keep the streets clear and traffic flowing. Our crews are out in full force for each snow event. We had 12 snow events with a total of 79 inches of snow from January to December, 2016. We plowed 12,034 miles of road; used over 486 tons of ice slice and our crews logged over 1,250 hours.

The GIS staff has collaborated to further expand thier capabilities and have successfully developed many useful applications for residents and Erie businesses. The Town of Erie's official mobile app, Erie Stuff, links to the Town's Maps and Apps Gallery giving users the opportunity to explore the services and maps from the convenience of a mobile device.

The Water Treatment and Wastewater Treatment Divisions currently serve over 8,000 residential and commercial customers. We deliver these services 24 hours a day 365 days a year while protecting the environment, community and economic interests we all value.

I am proud and honored to work with such a professional staff and appreciative of all the services that the DPW provides to the Town of Erie residents.

Thank you in advance for taking the time to review our annual report. If you have any additional questions, please visit our website at www.erieco.gov, send us an email or give us a call at 303-926-2870.

Sincerely,

Gary W. Behlen
Director of Public Works

ADMINISTRATION

The Public Works Administration Division directs and manages the Department to align with the vision, values and mission of the Town. Administration also participates in the planning, of future needs, process and performs special projects while developing departmental policies and procedures, prepares and manages the department budget, prepares Board agenda items, supports the Town Administrator and Board of Trustees, and ensures effective management and operational conditions of the Department.

The team manages Capital Improvement Projects (CIPs) undertaken by the water, storm drainage, and wastewater utilities as well as capital projects in the general, transportation and public facilities.

Public Works Administration Division also plays a vital role in representing the Town with other outside agencies, such as Boulder County, Weld County, CDOT, DRCOG, FEMA, and Transportation coalitions and surrounding municipalities.

PERFORMANCE MEASURES

- Budget is “an estimation of the revenue and expenses over a specified future period of time”. Our acceptable range for actual expenditures is between 80% - 90% of the overall budget.
- Purchasing Policy states all expenditures over \$10,000 require Board of Trustees action. Our acceptable range is between 50 - 100 agenda items requiring action.

HOW WE MEASURED IN 2016:

- Spent 86.5% of the operational budget and 31% of the capital budget allocated.
- Presented 90 action agenda items and 27 staff items.



DIVISION FACTS

6 FTEs (incl O&M)

Board of Trustees Agenda Items:

- 117 items Total
 - » 71 Consent Items
 - » 7 Ordinance Items
 - » 1 Presentation Item
 - » 1 Proclamation Item
 - » 3 Resolution Items
 - » 7 General Business Items
 - » 27 Staff Items

ENGINEERING

Engineering has 7 FTEs which organizes, directs, implements and monitors the planning, contracting, designing and inspecting of all capital improvement and private development projects within the Town. Engineering also maintains and updates the Geographic Information System (GIS). Engineering ensures all projects and developments meet Town construction standards and Board of Trustee's goals.

Engineering provides services to residents such as guidance with engineering and development questions; issues permits for: grading, stormwater quality, public improvements, right-of-way work and floodplain development. The division participates in inspections of the Coal Creek flood protection levee with the Corps of Engineers every two years. The division also provides general flood plain information, and coordinates with outside agencies, prepares various maps and updates to the Standards and Specifications annually. The Engineering Division maintains and updates the Town's Geographic Information System (GIS). The Engineering Division consists of professional engineers, a certified GIS Professional, construction managers, and construction inspectors. The Engineering Division does not provide design services for private property issues but can often provide technical recommendations on how to address identified problems depending on the type and severity of the situation. The division reviews the State bridge inspection reports and budgets for recommended improvements.

- **CAPITAL IMPROVEMENT PROJECTS:** Staff is responsible for management and/or completion of engineering design, consultant management, right-of-way acquisition, contract administration, bidding and construction management of transportation, airport, stormwater, water

and sanitary sewer projects. Engineering is involved in master planning all of the Town's public infrastructure and is responsible for budgeting monies for many years into the future.

- **DEVELOPMENT REVIEW:** Staff is responsible for reviewing proposed private development. During the planning stage, the Community Development Department serves as the primary contact for developers. Engineering Staff duties during this stage include assisting in the drafting of development agreements with developers, reviewing engineering design for proposed streets, stormwater facilities, utilities (water, sanitary sewer and storm sewer), traffic, erosion control, and checks for conformance with the Town's Standards and Specifications for Design and Construction of Public Improvements.

- **CONSTRUCTION INSPECTORS:** Staff is responsible for construction administration and inspections of public infrastructure projects, whether Town-initiated or privately constructed facilities associated with development. Staff checks that proper materials are being used, the infrastructure passes the proper testing, and that the project is in compliance with the accepted construction drawings. Staff also ensures projects are in compliance with stormwater management requirements and regulates activities within the public rights-of ways.

- **GIS DEVELOPMENT:** Two GIS staff members design, develop, and maintain the Enterprise GIS System for the Town. Staff produces thematic maps, performs data analysis and supports digital data requests. Staff also provides geospatial information and mobile mapping applications to Town employees and the public in order to enhance Town operations, improve decision making and provide better public service.

DIVISION FACTS

7 FTEs

- 66 Development Referrals
- 15 Sets of Construction Plans Accepted
- 17 Public Improvement Permits for Developments Issued
- 112 Right of Way Permits issued
- 3 new signals added, 17 total
- 168 Special Projects for Internal Departments & 42 Special Projects for General Public
- Created a Mobile Work Environment using GIS to Collect & Update data in the field
- Implemented Digital Submittal Requirements to insure all newly constructed utilities and assets are quickly incorporated into the Town's Enterprise GIS
- Developed an Open Data site for Public Access and Downloads
- Integration with GIS and Precise, the Town's chosen AVL System
- Worked with Urban Drainage to obtain \$157,550 in storm maintenance work
- Managed 26 consultants and 14 contractors on Town capital improvement projects throughout the year.
- Construction Inspectors reviewed and oversaw the inspection of 33 land development projects

ERIE MUNICIPAL AIRPORT

Erie Municipal Airport (identified as EIK) is owned by the Town of Erie and located north of Colorado Highway 7, about 3 miles west of Interstate 25. The Town has owned the airport since 1994. Vector Air, LLC performs all the day to day operations at the airport and acts as the Fixed Based Operator (FBO) through a public/private partnership agreement with the Town of Erie. Vector Air provides the day-to-day maintenance and operation services, airfield maintenance, airport security, tenant relations, and lease management. Services at the airport include flight instruction, Jet A and 100LL fuel sales, and aircraft rental and repair.

Together, Public Works staff and Vector Air staff manage capital improvement planning, design and construction, grant applications, and interaction with the Federal Aviation Association (FAA) and the Colorado Division of Aeronautics (CDOA).

Planning, design, and projects efforts receive federal (FAA) and state (CDOA) grants, which are in turn funded by ticket tax of air carrier passengers and aviation fuel taxes across the state and country. In essence, the local, state and national aviation system is predominately financed by user fees.

Under the current federal airport funding program, the Town of Erie has accepted over \$5.5 million in FAA funds since 1994. The current FAA authorization allocates \$150,000 of entitlement funds annually to the Erie Municipal Airport. The Town also is eligible to receive discretionary funds for certain airfield safety projects, based on availability of funds and the needs of other airports in the national airport system.

FAA funds are reimbursable grants. As an airport sponsor, the Town of Erie is responsible for contributing local matching funds for an FAA project. At airports served by general aviation aircraft, such as Erie Municipal Airport, the local match is 10%. The Colorado Department of Transportation (CDOT) through the CDOA will pay 5%, thus making the Town's actual matching contribution 5%.

The CDOA administers the Colorado Discretionary Grant Program and not only pays for the 5% match for the FAA Grants; they offer their own grants which are funded by aviation fuel taxes within Colorado. For grants that are only state grants, the Town's contribution is 20%.



DIVISION FACTS

0 FTEs

Runway 15/33 facts:

- 4,700 Foot Concrete Runway
- Runway Identifier Lighting
- 5 Runway/Taxiway Connectors
- Runway and Taxiway Lighting
- Precision Path Indicators (PAPI)
- Instrument approach

Airport facts:

- 196 Based Airplanes (181 single-engine, 9 multi-engine and 6 helicopters)
- 46,520 estimated operations
- AWOS for real time weather info
- Two 12,000 gallon fuel tanks serving Jet A and 100 LL Fuel

FACILITIES

Facilities Maintenance Division has five FTEs that provide general maintenance and custodial services for all Town-owned facilities. General maintenance duties are performed in-house, while specialized maintenance, such as elevator inspections/repairs, HVAC preventive maintenance/major repairs, pest control and annual state inspections are contracted out. In 2016, 1,906 work orders were completed.

Facilities Maintenance Technicians provide maintenance for Town Hall (18,907 SF), Leon A. Wurl Service Center (60,000 SF), Water Treatment Facility (22,516 SF), North Water Reclamation Facility (24,328 SF), Erie Community Center (63,764 SF), Erie Police Station & Municipal Court Building (17,500 SF) and the Erie Community Park Plaza/Concession Stand Facility (120 SF).

Custodial Services for Leon A. Wurl Service Center, Town Hall and the Erie Community Center buildings are contracted out. Janitorial services for all other facilities are performed by one full-time custodian.

PERFORMANCE MEASURES

- Custodial services for LAWSC, Town Hall and ECC are contracted out. Janitorial services for all other facilities are performed by one full time custodian. The acceptable range is \$0.75 to \$1.00.
- The cost of maintenance per square foot (SF) is used for future planning. The acceptable range is between \$5.00 to \$10.00 per SF.

HOW WE MEASURED IN 2016:

- The cost per square foot for custodial services was \$0.94.
- The cost for maintenance per square foot was \$5.11.

FLEET MAINTENANCE

PERFORMANCE MEASURES

- With one mechanic, the acceptable range for work orders completed in-house versus contracted is between 50%/50% to 60%/40% respectively.
- The acceptable range for overall replacement of the fleet is within 5% to 10%.
- The acceptable range for average maintenance cost per vehicle is between \$1,000 to \$2,000 and per equipment unit is \$2,000 to \$3,000 (not including fuel usage or fluids).

HOW WE MEASURED IN 2016:

- 79% of work orders were completed in house while 21% were contracted out of which 8.5% were warranty/recall claims.
- 7% of the fleet was replaced.
- Average maintenance cost per vehicle was \$1,022.70 and equipment was \$2,175.92 (not including fuel).

Fleet Maintenance Division has one FTE who maintains the Town's fleet of 54 vehicles in the Administration, Community Development, Parks & Recreation, Police and Public Works departments. The division also maintains 41 pieces of heavy equipment for Public Works and Parks. Maintenance is provided through a combination of in-house and contract maintenance. There are 25 units that are snow plow capable. This includes six large dump trucks, five pickups with v-plows, three pickups with straight plows, one loader, one motor grader, two backhoes, three skid steer type units, one 4-wheeler with plow, and one Toro mower with v-plow. Some units are only used on trails and sidewalks.

Fleet uses a tracking system for expenses incurred with any unit. This allows us to complete an analysis each year for replacement criteria. If a unit meets two of the three criteria (age, mileage/hours, maintenance cost) then the unit is requested to be replaced. In 2016, seven units were replaced and four additional units were purchased.

Fleet is housed at the Leon A. Wurl Service Center and maintains a shop to perform preventative maintenance such as oil changes, fluid replacement, inspections and minor repairs for all Town units. Minor repairs to engine, brakes, electrical, tires, etc., are completed in-house. Major repairs such as transmission replacement, engine rebuild, body repair, warranty/recall etc., are contracted out. There were 510 work orders processed in 2016. The Service Center also serves as a fueling station for Town vehicles and equipment.

STREET MAINTENANCE

Streets Division maintains all public paved and unpaved roads in the Town. Road maintenance activities include road blading, street sweeping, snow removal, asphalt maintenance, signs and pavement markings, shoulder work and concrete work.

SIGNAGE: Streets maintains all street sign blades and regulatory and warning signs in accordance with the Manual on Uniform Traffic Control Devices. If you notice a street sign missing, contact us for replacement.

STREET CLEANING: All Town streets are swept in the spring and fall. Additional sweeping is performed throughout the year as needed.

SIDEWALK MAINTENANCE: DPW works closely with the residents to ensure sidewalks remain safe. If a sidewalk is reported as having a hazard, an evaluation is performed and if criteria are met, repair is scheduled. This is accomplished through a cost-sharing program with the owner of the damaged area. Repairs for detached sidewalks are the homeowner's responsibility, per Municipal Code 7-1-4.

ASPHALT REPAIRS: DPW keeps the streets of the Town safe for motorists, bicyclists, pedestrians and commercial vehicles through its pothole, crack sealing and patching programs. Roads are patched/repared on a regular basis.

STREET RESURFACING: DPW uses a pavement management program to identify areas in need of resurfacing. Work identified is completed either through the Street Maintenance Services for smaller items such as patchwork or crack sealing, or the Street Maintenance Program for larger items such as seal-type treatment or reconstruction.

DIVISION FACTS

3 FTEs

- 271.0 Miles of Paved Streets (11.2% Arterial, 30.3% Collector, 58.5% Local)
- 2.46 Miles of Roads Rehabilitated
- 1,067 LF of Curb & Gutter Replaced
- 580 SF of Combination Curb/Gutter Sidewalk Replaced
- 979 Curb Miles Swept
- 343 Signs Maintained
- 123 Signs Installed
- 204,258 LF of Roads Striped
- 832,457 LF of Paint Applied
- 53,090 lbs of Asphalt Used for Pothole Repairs
- 50,287 lbs of Crack Sealant Material Used
- 21 Miles of gravel road maintenance
- 55 tons of road base/recycled asphalt used for alley and shoulder maintenance
- 12 Snow Events from January to December 2016 totaling 79 inches of snow
- 486 Tons of Ice Slice Applied to Roadways
- 12,034 miles (average over 1,000 miles per event) plowed in 1,250 hours (average of 104 hours per event)

SNOW REMOVAL: DPW focuses on all primary routes (major arterials) providing critical access in and out of Erie during a snowstorm. Once the snowfall rate has decreased and all primary routes are clear, plowing begins on all secondary routes (minor arterials and collector streets) in neighborhoods. At the direction of the Public Works Director and only in instances when snowstorms leave large accumulations that are expected to remain for several days, Residential Streets are plowed down the center of the street (one pass) will be made on all tertiary routes (internal streets) once primary and secondary routes are clear. Property owners are responsible for clearing their sidewalks within 24 hours after each storm. Maps of all streets and their classifications are listed on the Town website at www.erieco.gov/snow.

PERFORMANCE MEASURES

- Each segment of roadway has a Remaining Service Life (RSL). The Pavement Management System tracks the current RSL rates for all categories of roads including: arterial (major), collector (minor), and locals (internal). The acceptable range is to have 80% of segments between 5 - 15 years.
- The average cost of street maintenance per mile is used for future planning. The acceptable range is \$3,000 to \$8,000.

HOW WE MEASURED IN 2016:

- RSL between 0-5 years is 2.6%; 5-10 years is 69.3%; 10-15 years is 5.8%; 15-20 years is 22.3%. Average is 11.22 years
- The average cost is maintenance per mile was \$3,956.14.
- The average cost of resurfacing per mile was \$276,656.76.

DISTRIBUTION, COLLECTION & STORM DRAINAGE MAINTENANCE

Distribution/Collection/Storm Drainage Division operates and maintains the water transmission, sanitary sewer and storm drainage collection systems. Staff performs routine preventive maintenance for all fire hydrants, valves, pressure relief valves, air relief valves, sanitary sewer cleaning, vacuuming of lines and water and sewer emergency repairs. Each system is divided in to four quadrants and maintained on a rotating schedule, each year a new quadrant will be worked.

HYDRANT MAINTENANCE: DPW flushes water main routinely in spring and fall as the demand for water tends to be lower. This process allows testing of hydrants in the selected quadrant for water flow and pressure, identifying maintenance or replacement needs, and exercising and maintaining valves. Most importantly, flushing enhances water quality helping any sediment in water mains to work its way out of the system. The best way to do this task is by directional flushing. DPW also routinely repaints the hydrants.

LOCATES: If you are performing any work in your yard requiring you to dig, you are required to call Colorado 811 at 811 at least three business days prior to digging. They will notify the appropriate utility companies in the area of work to come and locate them for you. This is a free service to you. DPW will locate the water services up to the meter pit and the other companies will locate their utility as needed.

MAIN LINE BREAKS: If there is a break in water or sanitary sewer lines, our crew inspects the situation to determine if the source is a main line or service line. DPW performs needed repairs on all Town owned lines. Coordination between the Town and the homeowner may be necessary to shut off and turn back on the water.

VIDEO INSPECTIONS: Video inspection can determine current sewer and storm drainage conditions and aid in planning a maintenance strategy. Video inspections are the most cost efficient and most effective method to inspect the internal condition of a sewer. Visual inspections of manholes

and pipelines are also vital in fully understanding the condition of a sewer and storm drainage system.

DIVISION FACTS 6 FTEs

- 157 Miles of Water Lines
- 1,128 Total Fire Hydrants
 - » 11% in-house Painted
 - » 0% Contract Painted
- 4,032 Water System Valves;
6% exercised
- 299 Water Control Valves
- 6 Water Line breaks
- 6,641 Locates Requested
- 103.5 Miles of Sanitary Sewer Lines
- 2,871 manholes – 6% inspected
- 0 sewer main line breaks
- 53 Miles of Storm Drainage Lines
- 1,541 sanitary manholes
- 1,185 storm drainage inlets – 1% maintained (more completed by UDFCD)

PERFORMANCE MEASURES

- When a non-emergency locate request is received, the Town has three business days hours to respond. Our acceptable range is within one to two business days.
- The acceptable range for leak detection of water lines each year is between 10% - 20%.
- The acceptable range for camera inspection of sanitary sewer each year is between 10% - 20%.
- The acceptable range for camera inspections of storm sewer lines each year is between 10% - 20%.
- The acceptable range for operational maintenance cost per mile of water lines is between \$1,000 to \$2,000.
- The acceptable range for operational maintenance cost per mile of sanitary sewer lines is \$1,000 to \$2,000.
- The acceptable range for operational maintenance cost per mile of storm sewer lines is between \$3,000 to \$4,000

HOW WE MEASURED IN 2016:

- 100% of locates were performed in the acceptable range.
- Leak detection was performed on 22% of the distribution system.
- Camera inspections were performed on 12% of the sanitary sewer system.
- Camera inspections were performed on 12% of the storm sewer system.
- The average operational cost of maintenance per mile of water line was \$1,503.
- The average operational cost of maintenance per mile of sanitary sewer line was \$1,882.
- The average operational cost of maintenance per mile of storm sewer line was \$3,387.

JETTING: During the spring and fall, a quadrant of the collection system is jetted and vacuumed. Jetting directs high velocities of water against pipe walls. This removes debris and grease build-up, clears blockages, and also cuts roots within small diameter pipes. This work on the collection system reduces the chance of problems in the future.

KEEP IT CLEAN PROGRAM: The Town actively participates in the Keep It Clean Partnership regarding storm water. The primary goal of the Keep it Clean Partnership is to implement a regional stormwater management program, not only to comply with the federal Phase II stormwater regulations, but to also address broader water quality watershed issues.

URBAN DRAINAGE: The Town collaborates with Urban Drainage and Flood Control District (UDFCD) for maintenance of stormwater areas located in Boulder County. As new drainage facilities are constructed, the Town ensures they meet the Urban Drainage and Flood Control District criteria for maintenance eligibility. Weld County portions may be included in the future.

WATER TREATMENT

Water Treatment Division operates and maintains the 9.9 million gallons per day (mgd) Lynn Morgan Water Treatment Facility (WTF). The facility utilizes an advanced microfiltration membrane process to produce a firm capacity of 9.9 MGD, with a peak capacity of 12.2 MGD. Water Treatment Facility staff also operates and maintains the pretreatment facility, pump stations, interconnects, water storage facilities, and local reservoirs. Staff monitors all aspects of the water treatment process through the use of a Supervisory Control and Data Acquisition (SCADA) system.

The Water Treatment Facility laboratory conducts daily testing to ensure top quality drinking water. Staff monitors drinking water according to federal and state laws. We are proud that Erie meets and exceeds all federal and state drinking water standards with no violations. Erie continues to meet increasingly high water quality standards in a cost-effective manner for the citizens of Erie. Water Treatment Facility Staff also monitors and maintains our local reservoirs to insure water quality.

The Water Treatment staff's goal is to provide top quality, safe, dependable water in ample quantity at all times. The Water Treatment Division sends out an annual Consumer Confidence Report to our customers that provide them with information about the quality water and services that the Town of Erie delivers on a daily basis. This report is also available on the Town's website at www.erieco.gov.

The Water Treatment staff works closely with Administration and Engineering on Capital Improvement project needs. In 2016, the major projects included design of a solids handling treatment plant, repair and upgrade of the 1.5 MG finished water storage tank, and replacement of 256 membrane filters.

PERFORMANCE MEASURES

- The acceptable range for water taste/odor complaints is between 0 - 10.
- The acceptable range for treatment operating cost per thousand gallons is between \$0.75 and \$1.00.

HOW WE MEASURED IN 2016:

- 5 water taste/odor complaints were received.
- Average treatment operating cost per thousand gallons was \$0.93.



DIVISION FACTS

5 FTEs

- 9.9 MGD Water Treatment Capacity
- 3.15 MGD Average Daily Flow
- 7.43 MGD Average Peak Flow
- 1,155.32 MG Treated
- 8,048 Water Taps
- 143,554 Gallons Treated Per Tap

WASTEWATER TREATMENT



Wastewater Treatment Division operates and maintains a multi-awarded 1.5 million gallons per day (mgd) North Water Reclamation Facility (NWRf). All of the wastewater from residential and commercial customers is treated using the Integrated Film Activated Sludge (IFAS) technology.

Our goal is to operate the NWRf as a good neighbor, minimize odors, and return the treated effluent to the creeks while meeting all state and federal standards. Many tours have been given to various entities since this award-winning facility has been in operation.

The NWRf utilizes various physical and biological processes to remove organic and inorganic constituents from wastewater. Influent pumping, screening, grit removal, activated sludge, sedimentation and ultraviolet disinfection are some components making up the facility. Laboratory staff conducts testing to monitor compliance with Colorado Department of Public Health and Environment (CDPHE) and United States Environmental Protection Agency (USEPA) discharge requirements as well as meeting discharge permit limits.

In preparation of the future, the Town has a 1,000 acre-foot (326 million gallons) reuse water reservoir that will be used for irrigation of future areas. This will allow the Town to conserve valuable potable water.

DIVISION FACTS

3 FTEs

- 1.6 MGD South Wastewater Treatment Capacity
- 1.5 MGD North Wastewater Treatment Capacity (Increasing to 1.95MG in 2017)
- 1.30 MGD Average Daily Flow
- 1.50 MGD Average Monthly Peak Flow
- 1.90 MGD Max Daily Flow
- 474.9 MG Treated
- 7,399 Sewer Taps
- 64,184 Gallons Treated Per Tap

PERFORMANCE MEASURES

- The acceptable range for odor complaints is between 0 - 2.
- The acceptable range for treatment operating cost per thousand gallons is between \$1.00 and \$5.00.

HOW WE MEASURED IN 2016:

- 0 odor complaints were received.
- Average treatment operating cost per thousand gallons was \$2.26.

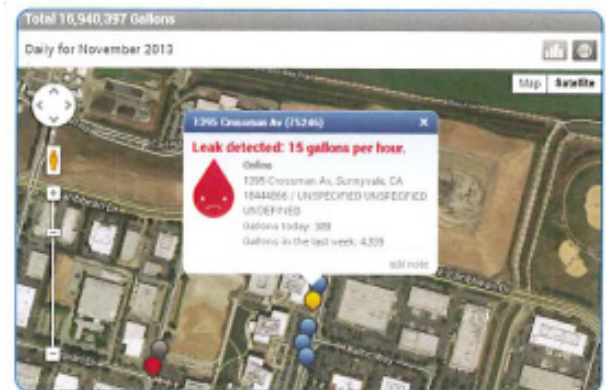
METERS

The Meters Division is responsible for installing, repairing, reading, changing out, turning on and off, and re-reading water meters throughout the Town.

The Meters Division works closely with Utility Billing (Finance) to ensure that meter reads received are accurate. The crews use a laptop and hand held device that receives a wireless signal from the water meter. In 2016, meters were generally read the last week of the month, with utility bills mailing out within the first two weeks of the month after. Prior to reading activities, notifications are posted for disconnection of services.

If you call in a concern to Utility Billing, they issue a work order to the meter technician. While most meters are located in the yard in a meter pit, some residents have meters in their house, generally in the basement. Those homeowners will be sent a letter requesting to schedule a time for access. Techs communicate results with the residents through action cards if the resident is not available at the time the work order is completed. A blue card will be posted if the meter pit is not accessible (i.e. landscaping, etc) and a yellow card is posted with the results of an investigation requested for usage.

Technology is constantly evolving. In 2016, the Town started a 10-year phased plan to upgrade all water meters to "SMART METERS". These smart meters will allow users to monitor usage on a regular basis, identify potential problems/high usage, and see results of their water conservation efforts.



PERFORMANCE MEASURES

- The life expectancy of water meters is approximately 10 years. Each year, the crew replaces a percentage of the meters. Our acceptable range is between 5% to 10%.
- The acceptable range for operational maintenance cost per meter is between \$10.00 to \$20.00.
- The DPW tries to minimize the request for re reads of water meters. The acceptable range is between 1% to 1.5% monthly.
- Starting in 2016, Staff started upgrading existing meters to Beacon meters. The acceptable range is an additional 10% from the previous year.

HOW WE MEASURED IN 2016:

- 12% of the existing meters were replaced.
- The average operational cost of maintenance per meter was \$21.06.
- An average of 0.54% of re-reads were performed each month.
- 14% of the meter system is Beacon Smart Meters

DIVISION FACTS

2 FTEs

- 8,048 Water Taps (Meters) Read Each Month
- 757 New Meter Installations
- 212 In-house Meter Upgrades
- 793 Outside (Pit) Meter Upgrades (Contract & Staff)
- 881 Final Reads Performed
- 278 Turn On/offs Performed
- 1,380 Disconnection Notices Posted
- 526 Re-reads Performed
- 3,839 Service Work Orders
- 67 Hydrant Meter Check Out/In
- 13 In-House Water Monitor Meters Used
- 380 Final Building Inspections Performed

CAPITAL IMPROVEMENT & GENERAL PROJECTS

Some of the active projects in 2016 included:

- **1.5 MG WATER STORAGE TANK IMPROVEMENTS:** Improvements including lining and adding a mixing system were made to the interior of the 1.5 MG water storage tank for Zone 3.
- **NWRF CAPACITY IMPROVEMENT PROJECT:** Design and construction of improvements needed to increase the NWRF hydraulic, organic, and solids handling capacity, preparation of construction documents for the project, construction inspection, and permit work.
- **WATER TREATMENT PLANT SOLIDS HANDLING EQUIPMENT & BUILDING:** Design and construction of a new building to house solids/sludge handling equipment and a powder activated carbon unit.
- **ZONE 3 WATERLINE CONNECTION:** Design of a new water line that will provide additional flow to the water tanks and connect a waterline in Cessna Dr.
- **COUNTY LINE ROAD - BONNELL TO TELLEEN:** Design of improvements to County Line Road between Bonnell and Telleen. The first phase of construction anticipated to be between Austin to Erie Parkway.
- **COUNTY LINE & AUSTIN INTERSECTION:** A new signal was installed at this intersection.
- **WCR 5 BRIDGE REPAIR:** The bridge was improved and paved north of State Highway 52. The Town received Federal funding for 80% of the cost of these improvements.
- **TOWN HALL REMODEL:** With the Police and Municipal Court moving to their new facility, Town Hall was remodeled to provide a more central location for all customer services. Upgrades also included additional work space, conference rooms, break room upgrades, and building security.
- **PARKING LOT IMPROVEMENTS:** Two parking lots at Town Hall were expanded and a new parking lot was added at the Erie Community Park off of Maxwell Street.
- **ERIE PARKWAY CORRIDOR STUDY:** The Town received Federal Funding to perform a corridor study for Erie Parkway from I-25 to State Highway 287. This study will help guide development and capital improvement projects along the corridor.
- **TRANSPORTATION MASTER PLAN UPDATE:** With the recent update of the Comprehensive Plan, the Transportation Master Plan is now being updated.

MORE 2016 ACTIVE PROJECTS...

- Austin Avenue Connection
- Airport Master Plan
- Boulder Creek Improvements
- Coal Creek Improvements
- Coal Creek Reuse Waterline
- Collection System Rehabilitation
- Concrete Maintenance Program
- Drainage Facility Improvements
- Drop Structure Repair
- Fleet Replacements
- Flow Monitoring
- GIS Development Project
- Leyner Cottonwood Pipe repair
- Non-Potable Waterline Improvements Phase 1
- Northern Integrated Supply Project (NISP)
- Parking Lot Maintenance
- Pedestrian Underpass at Taxiway
- SCADA System Master Plan
- Snow Removal Equipment Building at Erie Municipal Airport
- Street Maintenance Program
- Vista Parkway Bridge Repair
- Water Meters & Yokes
- Water Tap Saddle Replacement on Kattell St.
- Windy Gap Firing Project

COMMUNITY OUTREACH EVENTS

Our goals are to continually educate the public about what DPW is all about as well as keep everyone informed of events and construction that will affect our community. DPW posts regular Newsflashes on happenings in the Town as well as hosting some special events throughout the year.

JANUARY 14, 2016 • ANNUAL PROJECTS & DEVELOPMENT OPEN HOUSE

Annual open house for all residents to come and see what developments and CIPs that are planned for the current year. This event is held at the Erie Community Center, with staff on-hand to answer any questions.

APRIL 13, 2016 • WATER-WISE LANDSCAPE SEMINAR

The Water-Wise Landscaping Seminar presented by The Center for ReSource Conservation was a free seminar that explored various techniques to use in designing and maintaining your landscape that will promote the conservation of our natural resources. Through a little planning and the use of some innovative methods, you can learn how to use your landscape to help reduce energy and water use.

MAY 7 and 14, 2016 • 11TH ANNUAL SPRING CLEAN-UP

This event is offered as a service to the Town of Erie residents allowing free disposal of large items at the landfill, donate gently used or unwanted items through Goodwill, document shredding, recycling of metal items and more.

MAY 15-21, 2016 • NATIONAL PUBLIC WORKS WEEK

The APWA hosts a National Public Works Week to recognize staff and educate residents on the services Public Works Departments provide. An employee appreciation picnic was also held.

SEPTEMBER 10, 2016 • ANNUAL WATER QUALITY EVENT AT THE GREAT OUTDOORS ACTIVITY

The Keep It Clean Partnership attended the event to help educate Erie residents on storm water quality. For more information on how you can help prevent water pollution, visit www.keepitcleanpartnership.org.

SEPTEMBER 10, 2016 • 10th ANNUAL FALL CLEAN-UP

This event is offered as a service to the Town of Erie residents allowing free disposal of large items at the landfill, donate gently used or unwanted items through Goodwill, document shredding, recycling of metal items and more.

TOURS OF WATER TREATMENT FACILITY AND NORTH WATER RECLAMATION FACILITY

With the state of the art technology at both facilities, Erie Staff provides tours for those interested in learning about what technology can offer. In 2016, tours were given to:

- Upper Blue Sanitation District
- Hach Company
- City of Emporia Wastewater
- Sterling Wastewater

COMMUNITY EVENT ASSISTANCE

Department of Public Works also assists various special events (street sweeping, traffic control and signage, set up and tear down) through the year including:

- Farmers Market
- Town Fair
- Erie Brewfest
- Downtown Neighborhood Block Parties
- Race Events: Colorado Firecracker 4k/4 mile, Rocky Mountain Kids Triathlon, Eerie Erie
- Miner's Blast
- Biscuit Days
- Trunk or Treat
- County Christmas & Parade of Lights

FINANCIAL SNAPSHOT

DPW works with two different types of budgets: capital and operations. When the Town budgets for a capital project, we must include all costs related to that project in Year 1 of the project. These costs may include studies, conceptual design, construction, land acquisition/easements, etc. For a multi-year project, the money not spent in year 1 of the project is reallocated to the next year until the project is complete. Most capital projects average two to three years from conception to completion.

Operationally, the Department budgets using a top-down approach with historical actual costs and projected additional items for the subsequent year. As with your household budget, some money is included for unforeseen items, such as a major water or irrigation break, new events, mass snow storm, major equipment malfunction, and cost increases.

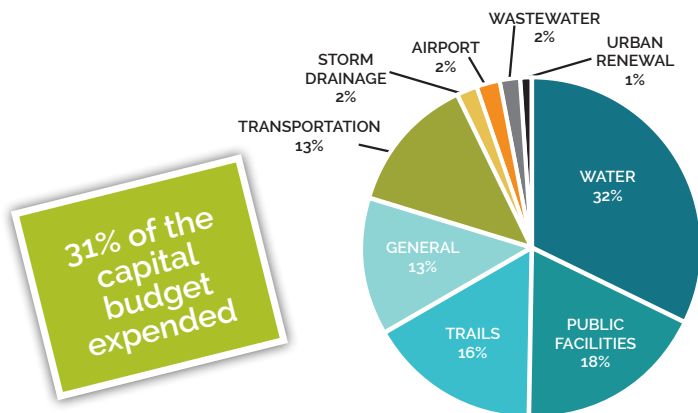
GRANTS:

ORGANIZATION	PROJECT	GRANT RECEIVED
Source Water Protection		\$5,000
CML Special Highway Committee	WCR 5 Bridge additional funding	\$68,000
TOTAL		\$73,000

AWARD:

ORGANIZATION	PROJECT	AWARD RECEIVED
Tilt-Up Concrete Association (TCA)	Erie Police Station	Tilt-Up Concrete Construction

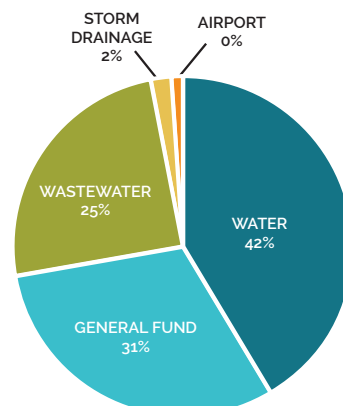
2016 CAPITAL IMPROVEMENT PROJECTS



2016 CAPITAL IMPROVEMENT PROJECTS				
FUND	BUDGETED		ACTIVE/SPENT	
	# OF PROJECTS	AMOUNT	# OF PROJECTS	AMOUNT
General	16	\$1,918,500	16	\$1,780,602
Water	29	\$20,459,000	18	\$4,239,350
Transportation	13	\$4,166,200	6	\$1,767,543
Public Facilities	4	\$2,705,400	4	\$2,326,667
Storm Drainage	11	\$5,544,300	5	\$285,220
Airport	3	\$771,700	3	\$323,881
Wastewater	9	\$4,283,500	5	\$327,108
Trails	12	\$3,350,300	6	\$2,070,763
Urban Renewal	2	\$172,200	2	\$120,965
TOTAL	99	\$43,371,100	47	\$13,242,099

2016 OPERATIONAL EXPENDITURES

2016 PUBLIC WORKS BUDGET SUMMARY OPERATIONS		
FUND	BUDGETED	SPENT
General Fund	\$3,161,800	\$3,006,479
Water	\$4,765,700	\$4,105,552
Storm Drainage	\$316,600	\$234,513
Airport	\$30,800	\$14,944
Wastewater	\$3,107,200	\$2,483,860
TOTAL	\$11,382,100	\$9,845,348



INCENTIVES FOR YOU

CONNECT WITH US!

INTERACTIVE WEBSITE

Visit www.erieco.gov and select Notify Me to sign up to receive emails and/or text messages for project information. Select the "Service Request" button to report maintenance issues you notice around town.

ERIE STUFF - MOBILE APP

Download Erie Stuff - the Town of Erie's official mobile application to ask a question or report a problem. Visit www.erieco.gov/eriestuff for more information and links to download.

REPORT A STREET LIGHT OUTAGE

Street lights are owned and maintained by the power companies. The best way to get a street light outage repaired is for you to report it to the power company that you pay your bill to (United Power or Xcel Energy). To expedite the process, you should have the pole number and nearest intersection/street or cul-de-sac.

You can call or submit the request via their website:

UNITED POWER

303-637-1350

<http://www.unitedpower.com/report-street-light-problems/>

XCEL ENERGY

1-800-895-4999

https://www.xcelenergy.com/Outages_and_Emergencies/Report_Outage

ADOPT A ROAD PROGRAM: A partnership between the Town and residents/businesses to keep the roadways clean. This program is simple: groups of individuals adopt a portion of a road and keep it clean of litter, graffiti and illegal dumping. DPW provides free cleaning supplies, trash pickup, and support for neighborhood clean ups and public recognition. For more information on how you can join this program, email George Hubert at chubert@erieco.gov.

CLEAN UP PROGRAM: Generally offered to residents one day in both the Spring (May) and Fall (September). Email Kris McDaniel at krismc@erieco.gov or call 303-926-2872 for more information.

- Free Disposal: Residents may take loads to the Front Range Landfill for free
- Goodwill: Donate Gently Used Home Supplies and Building Materials
- Document Shredding: Dispose of you unwanted documents to be shredded
- Prescription Take Back Envelopes: provided to mail in left over medication

HIGH EFFICIENCY WASHING MACHINE REBATES: DPW offered \$50 rebates for the purchase of a high efficiency washing machine. Just bring your license, original receipt, and most recent water bill along with a brief application to receive your rebate check in the mail. In 2016, the Town processed 106 rebates. The program will continue in 2017. Email Bethany Peer at bpeer@erieco.gov for more information.

RESIDENTIAL IRRIGATION AUDITS: Ever wonder if you're using your water efficiently? There are a few ways for you to find out. Center for ReSource Conservation provides a FREE outdoor inspection to residents from June-August. During the inspection you will receive a customized watering schedule, learn do-it yourself sprinkler maintenance and be give tips on how to improve the efficiency of you sprinkler system to save water and money. Space is limited and appointments will be scheduled on a first come first serve basis. Sign up today to reserve your spot in this popular program by calling 303-999-3824, or register on line at www.conservationcenter.org at any time.

DPW has a "Do-It-Yourself" kit. This kit allows a resident to check out the kit at no cost and perform an audit on their current system. Kits are easy to check out and come with complete instructions. No experience required. Sign up by calling 303-926-2870 or visit the Public Works Office at Town Hall (645 Holbrook Street).

INDOOR WATER CHECK-UPS: Center for ReSource Conservation provided FREE indoor water check-ups from March to May and September to December. The indoor water check-ups included evaluation of inside water use and water fixtures in each home, and an offer to install at least two aerators and one low-flow showerhead.

WATERWISE SEMINAR: A FREE Water-Wise Landscaping Seminar presented by the Center for ReSource Conservation to explore various techniques to use in designing and maintaining your landscape that will promote the conservation of our natural resources. Through a little planning and the use of some innovative methods, you can learn how to use your landscape to help reduce energy and water use. Email Bethany Peer at bpeer@erieco.gov for more information.

SUSTAINABILITY

Sustainability in Public Works is delivering services using methods that protects the environment, community and economic interests we all value.

PROGRAMS & EVENTS:

- » A **RECYCLING CENTER** is available in Historic Downtown Erie, open 24 hours to all Erie Residents. The Recycling Center accepts commingled containers and mixed paper and is. More information: www.erieco.gov/recycling
- » Annual **SPRING AND FALL CLEAN UP** events provide a no-cost opportunity for residents to recycle and donate unwanted items to non-profit, shred documents, free access to the landfill and (new in 2016) dispose of unused/unwanted household medications through a **MEDICATION TAKE-BACK PROGRAM**.
- » There are several **WATER CONSERVATION** opportunities that encourage our residents to participate in conservation efforts:
 - High Efficiency Washing Machine Rebate
 - Homeowner's Waterwise Landscaping Manual
 - Indoor Water Consultation Program
 - Irrigation Audit Kits
 - Irrigation System Maintenance Tips
 - Outdoor Irrigation Consultations
 - Water-Wise Seminars
 - Garden In A Box
- » The Town started a 10-year phased plan in 2016 to upgrade all water meters to "**SMART METERS**". These smart meters will allow users to monitor usage on a regular basis, identify potential problems/high usage, and see results of their water conservation efforts.
- » The Town is working with Xcel Energy to change out street lights in selected areas within Xcel's territory to **LED LIGHTS**.
- » **GPS** has been installed in Snow Plow vehicles allowing Town Staff to monitor material usage and optimize snow routes.

SUSTAINABLE DESIGN:

Public Works strives for a sustainable design for both the short and long term.

- » Strategically look at all **ROADS** and use the best applications to maintain the Remaining Service Life (RSL), in the most cost efficient manner.
- » Our **WATER TREATMENT FACILITY** efficiently treats water to the highest standards
- » Our North Water Reclamation Facility (NWRf) treats waste water to be environmentally safe. **SOLIDS** removed at the NWRf are **UTILIZED AS SOIL AMENDMENT AND FERTILIZER** by local contractors and treated effluent is recovered and reused for irrigation within the town.
- » Water from our **1,000 ACRE FOOT RE-USE RESERVOIR** is used in parks and Open Space reducing the Town's dependency on potable water supplies.
- » **SOLAR THERMAL SYSTEM** installed at the Erie Community Center. This system consists of 70 4'x10' roof-mounted hydronic solar collectors. The collectors pre-heat the water before it reaches the gas-filled water heaters.
- » **PHOTOVOLTAIC (PV) SOLAR ARRAY** installed at the Leon A. Wurl Service Center. The ballasted roof-mounted PV system provides a clean power source; provides long-term cost benefits for the Town and its citizens. When electricity is generated which is not used directly by the Leon A. Wurl Service Center, the meter will "spin backwards". The Town will be paid for the energy production when it exceeds usage demands.
- » **GRADER** is equipped with the T4 motor that meets all the new emission standards.
- » All new plow trucks are equipped with 9.3-liter diesels fitted with **SELECTIVE CATALYTIC REDUCTION EMISSIONS-AFTER TREATMENT EQUIPMENT**. Factory testing shows the products are delivering up to 8% better fuel economy than the previous engines.
- » Replacing our older vehicles heavy equipment with the newer models were able to **INCREASE FUEL ECONOMY** and produce **LESS EMISSIONS**.

GET TO KNOW US...

ADMINISTRATION, ENGINEERING, AND FACILITIES STAFF (15 FTEs)

Gary Behlen – Public Works Director: 12 years
Robyn Fulton – Custodian: 23 years
Wendi Palmer – Civil Engineer: 18 years
Raelynn Ferrera – Project Coordinator: 16 years
Paul Shea – Facilities Maintenance Tech: 8 years
Russell Pennington – Deputy Director of Public Works: 8 years
Bethany Peer – Administrative Assistant: 5 years
Chris Holland – Facilities Maintenance Technician: 3 years
Jason Mraz – Construction Inspector: 3 years
Matt Wiederspahn – Development Engineer: 3 years
Starla Elkins – GIS Coordinator: 2 years
Mike Soukup – Facilities Maintenance Technician: 2 years
Chuck Norris – Construction Inspector: 9 months
Scott Bennett – Facilities Maintenance Division Manager: 5 months
Jesse Ascunce – GIS Technician: 2 months



OPERATION & MAINTENANCE STAFF (15 FTEs)

Jody Lambert – Operations & Maintenance Division Manager: 27 years
George Hubert – Assistant Operations and Maintenance Manager: 20 years
Barb Dankowski – Meter Maintenance Tech: 18 years
Kris McDaniel – Administrative Coordinator: 18 years
Mike Dallas – Streets Maintenance Tech: 11 years
Rich Lucas – Fleet Mechanic: 11 years
Larry Nelson – Meters Maintenance Tech: 3 years
Scott Satak – Distribution & Collection Maintenance Supervisor: 3 years
Jimmy Moffitt – Distribution & Collection Maintenance Technician: 1 year
Joseph León – Streets Maintenance Technician: 1 year
Vince Cereceres – Distribution & Collection Maintenance Technician: 1 year
Joey Fioloski – Distribution & Collection Maintenance Tech: 10 months
Trevor Robinson – Distribution & Collection Maintenance Technician: 7 months
Ron Lewis – Distribution & Collection Maintenance Technician: 2 months
Mike Seele – Streets Technician: 2 months



WATER/WASTEWATER FACILITIES STAFF (8 FTEs)

Deb Langerak – Water Reclamation Facility Technician: 20 years
Amber Rehfeld – Water Treatment Facility Technician: 13 years
Elliott Fulton – Water Treatment Facility Technician: 13 years
Troy Vilhauer – Water Reclamation Facility Technician: 12 years
Bruce Chameroy – Chief Water Treatment Facility Operator: 5 years
Jon Coyle – Chief Water Reclamation Facility Operator: 4 years
David Burke – Water Treatment Technician: 3 years
Kyle Keller – Water Treatment Facility Technician: 2 months



Total: 38 FTEs with over 287 years of experience with the Town!

WHAT'S COMING IN 2017...

NATIONAL PUBLIC WORKS WEEK: Observed annually the third week of May each year, NPWW is a celebration of the men and women who provide and maintain the infrastructure and services collectively known as Public Works. Since 1960, American Public Works Association (APWA) has sponsored National Public Works Week. Across the nation, the 29,000 members use this week to energize and educate the public on the importance of the contribution of public works to their daily lives: planning, building, managing and operating the heart of our local communities and building the quality of life.

CLEAN UP DAYS: DPW to host the 12TH annual Clean Up Days at the Landfill and the Leon A. Wurl Service Center in May and September. These events are offered as a FREE service to Town of Erie residents allowing disposal of items at no expense at the landfill and donate gently used items, left-over prescription drugs and shredding at the Service Center. DPW Staff will assist residents with directions and confirming residency.

2017 CAPITAL IMPROVEMENT PROJECTS:

BRIDGE MAINTENANCE: Funding is allocated each year for repair and maintenance of bridges in Town. Based on review of CDOT's Bridge inspection, Staff will prioritize the improvements based on need and available funding.

COUNTY LINE ROAD – AUSTIN TO ERIE PARKWAY: With the design complete, construct the widening of County Line Road from 2 through lanes to 4 through lanes and add left and right turn lanes, add curb gutter, sidewalks, storm drainage, and street lights.

COAL CREEK – LEVEE TO RR TRACKS: Design improvements to stabilize Coal Creek and protect the levee, by improving conveyance capacity and reduce erosion.

COAL CREEK – COUNTY LINE TO KENOSHA: The Town will partner with Urban Drainage and Flood Control District (UDFCD) to design improvements to stabilize Coal Creek, by improving conveyance capacity and reduce erosion. A trail will be incorporated to provide maintenance access to Coal Creek.

COLLIERS HILL/HISTORIC ERIE CONNECTION: Design a new connection to Historic Downtown Erie from Colliers Hill. Design will include permitting for crossing RTD's railroad tracks, an irrigation ditch and Coal Creek.

ERIE PARKWAY AND WCR 7 INTERSECTION: Evaluation and design of intersection. It is anticipated that intersection safety improvements and possibly a traffic signal will be required in the near future at this intersection.

FACILITIES STORAGE UNIT: Construction of a storage facility to store items for Facilities Maintenance.

LEFT TURN SIGNAL ON ERIE PARKWAY AT BRIGGS & POWERS: Add designated left turn signals.

IRRIGATION POND REPAIR: Improve banks along Coal Creek, east of Erie Commons, to repair damage and help protect an irrigation pond with soil riprap and/or grouted boulders.

NEW INFLUENT MONITORING LOCATION: Construct a new influent monitoring location within the existing North Water Reclamation Facility.

NWRF SITE IMPROVEMENTS: Improvements to the North Water Reclamation Facility may include security upgrades and paving.

PRINCE LAKE #2 & 111TH IMPROVEMENTS: The Town will partner with Urban Drainage and Flood Control District (UDFCD) to design and construct improvements to enlarge an existing roadside drainage way, add drop structures, roadway crossings and improvements to a reservoir to add storm water detention.

SEWER MONITORING AND EVALUATION: Continuation of a monitory program to evaluate the flows and capacity of the existing sanitary sewer system at various locations. Depending upon the results, there may need to be capacity improvement projects.

SNOW REMOVAL EQUIPMENT BUILDING AT THE AIRPORT: With the design nearing completion, construction of a new building to house snow removal equipment will begin.

UPDATE OSP EAST OF COAL CREEK STUDY: Update the 2006 Outfall Systems Plan East of Coal Creek to reflect Comprehensive Plan updates and existing improvements. The OSP West of Coal Creek originally created in 2013.

VISTA PARKWAY REPAIR: Assess and repair portions of Vista Parkway for ride ability.

WASTEWATER UTILITY PLAN UPDATE: The Wastewater Utility Plan. The Plan will be coordinated with North Front Range Water Quality Planning Association.

WATER TREATMENT FACILITY SECURITY UPGRADES: Security improvements will be designed and constructed for the existing Water Treatment Facility to incorporate a computerized access system and surveillance cameras.

ZONE 3 WATERLINE EXTENSION (PHASE I): With the design complete, construction is scheduled for 2017 of a new waterline to connect between the existing waterlines at County Line Road and Vista Parkway and Vista Parkway and Parkdale Circle, along with the connection to an existing waterline in Cessna Drive.

ZONE 3 WATERLINE EXTENSION (PHASE II): Design connects on the east and west end of the Zone 3 Waterline Extension (Phase I). This will improve the flow of water to the tank site.

ZONE 4A WATER TRANSMISSION PIPELINE: Construct a new line to Zone 4A (Arapahoe Ridge) for reliability. The Town will work with the Developer of Flatiron Meadows for a portion of this line and the remainder will be designed and constructed by the Town.



Photo Credit: David Besnette



Town of Erie | Town Hall
Department of Public Works
645 Holbrook Street | PO Box 750
Erie, CO 80516
303-926-2870
www.erieco.gov

Erie Community Center

450 Powers Street
Erie, CO 80516
303-926-2550

Erie Police Station & Municipal Court Building

1000 Telleen Avenue
Erie, CO 80516
303-926-2880

Leon A Wurl Service Center

150 Bonnell Avenue
Erie, CO 80516
303-926-2872

Lynn R Morgan Water Treatment Facility

2901 N 119th Street
Erie, CO 80516
303-926-2860

North Water Reclamation Facility

501 State Highway 52
Erie, CO 80516
303-926-2876

South Water Reclamation Facility

1000 Briggs Street
Erie, CO 80516
303-926-2897