



TOWN OF ERIE

645 Holbrook Street
Erie, CO 80516

Town Council

Board Meeting Date: 9/27/2016

File #: 16-348, **Version:** 1

SUBJECT: STAFF REPORT

Water Treatment and Water Reclamation Report

DEPARTMENT: Public Works

PRESENTER: Russell Pennington, Public Works Deputy Director

FISCAL INFORMATION:

Cost as Recommended: N/A

Balance Available: N/A

Budget Line Item Number: N/A

New Appropriation Required: N/A

STAFF RECOMMENDATION: N/A

SUMMARY AND BACKGROUND OF SUBJECT MATTER: The Water Treatment and Water Reclamation graphs depict the monthly production averages and the average per capita usage based on the population within the system at the Lynn R. Morgan Water Treatment Facility and North Water Reclamation Facility 2013-2016.

Water Treatment Facility:

Annual Daily average flow: **2013~** 2.642 million gallons **2014~** 2.623 million gallons **2015~** 2.735 million gallons **2016~** 3.254 million gallons (YTD)

July 2016 has the highest flows, 6.662 million gallons, while December 2015 had the lowest flows, 0.929 million gallons.

Annual Daily average gallons per capita usage: **2013~** 132 gallons per capita **2014~** 122 gallons per capita **2015~** 120 gallons per capita **2016~** 141 gallons per capita (YTD)

July 2013 has the highest usage, 295 gallons per capita, while December 2015 had the lowest usage, 40 gallons per capita.

Water Reclamation Facility:

Annual Daily average flow: **2013~** 1.216 million gallons **2014~** 1.297 million gallons **2015~** 1.263 million gallons **2016~** 1.492 million gallons (YTD)

September 2013 had the highest average, *1.672 million gallons, while November 2013 had the lowest average, 1.036 million gallons.

Annual Daily average per capita usage: **2013~** 61 gallons per capita **2014~** 62 gallons per capita **2015~** 56 gallons per capita **2016~** 65 gallons per capita (YTD)

September 2013 had the highest usage, *81 gallons, while February 2015 had the lowest usage, 51 gallons.

**Note the increase at the Water Reclamation Facility was due to the storm events in August and September*

ATTACHMENTS:

- a. Water Treatment Facility average production graph
- b. Water usage per capita graph
- c. Water Reclamation Facility average production graph
- d. Water Reclamation usage per capita graph