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File #: 190904

April 12, 2022

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor North
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: In The Matter Of The Application Of The York Water Company Under Sections 507, 1102(a)(1), and 1102(a)(3) of the Public Utility Code, for approval of the right of THE YORK WATER COMPANY to (1) acquire certain public wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania
Docket No. A-2021-3029945

Dear Secretary Chiavetta:

Attached for filing are The York Water Company's ("York Water") Responses to the Data Requests of the Pennsylvania Public Utility Commission's Bureau of Technical Services ("TUS") Set I, Nos. 1-8 and 10-23 in the above-referenced proceeding.

Respectfully submitted,



Devin Ryan

DR/kl
Enclosures

cc: Clinton McKinley (via email – cmckinley@pa.gov)

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-1

A-1 Please provide copies of Franklin County General Authority's (FCGA's) 2019 audited financial statement referenced on Page 9 of the Application.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached is a copy of FCGA's 2019 Audited Financial Statements.

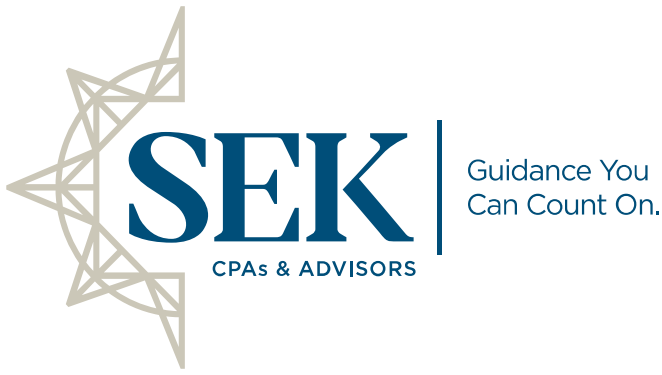
Audited
Financial
Statements

December 31,
2019

Franklin County
General Authority

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INDEPENDENT AUDITOR'S REPORT

Board of Directors
Franklin County General Authority
Chambersburg, Pennsylvania

We have audited the accompanying financial statements of each major fund of Franklin County General Authority, a component unit of Franklin County, Pennsylvania, as of and for the year ended December 31, 2019, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements as listed in the table of contents.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

AUDITOR'S RESPONSIBILITY

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinions.

OPINIONS

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of each major fund of the Franklin County General Authority as of December 31, 2019, and the respective changes in financial position and cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

OTHER MATTERS

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 7 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

A handwritten signature in black ink that reads "Smith & Elliott Deams & Company, LLC". The signature is written in a cursive, flowing style.

Chambersburg, Pennsylvania
May 19, 2020

FRANKLIN COUNTY GENERAL AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

The discussion and analysis of the Franklin County General Authority's (FCGA) financial performance provides an overall review of the Authority's financial activities for the year ended December 31, 2018. The intent of this discussion and analysis is to look at the Authority's financial performance as a whole; readers should also review the financial statements and notes to the financial statements to enhance their understanding of the Authority's financial performance.

The Management Discussion and Analysis (MD&A) is an element of the reporting model adopted by the Governmental Accounting Standards Board (GASB) in their Statement No. 34, *Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments*. Certain comparative information between the current year and the prior year is required to be presented in the MD&A.

FINANCIAL HIGHLIGHTS

The net operating income for Water in 2019 was up compared to 2018 due to an increase in metered usage, partially due to new service connections, and a decrease in maintenance and leak repair costs. The net operating income for Sewer in 2019 was down slightly from 2018, due to a decrease in metered usage. A financial evaluation of both systems was completed in 2018 in preparation for the Authority to offer the systems for sale, which it did in September. The offer returned one proposal which is still being negotiated. Rail net operating income in 2019 was approximately the same as 2018. The rail operations contract with the Army was transferred to the rail operator in late 2019 so the rail lease will be moved to Letterkenny Industrial Development Authority's leased properties in 2020.

USING THE ANNUAL FINANCIAL STATEMENTS

The financial report consists of the Management Discussion and Analysis and a series of financial statements and notes to those statements. These statements are organized so that the reader can understand Franklin County General Authority as an entire operating entity, and they also provide a detailed look at specific financial activities.

The statements are fund financial statements that focus on individual parts of the Authority's operations in detail. These proprietary fund statements offer short and long-term financial information about the activities the Authority operates like a business. For this Authority, this is our Water Fund, our Sewer Fund, and our Rail Fund.

The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

Figure 1 summarizes the major features of the Authority's financial statements, including the portion of the Authority they cover and the types of information they contain. The remainder of this overview section of management discussion and analysis explains the structure and contents of each of the statements.

FRANKLIN COUNTY GENERAL AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Figure 1
Major Features of Franklin County General Authority's
Fund Financial Statements

	Proprietary Funds
Scope	Activities the Authority operates similar to a private business – Water, Sewer, and Rail
Required financial statements	Statement of net position Statement of revenues, expenses and changes in net position Statement of cash flows
Accounting basis and measurement focus	Accrual accounting and economic resources focus
Type of asset/liability information	All assets and liabilities, both financial and capital, and short-term and long-term
Type of inflow-outflow information	All revenues and expenses during year, regardless of when cash is received or paid

OVERVIEW OF FINANCIAL STATEMENTS

Fund Financial Statements

Proprietary funds – These funds are used to account for the Authority activities that are similar to business operations in the private sector; or where the reporting is on determining net income, financial position, changes in financial position, and a significant portion of funding through user charges. When the Authority charges customers for services it provides – whether to outside customers or to other units in the Authority – these services are generally reported in proprietary funds. All activities of the Franklin County General Authority – Water, Sewer, and Rail services – are proprietary funds and are business-type activities. The Authority charges fees to customers within the Cumberland Valley Business Park and The United States Army to cover the costs of providing these services.

The Authority's fund financial statements, which begin on Page 8, provide detailed information about the individual funds and the Authority as a whole using accounting methods similar to those used by private-sector companies. The statement of net position includes all of the Authority's assets and liabilities. All of the current year's revenues and expenses are accounted for in the statement of activities regardless of when cash is received or paid.

The net change in position, the difference between the Authority's revenues and expenses, are one way to measure the Authority's financial health or position. Over time, increases or decreases in the Authority's net position are an indication of whether its financial health is improving or deteriorating, respectively.

FRANKLIN COUNTY GENERAL AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

FINANCIAL ANALYSIS OF THE AUTHORITY AS A WHOLE

The Authority's total net position was \$ 9,392,147 at December 31, 2019.

Table 1
December 31, 2019
Net Position

	Water	Sewer	Rail	Total
Current and other assets	\$ 858,787	\$ 21,704	\$ 91,036	\$ 971,527
Non-current assets	<u>938,366</u>	<u>4,886,076</u>	<u>2,639,879</u>	<u>8,464,321</u>
Total Assets	<u>1,797,153</u>	<u>4,907,780</u>	<u>2,730,915</u>	<u>9,435,848</u>
Current and other liabilities	<u>37,457</u>	<u>5,681</u>	<u>563</u>	<u>43,701</u>
Net Position				
Net Investment in capital assets	938,366	4,886,076	2,639,879	8,464,321
Unrestricted	<u>821,330</u>	<u>16,023</u>	<u>90,473</u>	<u>927,826</u>
Total Net Position	<u>\$ 1,759,696</u>	<u>\$ 4,902,099</u>	<u>\$ 2,730,352</u>	<u>\$ 9,392,147</u>

December 31, 2018
Net Position

	Water	Sewer	Rail	Total
Current and other assets	\$ 510,305	\$ 69,393	\$ 114,798	\$ 694,496
Non-current assets	<u>981,787</u>	<u>5,053,843</u>	<u>2,746,378</u>	<u>8,782,008</u>
Total Assets	<u>1,492,092</u>	<u>5,123,236</u>	<u>2,861,176</u>	<u>9,476,504</u>
Current and other liabilities	<u>6,520</u>	<u>12,376</u>	<u>9,634</u>	<u>28,530</u>
Net Position				
Net Investment in capital assets	981,787	5,046,151	2,746,378	8,774,316
Unrestricted	<u>503,785</u>	<u>64,709</u>	<u>105,164</u>	<u>673,658</u>
Total Net Position	<u>\$ 1,485,572</u>	<u>\$ 5,110,860</u>	<u>\$ 2,851,542</u>	<u>\$ 9,447,974</u>

Most of the Authority's net position is invested in capital infrastructure assets. The remaining unrestricted net position is undesignated amounts.

The 18.5% increase in the Net Position for Water is due to an increase in both operating and non-operating revenues. The 4.1% decrease in the Net Position for Sewer is due to continued operating expenses exceeding operating revenues. The 4.3% decrease in the Net Position for Rail is due to decrease non-operating income. The Statement of Revenues, Expenses, and Changes in Fund Net Position for these proprietary funds will further detail the actual results of operations.

FRANKLIN COUNTY GENERAL AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

At December 31, 2019, the Authority funds reported a combined net loss of \$ 55,827. This was due to operating losses in both the Sewer and Rail cost centers.

Table 2 summarizes the revenues, expenses and changes in net position of the Authority for the years ended December 31, 2019 and December 31, 2018.

Year Ended December 31, 2019
Table 2

	Water	Sewer	Rail	Total
Operating revenues	\$ 947,232	\$ 186,731	\$ 110,186	\$ 1,244,149
Operating expenses	<u>741,283</u>	<u>449,047</u>	<u>179,378</u>	<u>1,369,708</u>
Net operating income (loss)	205,949	(262,316)	(69,192)	(125,559)
Non-operating income	68,175	1,420	137	69,732
Transfers, net	<u>-</u>	<u>52,135</u>	<u>(52,135)</u>	<u>-</u>
Change in net position	<u>\$ 274,124</u>	<u>\$ (208,761)</u>	<u>\$ (121,190)</u>	<u>\$ (55,827)</u>

Year Ended December 31, 2018
Table 2

	Water	Sewer	Rail	Total
Operating revenues	\$ 891,931	\$ 203,585	\$ 153,594	\$ 1,249,110
Operating expenses	<u>696,745</u>	<u>452,149</u>	<u>223,417</u>	<u>1,372,311</u>
Net operating income (loss)	195,186	(248,564)	(69,823)	(123,201)
Non-operating income	15,047	12,119	81	27,247
Transfers, net	(122,895)	-	-	(122,895)
Capital contributions	<u>142,809</u>	<u>150,000</u>	<u>-</u>	<u>292,809</u>
Change in net position	<u>\$ 230,147</u>	<u>\$ (86,445)</u>	<u>\$ (69,742)</u>	<u>\$ 73,960</u>

The gain in Water from 2018 to 2019 is due to a combination of increased revenues and decreased expenses. The increase in Sewer net losses is due to a decrease in revenues and capital contributions. The large increase in the Rail net loss was due entirely to the transfer to Sewer in 2019 that was not necessary in 2018.

**FRANKLIN COUNTY GENERAL AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited**

CAPITAL ASSET AND DEBT ADMINISTRATION

Capital Assets

At December 31, 2019, the Authority had \$ 8,464,321 invested in water, sewer, and rail infrastructure assets, net of depreciation. This amount represents a net decrease (including additions, deletions, and depreciation) of \$ 317,686 or 3.6% from the previous year.

**Table 3
Proprietary Activities
Capital Assets - Net of Depreciation**

	2019	2018	2017
Water	\$ 938,366	\$ 981,787	\$ 1,096,246
Sewer	4,886,076	5,053,843	5,195,278
Rail	2,639,879	2,746,378	2,852,877

See footnote 5 in the financial statements for details of additions and deletions.

Debt Administration

As of December 31, 2019, the Authority had no outstanding debt.

ECONOMIC FACTORS AND NEXT YEAR'S RATES

FCGA did not raise Water or Sewer rates in 2019, nor did the authority need a contribution from the Letterkenny Industrial Development Authority. As FCGA is currently negotiating an asset purchase agreement with a large public water and wastewater utility company, there was little investment made in capital assets in 2019. In late 2019 the Rail Operations contract with the Army was transferred to the rail operator. This changes the structure of the agreement and the Rail lease will be transferred to LIDA's property leases in 2020.

CONTACTING THE AUTHORITY FINANCIAL MANAGEMENT

Our financial report is designed to provide the general public and creditors with an overview of the Authority's finances and show the Board's accountability for the money it receives. If you have questions about this report or wish to request additional financial information, please contact Cindy Lawver, Financial Manager at Franklin County General Authority, 5540 Coffey Avenue, Chambersburg, PA 17201, (717) 267-9351.

FRANKLIN COUNTY GENERAL AUTHORITY
Statement of Net Position - Proprietary Funds
December 31, 2019

	Water Fund	Sewer Fund	Rail Fund	Total
ASSETS				
Current assets				
Cash and cash equivalents	\$ 685,759	\$ -	\$ 91,036	\$ 776,795
Accounts receivable	172,919	21,672	-	194,591
Due from LIDA	109	32	-	141
Total current assets	<u>858,787</u>	<u>21,704</u>	<u>91,036</u>	<u>971,527</u>
Noncurrent assets				
Property and equipment, net	<u>938,366</u>	<u>4,886,076</u>	<u>2,639,879</u>	<u>8,464,321</u>
Total noncurrent assets	<u>938,366</u>	<u>4,886,076</u>	<u>2,639,879</u>	<u>8,464,321</u>
Total assets	<u>\$ 1,797,153</u>	<u>\$ 4,907,780</u>	<u>\$ 2,730,915</u>	<u>\$ 9,435,848</u>
LIABILITIES				
Current liabilities				
Accounts payable	\$ 27,360	\$ 883	\$ -	\$ 28,243
Due to LIDA	10,097	4,798	563	15,458
Total current liabilities	<u>37,457</u>	<u>5,681</u>	<u>563</u>	<u>43,701</u>
Total liabilities	<u>37,457</u>	<u>5,681</u>	<u>563</u>	<u>43,701</u>
NET POSITION				
Net investment in capital assets	938,366	4,886,076	2,639,879	8,464,321
Unrestricted	<u>821,330</u>	<u>16,023</u>	<u>90,473</u>	<u>927,826</u>
Total net position	<u>1,759,696</u>	<u>4,902,099</u>	<u>2,730,352</u>	<u>9,392,147</u>
Total liabilities and net position	<u>\$ 1,797,153</u>	<u>\$ 4,907,780</u>	<u>\$ 2,730,915</u>	<u>\$ 9,435,848</u>

FRANKLIN COUNTY GENERAL AUTHORITY
Statement of Revenues, Expenses and Changes in Fund Net Position - Proprietary Funds
Year Ended December 31, 2019

	Water Fund	Sewer Fund	Rail Fund	Total
OPERATING REVENUES				
Charges for services	\$ 945,012	\$ 186,612	\$ 64,948	\$ 1,196,572
Lease income	-	-	45,238	45,238
Miscellaneous/maintenance reimbursement	2,220	119	-	2,339
Total operating revenues	<u>947,232</u>	<u>186,731</u>	<u>110,186</u>	<u>1,244,149</u>
OPERATING EXPENSES				
System operating fees	475,102	158,368	64,876	698,346
Legal and professional fees	34,637	4,468	1,915	41,020
Insurance	32,540	32,540	1,087	66,167
Utilities and other	39,541	51,929	-	91,470
Administrative fees, including related party	74,016	21,982	5,001	100,999
Maintenance	29,940	315	-	30,255
Depreciation	55,507	179,445	106,499	341,451
Total operating expenses	<u>741,283</u>	<u>449,047</u>	<u>179,378</u>	<u>1,369,708</u>
Net operating (loss)	<u>205,949</u>	<u>(262,316)</u>	<u>(69,192)</u>	<u>(125,559)</u>
NON OPERATING REVENUES (EXPENSES)				
Capacity fees	67,553	1,420	-	68,973
Interest income	622	-	137	759
Total non operating revenues (expenses)	<u>68,175</u>	<u>1,420</u>	<u>137</u>	<u>69,732</u>
Income (loss) before transfers	274,124	(260,896)	(69,055)	(55,827)
Transfers				
Transfers in	-	52,135	-	52,135
Transfers out	-	-	(52,135)	(52,135)
Total transfers	<u>-</u>	<u>52,135</u>	<u>(52,135)</u>	<u>-</u>
Change in net position	274,124	(208,761)	(121,190)	(55,827)
Total net position - beginning	<u>1,485,572</u>	<u>5,110,860</u>	<u>2,851,542</u>	<u>9,447,974</u>
Total net position - ending	<u>\$ 1,759,696</u>	<u>\$ 4,902,099</u>	<u>\$ 2,730,352</u>	<u>\$ 9,392,147</u>

FRANKLIN COUNTY GENERAL AUTHORITY
Statement of Cash Flows - Proprietary Funds
Year Ended December 31, 2019

	Water Fund	Sewer Fund	Rail Fund	Total
Cash flows from operating activities				
Cash received from customers	\$ 1,066,487	\$ 205,866	\$ 138,170	\$ 1,410,523
Cash received from reimbursement	2,220	119	-	2,339
Cash payments for goods and services	<u>(654,839)</u>	<u>(275,982)</u>	<u>(81,950)</u>	<u>(1,012,771)</u>
Net cash provided (used) by operating activities	<u>413,868</u>	<u>(69,997)</u>	<u>56,220</u>	<u>400,091</u>
Cash flows from capital and related financing activities				
Receipt of capacity fees	67,553	1,420	-	68,973
Purchase of property and equipment	<u>(12,086)</u>	<u>(11,678)</u>	<u>-</u>	<u>(23,764)</u>
Net cash provided (used) by capital and related financing activities	<u>55,467</u>	<u>(10,258)</u>	<u>-</u>	<u>45,209</u>
Cash flows from non-capital financing activities				
Transfers from other funds	-	52,135	-	52,135
Transfers to other funds	<u>-</u>	<u>-</u>	<u>(52,135)</u>	<u>(52,135)</u>
Net cash provided (used) by non-capital financing activities	<u>-</u>	<u>52,135</u>	<u>(52,135)</u>	<u>-</u>
Cash flows from investing activities				
Interest and dividends received	<u>622</u>	<u>-</u>	<u>137</u>	<u>759</u>
Net cash provided (used) by investing activities	<u>622</u>	<u>-</u>	<u>137</u>	<u>759</u>
Net increase (decrease) in cash and cash equivalents	469,957	(28,120)	4,222	446,059
Cash and cash equivalents - beginning of the year	<u>215,802</u>	<u>28,120</u>	<u>86,814</u>	<u>330,736</u>
Cash and cash equivalents - end of the year	<u>\$ 685,759</u>	<u>\$ -</u>	<u>\$ 91,036</u>	<u>\$ 776,795</u>
Reconciliation of income/(loss) from operations to net cash provided (used) by operating activities				
Operating income (loss)	\$ 205,949	\$ (262,316)	\$ (69,192)	\$ (125,559)
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:				
Depreciation	55,507	179,445	106,499	341,451
Changes in assets and liabilities:				
(Increase) decrease in accounts receivable	121,475	19,254	27,984	168,713
(Increase) decrease in prepaid expenses	-	315	-	315
Increase (decrease) in accounts payable	27,293	(7,692)	(9,268)	10,333
Increase (decrease) in Due to LIDA	<u>3,644</u>	<u>997</u>	<u>197</u>	<u>4,838</u>
Net cash provided (used) by operating activities	<u>\$ 413,868</u>	<u>\$ (69,997)</u>	<u>\$ 56,220</u>	<u>\$ 400,091</u>

FRANKLIN COUNTY GENERAL AUTHORITY

Notes to Financial Statements

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES

Nature of Operations

The financial statements of the Franklin County General Authority ("Authority") have been prepared in conformity with generally accepted accounting principles (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The most significant of the Authority's accounting policies are described below.

Purpose and Reporting Method

The Authority was created on October 2, 1997 for the purpose of operating the water and sewer systems and rail lines within the Letterkenny Army Depot.

The Authority took operating control of the water and sewer operations on September 14, 1998 and rail operations on June 3, 1999 under operating agreements with the U. S. Army for an initial period of ten and five years, respectively. These agreements will be extended automatically for successive five-year periods unless either party provides at least a one year written notice to the contrary.

Certain assets related to the sewer system have not been transferred to the Authority as of the date of these financial statements, and it is unknown when these transfers may occur due to environmental concerns of property presently owned by the U. S. Department of Defense. However, the assets related to the rail system have been transferred and recorded at estimated fair value at the time of transfer. Certain assets related to the water and sewer systems are currently owned by Letterkenny Industrial Development Authority (LIDA). Any assets related to the water, sewer or rail operations that are paid for by the Authority are recorded as capital assets in these financial statements.

Basis of Accounting

The Authority reports on the accrual basis of accounting using the principles of proprietary fund accounting applicable to governmental entities.

Reporting Entity

The Governmental Accounting Standards Board (GASB) Statements define the criteria used to determine the composition of the reporting entity. These standards require that the reporting entity include (1) the primary government, (2) organizations for which the primary government is financially accountable, (3) organizations that are fiscally dependent on the primary government and a financial benefit or burden exists, and (4) other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity's financial statements to be misleading or incomplete. The Authority has no component units but is a component unit of Franklin County (Pennsylvania). The Franklin County Commissioners appoint the board members. The financial statements of Franklin County are prepared separately.

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Reporting Entity (Continued)

The following organizations are considered to be affiliated with FCGA through oversight or common management, but are not component units:

Letterkenny Industrial Development Authority (LIDA)
Cumberland Valley Business Park Association, Inc. (CVBP)

Fund Accounting

The Authority uses funds to maintain its financial records during the fiscal year. Fund accounting is designed to demonstrate legal compliance and to aid management by segregating transactions related to certain Authority functions or activities. A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts. The various funds of the Authority are grouped into proprietary funds. Proprietary funds are used to account for the Authority's ongoing activities which are similar to those often found in the private sector.

The focus of proprietary funds is on the determination of net earnings and capital maintenance. All three of the Authority's funds (water, sewer, and rail) are proprietary funds.

Basis of Presentation

All proprietary funds are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operation of these funds are included on the statement of net position. The statement of changes in fund net position presents increases (i.e., revenues) and decreases (i.e., expenses) in net total assets. The statement of cash flows provides information about how the Authority finances and meets the cash flow needs of its proprietary activities.

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, and the disclosure of contingent assets and liabilities, if any, at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Statement of Cash Flows

For purposes of the statement of cash flows, there are no investments that could be considered cash equivalents.

Interest Income

One pooled cash account is maintained for the water, sewer, and rail funds. Interest on this account is allocated monthly to each fund based on the cash balance in the respective fund, which is separately tracked.

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Accounts Receivable

Accounts receivable are recorded when invoices are issued and are presented in the Statement of Net Position net of an allowance for doubtful accounts, if applicable. Receivables are considered past due based upon the timing of when payments are received.

Management considers accounts receivable to be fully collectible based on an evaluation of specific receivables, the Authority's historical losses, and the existing economic conditions in the utility industry. Accordingly, no allowance for doubtful accounts is deemed necessary at December 31, 2019. If amounts become uncollectible, they will be charged to operations when that determination is made. It is at least reasonably possible that the estimate used for collectability of receivables will change in the near term.

Capital Assets

All capital assets are capitalized at cost (or estimated historical cost) and updated for additions and retirements during the year. The Authority maintains a capitalization threshold of \$ 3,500. Donated fixed assets are recorded at their acquisition values as of the date received. Improvements are capitalized; the costs of normal maintenance and repairs that do not add to the value of the asset or materially extend an asset's life are expensed.

All reported capital assets are depreciated. Improvements are depreciated over the remaining useful lives of the related capital assets. Depreciation is computed using the straight-line method.

Depreciation is calculated using the straight-line method over estimated useful lives as follows:

Water plant assets	15 - 20 years
Sewer plant assets	12 - 30 years
Railroad system	40 years

Long-Term Obligations

In the proprietary fund financial statements, long-term debt and other long-term obligations are reported as liabilities in the Statement of Net Position.

Deferred Outflows and Inflows of Resources

In addition to assets, the Statement of Net Position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Authority does not have any items that currently qualify for reporting in this category.

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Deferred Outflows and Inflows of Resources (Continued)

In addition to liabilities, the Statement of Net Position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Authority does not have any items that currently qualify for reporting in this category.

Net Position

Net position is classified in the following components:

Net Investment in Capital Assets: This component of net position consists of capital assets, net of accumulated depreciation and reduced by any outstanding balances of any bonds, mortgages, notes, accounts payable, or other borrowings that are attributable to the acquisition, construction, or improvement of those capital assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt also should be included in this component of net position.

Restricted: This component of net position consists of restricted assets reduced by liabilities and deferred inflows of resources related to those assets. Generally, a liability relates to restricted assets if the asset results from a resource flow that also results in the recognition of a liability or if the liability will be liquidated with the restricted assets reported.

Unrestricted: This component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

Net Position Flow Assumption

Sometimes the government will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority's policy to consider restricted net position to have been depleted before unrestricted net position is applied.

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 1 SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Classification of Revenues

The Authority has classified its revenue as either operating or non-operating according to the following criteria:

Operating Revenues – Operating revenues include activities that have the characteristics of exchange transactions, such as sales and services of the Authority. This also includes maintenance reimbursements from the Army.

Nonoperating Revenues – Nonoperating revenues include activities that have the characteristics of non-exchange transactions (in which the Authority receives value without directly giving equal value in return), such as gifts and contributions, grants, and other revenues that are defined as nonoperating revenues, such as investment income. Capacity fees are considered nonoperating because they are not assessed to cover current operating costs, but to fund future expansion of the water and sewer systems.

Concentrations of Credit Risk

For the year ended December 31, 2019, 66% of the Authority’s rail, water and sewer operating revenues came from one customer, the U.S. Army. In addition, 58% of accounts receivable at December 31 were from the U. S. Army.

NOTE 2 RELATED PARTIES

The following organizations are related to Franklin County General Authority through common management.

Letterkenny Industrial Development Authority (LIDA)
 Cumberland Valley Business Park Association, Inc. (CVBP)

During the year, FCGA pays LIDA for electric service costs and administrative costs related to employee time spent on FCGA activities. LIDA pays FCGA for water and sewer services. Activity between FCGA and LIDA during the year as well as receivable/payable balances at year end were as follows:

FCGA paid LIDA:	
Administrative expenses	\$ 100,022
Electric costs	82,523
	<u>\$ 182,545</u>
Due to LIDA at December 31, 2019 from:	
Water	\$ 10,097
Sewer	4,798
Rail	563
	<u>\$ 15,458</u>
LIDA paid FCGA:	
Water utilities	\$ 1,536
Sewer utilities	784
	<u>\$ 2,320</u>
Due from LIDA at December 31, 2019:	
Water	\$ 109
Sewer	32
Rail	-
	<u>\$ 141</u>

In addition, LIDA paid \$ 5,071 for engineering costs related to FCGA’s asset sale.

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 3 CASH AND CASH EQUIVALENTS

The Pennsylvania Municipal Authorities Act and Pennsylvania Act 10 of 2016 defines allowable investments for authorities, which are summarized as follows:

1. U.S. Treasury Bills
2. Short-term obligations of the U.S. Government or its agencies
3. Deposits in savings accounts or time deposits or share accounts of institutions insured by the Federal Deposit Insurance Corporation or the National Credit Union Share Insurance Fund to the extent that such accounts are so insured, and, for any amounts above the insured maximum, provided that approved collateral as provided by law therefore shall be pledged by the depository
4. Obligations of the United States of America or any of its agencies or instrumentalities backed by the full faith and credit of the respective governmental entity
5. Shares of an investment company registered under the Investment Company Act of 1940
6. Obligations, participations or other instruments of any federal agency, instrumentality or United States government-sponsored enterprise if the debt obligations are rated at least "A" or its equivalent
7. Commercial paper issues by corporations or other business entities organized in accordance with federal or state law, with a maturity not to exceed 270 days
8. Bills of exchange or time drafts drawn on and accepted by a commercial bank, otherwise known as bankers' acceptances, if the bankers' acceptances do not exceed 180 days
9. Negotiable certificates of deposits or other evidences of deposit, with a remaining maturity of three years or less

Custodial Credit Risk – Deposits

Custodial credit risk is the risk that in the event of a bank failure, the Authority's deposits may not be returned to it. The Authority does not have a written policy for custodial credit risk. As of December 31, 2019, \$ 583,283 of the Authority's bank balance of \$ 833,283 was exposed to custodial credit risk as follows:

Uninsured and uncollateralized	\$ -
Collateralized with securities held by the pledging financial institution	-
Uninsured and collateral held by the pledging bank's trust department not in the Authority's name	<u>583,283</u>
Total	<u><u>\$ 583,283</u></u>

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 4 OPERATING LEASE REVENUE

The Authority is leasing the rail system to an operator (Pennsylvania & Southern Railway, LLC) under a noncancelable operating lease dated February 1, 2004 with a term of twenty-five years. This agreement was amended November 1, 2014 to extend the lease agreement for 25 years from the date of the amended agreement. The operator is obligated to pay the Authority a monthly "operating fee" of \$ 3,333. The operating fee shall increase annually by 3% on the anniversary date of the agreement. Lease income for 2019 was \$ 45,238. The following is a schedule by years of future minimum receipts under the lease at December 31, 2019.

2020	\$ 46,598
2021	47,996
2022	49,436
2023	50,919
2024	52,447
2025-2029	286,800
2030-2034	332,480
2035-2039	<u>371,477</u>
	<u>\$ 1,238,153</u>

Under the current agreement with the Army, the Authority receives \$ 9,268 a month for providing rail services. Under the agreement with Pennsylvania Southern Railroad, this amount is paid to them as a fee for operating the rail system.

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 5 CAPITAL ASSETS

Capital assets consist of the following as of December 31, 2019:

	Beginning Balance	Additions	Deletions	Ending Balance
Water				
Cost				
Infrastructure	\$ 457,811	\$ 5,672	\$ -	\$ 463,483
Building improvements	894,364	-	-	894,364
Equipment	178,489	6,414	-	184,903
Total cost - Water	<u>1,530,664</u>	<u>12,086</u>	<u>-</u>	<u>1,542,750</u>
Accumulated depreciation				
Infrastructure	(227,138)	(16,638)	-	(243,776)
Building improvements	(252,868)	(30,630)	-	(283,498)
Equipment	(68,871)	(8,239)	-	(77,110)
Total accumulated depreciation - Water	<u>(548,877)</u>	<u>(55,507)</u>	<u>-</u>	<u>(604,384)</u>
Total net - Water	<u>981,787</u>	<u>(43,421)</u>	<u>-</u>	<u>938,366</u>
Sewer				
Cost				
Infrastructure	5,764,795	6,860	-	5,771,655
Buildings	243,958	4,818	-	248,776
Equipment	193,752	-	-	193,752
Total cost - Sewer	<u>6,202,505</u>	<u>11,678</u>	<u>-</u>	<u>6,214,183</u>
Accumulated depreciation				
Infrastructure	(935,374)	(157,958)	-	(1,093,332)
Buildings	(120,283)	(9,631)	-	(129,914)
Equipment	(93,005)	(11,856)	-	(104,861)
Total accumulated depreciation - Sewer	<u>(1,148,662)</u>	<u>(179,445)</u>	<u>-</u>	<u>(1,328,107)</u>
Total net - Sewer	<u>5,053,843</u>	<u>(167,767)</u>	<u>-</u>	<u>4,886,076</u>
Rail				
Cost				
Infrastructure	4,225,942	-	-	4,225,942
Buildings	34,022	-	-	34,022
Total cost - Rail	<u>4,259,964</u>	<u>-</u>	<u>-</u>	<u>4,259,964</u>
Accumulated depreciation				
Infrastructure	(1,500,398)	(105,648)	-	(1,606,046)
Buildings	(13,188)	(851)	-	(14,039)
Total accumulated depreciation - Rail	<u>(1,513,586)</u>	<u>(106,499)</u>	<u>-</u>	<u>(1,620,085)</u>
Total net - Rail	<u>2,746,378</u>	<u>(106,499)</u>	<u>-</u>	<u>2,639,879</u>
Total depreciated cost	<u>\$ 8,782,008</u>	<u>\$ (317,687)</u>	<u>\$ -</u>	<u>\$ 8,464,321</u>

FRANKLIN COUNTY GENERAL AUTHORITY
Notes to Financial Statements

NOTE 5 CAPITAL ASSETS (CONTINUED)

Depreciation expense for the year ended December 31, 2019 was charged as follows:

Water	\$	55,507
Sewer		179,445
Rail		106,499
	\$	<u>341,451</u>

NOTE 6 RISK MANAGEMENT

The Authority is exposed to various risks of losses related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Authority utilizes commercial insurance to manage its risk.

NOTE 7 COMMITMENTS AND CONTINGENCIES

Operating Agreement – Water and Sewer

The Authority entered into an agreement with a vendor (United Water NACO, LLC now Suez Water Environmental Services) to provide day-to-day operations and maintenance of the sewer and water systems.

The contract has been amended with an agreement dated April 20, 2015 which extends the contract term for an additional five (5) year period through December 31, 2019. The total monthly payment for 2019 is \$ 52,789. This includes \$ 39,592 for water operations and \$ 13,197 for sewer operations. The current contract renewal is currently on a short term basis.

NOTE 8 TRANSFERS

During the year ended December 31, 2019, the rail fund transferred \$52,135 to the sewer fund to subsidize the operations of the respective fund.

NOTE 9 SUBSEQUENT EVENTS

The COVID-19 outbreak in the United States and around the world has caused business disruption through mandated and voluntary closings of many business throughout our community. While the disruption is currently expected to be temporary, there is considerable uncertainty around the duration and extent of the economic impact. Therefore, it is reasonable to expect that some of the Authority's revenue sources and the ability of the customers to pay for services provided could be impacted, however the degree of such impact is uncertain at this time.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-2

A-2 Please provide copies of FCGA's 2019 and 2020 annual financial reports filed with the Pennsylvania Department of Community and Economic Development.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached are copies of FCGA's 2019 and 2020 annual financial reports filed with the Pennsylvania Department of Community and Economic Development.

2019 ANNUAL REPORT OF MUNICIPAL AUTHORITIES AND NON-PROFITS

FRANKLIN COUNTY GENERAL AUTHORITY 280428

MUNICIPAL AUTHORITY INFORMATION

Information on file

Name: FRANKLIN COUNTY GENERAL AUTHORITY

Address: 5540 COFFEY AVENUE

CHAMBERSBURG, PA 17201

Phone: (717) 267-9351

Fax: (717) 267-9353

Contact Person: CINDY LAWVER

Title: FINANCIAL MANAGER

Email: LAWVER@CVBP.COM

Year Authority Organized 1997

Year Authority Terminates 2047

Fiscal Year Ends (month/day): 12/31

Number of Employees

Full Time Equivalent: 0

Part Time Equivalent: 0

Filing Status: Active

Facility Type:

Mass Transit

Sewer

Water

FRANKLIN COUNTY GENERAL AUTHORITY**AUTHORITY OFFICIALS LIST**

President RICHARD FOSTER
Address: 6566 BENT OAK DRIVE

 FAYETTEVILLE, PA 17222
Phone: (717) 352-2042
Fax:
e-mail:

Secretary ERNEST TARNER
Address: 2505 HENRY ROAD

 CHAMBERSBURG, PA 17202
Phone: (717) 263-9096
Fax:
e-mail:

Treasurer WILLIAM GREEN
Address: 440 LEA DRIVE

 CHAMBERSBURG, PA 17201
Phone: (717) 264-0077
Fax:
e-mail:

Solicitor MICHAEL DAVIS
Address: 126 E. KING STREET

 LANCASTER, PA 17602
Phone: (717) 299-5201
Fax:
e-mail:

FRANKLIN COUNTY GENERAL AUTHORITY

GEOGRAPHICAL AREAS SERVED

Municipality Name

GREENE TWP

LETTERKENNY TWP

County

FRANKLIN

FRANKLIN

FRANKLIN COUNTY GENERAL AUTHORITY
**STATEMENT OF NET POSITION
FOR THE FISCAL YEAR ENDING 2019**

CURRENT ASSETS	
Cash and cash equivalents	776,795
Investments	
Receivables (net of allowance for uncollectibles)	194,732
Lease rental payments receivable (Financing authorities, only)	
Due from other governments	
Inventories	
Prepays	
Restricted current assets:	
Cash or cash equivalents	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Intergovernmental receivables	
Other current assets	
TOTAL CURRENT ASSETS	971,527

NON-CURRENT ASSETS	
Restricted non-current assets:	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Capital assets not being depreciated:	
Land	
Construction in progress	
Capital assets net of accumulated depreciation:	
Buildings and system	8,464,321
Improvements other than buildings	
Furnishings, machinery and equipment	
Infrastructure	
Lease rental payments receivable (Financing authorities, only)	
Other non-current assets	
TOTAL NON-CURRENT ASSETS	8,464,321
TOTAL ASSETS	9,435,848

DEFERRED OUTFLOWS OF RESOURCES

Deferred amount of debt refundings	
Deferrals related to pensions	
Other deferred outflows of resources	
TOTAL DEFERRED OUTFLOWS OF RESOURCES	0
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	9,435,848

CURRENT LIABILITIES

Accounts payable	43,701
Accrued payroll and withholdings	
Accrued interest payable	
Due to other governments	
Unearned revenue	
Funds held as fiduciary	
Debt due within one year	
Other current liabilities	
TOTAL CURRENT LIABILITIES	43,701

NON-CURRENT LIABILITIES

Debt due in more than one year	
Net pension liabilities	
Other non-current liabilities	
TOTAL NON-CURRENT LIABILITIES	0
TOTAL LIABILITIES	43,701

DEFERRED INFLOWS OF RESOURCES

Deferred amount on debt refundings	
Deferrals related to pensions	
Other deferred inflows of resources	
TOTAL DEFERRED INFLOWS OF RESOURCES	0
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	43,701

NET POSITION

Net investment in capital assets	8,464,321
Restricted	
Unrestricted	927,826
TOTAL NET POSITION	9,392,147
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES AND NET POSITION	9,435,848

FRANKLIN COUNTY GENERAL AUTHORITY
Mass Transit
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2019

MASS TRANSIT OPERATING REVENUES	
Charges for service	110,186
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	137
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	
TOTAL MASS TRANSIT OPERATING REVENUES	110,323

MASS TRANSIT OPERATING EXPENSES	
Administrative	3,002
Contracted services	64,876
Personnel services	5,001
Supplies and materials	
Repairs and maintenance	
Utilities	
Other services and charges	
Depreciation and amortization	106,499
Fundraising*	
Program services*	
Other operating expenses	
TOTAL MASS TRANSIT OPERATING EXPENSES	179,378
MASS TRANSIT OPERATING INCOME (LOSS)	(69,055)

MASS TRANSIT NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	(52,135)
Other nonoperating revenues	
Other nonoperating (expenses)	
Debt service principal and interest (expense)**	
TOTAL MASS TRANSIT NONOPERATING REVENUES (EXPENSES)	(52,135)

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	(121,190)
NET POSITION - BEGINNING OF YEAR	2,851,542
PRIOR PERIOD ADJUSTMENT	
MASS TRANSIT NET POSITION - END OF YEAR	2,730,352

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
Sewer
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2019

SEWER OPERATING REVENUES	
Charges for service	186,612
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	119
TOTAL SEWER OPERATING REVENUES	186,731

SEWER OPERATING EXPENSES	
Administrative	37,008
Contracted services	158,368
Personnel services	21,982
Supplies and materials	
Repairs and maintenance	315
Utilities	51,929
Other services and charges	
Depreciation and amortization	179,445
Fundraising*	
Program services*	
Other operating expenses	
TOTAL SEWER OPERATING EXPENSES	449,047
SEWER OPERATING INCOME (LOSS)	(262,316)

SEWER NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	53,555
Other nonoperating revenues	
Other nonoperating (expenses)	
Debt service principal and interest (expense)**	
TOTAL SEWER NONOPERATING REVENUES (EXPENSES)	53,555

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	(208,761)
NET POSITION - BEGINNING OF YEAR	5,110,860
PRIOR PERIOD ADJUSTMENT	
SEWER NET POSITION - END OF YEAR	4,902,099

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
Water
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2019

WATER OPERATING REVENUES	
Charges for service	945,012
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	622
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	2,220
TOTAL WATER OPERATING REVENUES	947,854

WATER OPERATING EXPENSES	
Administrative	67,177
Contracted services	475,102
Personnel services	74,016
Supplies and materials	
Repairs and maintenance	29,940
Utilities	39,541
Other services and charges	
Depreciation and amortization	55,507
Fundraising*	
Program services*	
Other operating expenses	
TOTAL WATER OPERATING EXPENSES	741,283
WATER OPERATING INCOME (LOSS)	206,571

WATER NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	67,553
Other nonoperating revenues	
Other nonoperating (expenses)	
Debt service principal and interest (expense)**	
TOTAL WATER NONOPERATING REVENUES (EXPENSES)	67,553

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	274,124
NET POSITION - BEGINNING OF YEAR	1,485,572
PRIOR PERIOD ADJUSTMENT	
WATER NET POSITION - END OF YEAR	1,759,696

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
STATEMENT OF FIDUCIARY NET POSITION
FOR THE FISCAL YEAR ENDING 2019

ASSETS		
	Trust Funds	Custodial Funds
Cash and cash equivalents		
Receivables		
Investments, at fair value		
Restricted assets:		
Temporarily restricted:		
Cash, or cash equivalents		
Investments		
Intergovernmental receivables		
Permanently restricted:		
Investments		
Other assets		
TOTAL ASSETS	0	0

DEFERRED OUTFLOWS OF RESOURCES		
	Trust Funds	Custodial Funds
Other deferred outflows of resources		
TOTAL DEFERRED OUTFLOWS OF RESOURCES	0	0
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	0	0

LIABILITIES		
	Trust Funds	Custodial Funds
Accounts payable and other current liabilities		
Due to other governments		
Unearned revenue		
Debt due within one year		
Other liabilities		
TOTAL LIABILITIES	0	0

DEFERRED INFLOWS OF RESOURCES		
	Trust Funds	Custodial Funds
Other deferred inflows of resources		
TOTAL DEFERRED INFLOWS OF RESOURCES	0	0
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	0	0

NET POSITION

	Trust Funds	Custodial Funds
Assets held in trust for pension/other postemployment benefits		
Other		
TOTAL NET POSITION	0	0
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	0	0

FRANKLIN COUNTY GENERAL AUTHORITY
**STATEMENT OF CHANGES IN FIDUCIARY NET POSITION
FOR THE FISCAL YEAR ENDING 2019**

ADDITIONS		
Contributions		
	Trust Funds	Custodial Funds
Employer		
Plan members		
Private donations		
Other		
TOTAL CONTRIBUTIONS	0	0
Investment Earnings		
	Trust Funds	Custodial Funds
Interest		
Net increase / (decrease) in the fair value of investments		
Other		
TOTAL INVESTMENT EARNINGS	0	0
	Trust Funds	Custodial Funds
Less investment expenses		
TOTAL ADDITIONS	0	0
DEDUCTIONS		
	Trust Funds	Custodial Funds
Benefits		
Administrative expenses		
Other		
TOTAL DEDUCTIONS	0	0
NET POSITION		
	Trust Funds	Custodial Funds
CHANGE IN NET POSITION	0	0
NET POSITION - BEGINNING OF YEAR	0	0
PRIOR PERIOD ADJUSTMENT		
NET POSITION - END OF YEAR	0	0

**DEBT STATEMENT
FISCAL YEAR ENDING 2019**

Purpose	Issuance Type	Issue Year (YYYY)	Maturity Year (YYYY)	Original Amount of Issue	Outstanding Beginning of Year	Principal Incurred This Year	Principal Paid This Year	Current Year Accretion on Compound Interest Bonds	Outstanding at Year End
Total Bonds and Notes Outstanding									\$0
Capitalized Lease Obligations									
Plus (Less) Unamortized Premium (Discount)									
NET DEBT									\$0

Date	E-filer Comment
6/30/2020	There are no employees - all contract operations

SIGNATURE AND VERIFICATION

I certify that the foregoing information is correct and complete for the 2019 municipal Authority's fiscal year.

Name: Cindy Lawver

Title: Financial Manager

Phone: (717) 267-9351

2020 ANNUAL REPORT OF MUNICIPAL AUTHORITIES AND NON-PROFITS

FRANKLIN COUNTY GENERAL AUTHORITY 280428

MUNICIPAL AUTHORITY INFORMATION

Information on file

Name: FRANKLIN COUNTY GENERAL AUTHORITY

Address: 4759 INNOVATION WAY

CHAMBERSBURG, PA 17201

Phone: (717) 267-9351

Fax: (717) 267-9353

Contact Person: CHRISTY CAUTION

Title: FINANCIAL MANAGER

Email: CAUTION@CVBP.COM

Year Authority Organized 1997

Year Authority Terminates 2047

Fiscal Year Ends (month/day): 12/31

Number of Employees

Full Time Equivalent: 0

Part Time Equivalent: 0

Filing Status: Active

Facility Type:

Mass Transit

Sewer

Water

FRANKLIN COUNTY GENERAL AUTHORITY**AUTHORITY OFFICIALS LIST**

President RICHARD FOSTER
Address: 6566 BENT OAK DRIVE

 FAYETTEVILLE, PA 17222
Phone: (717) 352-2042
Fax:
e-mail:

Secretary ERNEST TARNER
Address: 2505 HENRY ROAD

 CHAMBERSBURG, PA 17202
Phone: (717) 263-9096
Fax:
e-mail:

Treasurer WILLIAM GREEN
Address: 440 LEA DRIVE

 CHAMBERSBURG, PA 17201
Phone: (717) 264-0077
Fax:
e-mail:

Solicitor MICHAEL DAVIS
Address: 126 E. KING STREET

 LANCASTER, PA 17602
Phone: (717) 299-5201
Fax:
e-mail:

FRANKLIN COUNTY GENERAL AUTHORITY

GEOGRAPHICAL AREAS SERVED

Municipality Name

GREENE TWP

LETTERKENNY TWP

County

FRANKLIN

FRANKLIN

FRANKLIN COUNTY GENERAL AUTHORITY
**STATEMENT OF NET POSITION
FOR THE FISCAL YEAR ENDING 2020**

CURRENT ASSETS	
Cash and cash equivalents	778,316
Investments	
Receivables (net of allowance for uncollectibles)	169,630
Lease rental payments receivable (Financing authorities, only)	
Due from other governments	166
Inventories	
Prepays	
Restricted current assets:	
Cash or cash equivalents	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Intergovernmental receivables	
Other current assets	
TOTAL CURRENT ASSETS	948,112

NON-CURRENT ASSETS	
Restricted non-current assets:	
Investments	
Lease rental payments receivable (Financing authorities, only)	
Capital assets not being depreciated:	
Land	
Construction in progress	
Capital assets net of accumulated depreciation:	
Buildings and system	5,599,725
Improvements other than buildings	
Furnishings, machinery and equipment	
Infrastructure	
Lease rental payments receivable (Financing authorities, only)	
Other non-current assets	
TOTAL NON-CURRENT ASSETS	5,599,725
TOTAL ASSETS	6,547,837

DEFERRED OUTFLOWS OF RESOURCES

Deferred amount of debt refundings	
Deferrals related to pensions	
Other deferred outflows of resources	
TOTAL DEFERRED OUTFLOWS OF RESOURCES	0
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	6,547,837

CURRENT LIABILITIES

Accounts payable	5,081
Accrued payroll and withholdings	
Accrued interest payable	
Due to other governments	10,722
Unearned revenue	
Funds held as fiduciary	
Debt due within one year	
Other current liabilities	
TOTAL CURRENT LIABILITIES	15,803

NON-CURRENT LIABILITIES

Debt due in more than one year	
Net pension liabilities	
Other non-current liabilities	
TOTAL NON-CURRENT LIABILITIES	0
TOTAL LIABILITIES	15,803

DEFERRED INFLOWS OF RESOURCES

Deferred amount on debt refundings	
Deferrals related to pensions	
Other deferred inflows of resources	
TOTAL DEFERRED INFLOWS OF RESOURCES	0
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	15,803

NET POSITION

Net investment in capital assets	5,599,725
Restricted	
Unrestricted	932,309
TOTAL NET POSITION	6,532,034
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES AND NET POSITION	6,547,837

FRANKLIN COUNTY GENERAL AUTHORITY
Mass Transit
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2020

MASS TRANSIT OPERATING REVENUES	
Charges for service	
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	
TOTAL MASS TRANSIT OPERATING REVENUES	0

MASS TRANSIT OPERATING EXPENSES	
Administrative	
Contracted services	
Personnel services	
Supplies and materials	
Repairs and maintenance	
Utilities	
Other services and charges	
Depreciation and amortization	
Fundraising*	
Program services*	
Other operating expenses	
TOTAL MASS TRANSIT OPERATING EXPENSES	0
MASS TRANSIT OPERATING INCOME (LOSS)	0

MASS TRANSIT NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	
Other nonoperating revenues	
Other nonoperating (expenses)	(2,730,352)
Debt service principal and interest (expense)**	
TOTAL MASS TRANSIT NONOPERATING REVENUES (EXPENSES)	(2,730,352)

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	(2,730,352)
NET POSITION - BEGINNING OF YEAR	2,730,352
PRIOR PERIOD ADJUSTMENT	
MASS TRANSIT NET POSITION - END OF YEAR	0

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
Sewer
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2020

SEWER OPERATING REVENUES	
Charges for service	171,716
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	127
TOTAL SEWER OPERATING REVENUES	171,843

SEWER OPERATING EXPENSES	
Administrative	32,421
Contracted services	178,789
Personnel services	28,113
Supplies and materials	
Repairs and maintenance	4,046
Utilities	50,310
Other services and charges	
Depreciation and amortization	180,403
Fundraising*	
Program services*	
Other operating expenses	
TOTAL SEWER OPERATING EXPENSES	474,082
SEWER OPERATING INCOME (LOSS)	(302,239)

SEWER NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	
Other nonoperating revenues	127,996
Other nonoperating (expenses)	
Debt service principal and interest (expense)**	
TOTAL SEWER NONOPERATING REVENUES (EXPENSES)	127,996

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	(174,243)
NET POSITION - BEGINNING OF YEAR	4,902,099
PRIOR PERIOD ADJUSTMENT	
SEWER NET POSITION - END OF YEAR	4,727,856

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
Water
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
FOR THE FISCAL YEAR ENDING 2020

WATER OPERATING REVENUES	
Charges for service	882,015
Lease rental income (Financing authorities, only)	
Operating grants:	
Federal	
State	
Local	
Other	
Contributions	
Interest income	
Assessment revenue*	
Payments in lieu of assessments*	
Program income*	
Other operating revenue	1,526
TOTAL WATER OPERATING REVENUES	883,541

WATER OPERATING EXPENSES	
Administrative	52,295
Contracted services	536,367
Personnel services	61,568
Supplies and materials	
Repairs and maintenance	51,390
Utilities	44,034
Other services and charges	
Depreciation and amortization	56,098
Fundraising*	
Program services*	
Other operating expenses	
TOTAL WATER OPERATING EXPENSES	801,752
WATER OPERATING INCOME (LOSS)	81,789

WATER NONOPERATING REVENUES / (EXPENSES)	
Nonoperating grants:	
Federal	
State	

Local	
Other	
Investment earnings / (losses)	216
Interest expense	
Gain / (loss) on sale of assets	
Other financing sources / (uses)	
Other nonoperating revenues	90,473
Other nonoperating (expenses)	(127,996)
Debt service principal and interest (expense)**	
TOTAL WATER NONOPERATING REVENUES (EXPENSES)	(37,307)

CAPITAL CONTRIBUTIONS	
CHANGE IN NET POSITION	44,482
NET POSITION - BEGINNING OF YEAR	1,759,696
PRIOR PERIOD ADJUSTMENT	
WATER NET POSITION - END OF YEAR	1,804,178

*Business/Neighborhood Improvement Districts

**see the Authorities and Non-Profits Annual Financial Report Tip Sheet available from your Start Page.

FRANKLIN COUNTY GENERAL AUTHORITY
STATEMENT OF FIDUCIARY NET POSITION
FOR THE FISCAL YEAR ENDING 2020

ASSETS		
	Trust Funds	Custodial Funds
Cash and cash equivalents		
Receivables		
Investments, at fair value		
Restricted assets:		
Temporarily restricted:		
Cash, or cash equivalents		
Investments		
Intergovernmental receivables		
Permanently restricted:		
Investments		
Other assets		
TOTAL ASSETS	0	0

DEFERRED OUTFLOWS OF RESOURCES		
	Trust Funds	Custodial Funds
Other deferred outflows of resources		
TOTAL DEFERRED OUTFLOWS OF RESOURCES	0	0
TOTAL ASSETS AND DEFERRED OUTFLOWS OF RESOURCES	0	0

LIABILITIES		
	Trust Funds	Custodial Funds
Accounts payable and other current liabilities		
Due to other governments		
Unearned revenue		
Debt due within one year		
Other liabilities		
TOTAL LIABILITIES	0	0

DEFERRED INFLOWS OF RESOURCES		
	Trust Funds	Custodial Funds
Other deferred inflows of resources		
TOTAL DEFERRED INFLOWS OF RESOURCES	0	0
TOTAL LIABILITIES AND DEFERRED INFLOWS OF RESOURCES	0	0

NET POSITION

	Trust Funds	Custodial Funds
Assets held in trust for pension/other postemployment benefits		
Other		
TOTAL NET POSITION	0	0
TOTAL LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION	0	0

FRANKLIN COUNTY GENERAL AUTHORITY

**STATEMENT OF CHANGES IN FIDUCIARY NET POSITION
FOR THE FISCAL YEAR ENDING 2020**

ADDITIONS		
Contributions		
	Trust Funds	Custodial Funds
Employer		
Plan members		
Private donations		
Other		
TOTAL CONTRIBUTIONS	0	0
Investment Earnings		
	Trust Funds	Custodial Funds
Interest		
Net increase / (decrease) in the fair value of investments		
Other		
TOTAL INVESTMENT EARNINGS	0	0
	Trust Funds	Custodial Funds
Less investment expenses		
TOTAL ADDITIONS	0	0
DEDUCTIONS		
	Trust Funds	Custodial Funds
Benefits		
Administrative expenses		
Other		
TOTAL DEDUCTIONS	0	0
NET POSITION		
	Trust Funds	Custodial Funds
CHANGE IN NET POSITION	0	0
NET POSITION - BEGINNING OF YEAR	0	0
PRIOR PERIOD ADJUSTMENT		
NET POSITION - END OF YEAR	0	0

**DEBT STATEMENT
FISCAL YEAR ENDING 2020**

Purpose	Issuance Type	Issue Year (YYYY)	Maturity Year (YYYY)	Original Amount of Issue	Outstanding Beginning of Year	Principal Incurred This Year	Principal Paid This Year	Current Year Accretion on Compound Interest Bonds	Outstanding at Year End	
									Total Bonds and Notes Outstanding	\$0
									Capitalized Lease Obligations	
									Plus (Less) Unamortized Premium (Discount)	
									NET DEBT	\$0

SIGNATURE AND VERIFICATION

I certify that the foregoing information is correct and complete for the 2020 municipal Authority's fiscal year.

Name: Cindy Lawver

Title: Financial Manager

Phone: (717) 267-9351

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-3

A-3 Please provide a copy of the two most recent audited financial statements for the Letterkenny Industrial Development Authority (LIDA) and clarify whether LIDA's financial statements include assets being acquired by York-WW.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached are copies of LIDA's two most recent audited financial statements (2019 and 2020) and a summary of the assets held by LIDA that are being acquired by York Water. The values shown on the summary of assets are the undepreciated original cost and include both water wastewater assets.

Audited
Financial
Statements

December 31,
2019

Letterkenny Industrial
Development Authority

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INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Letterkenny Industrial Development Authority
Chambersburg, Pennsylvania

We have audited the accompanying financial statements of the governmental activities, the business-type activities, and each major fund of the Letterkenny Industrial Development Authority, a component unit of Franklin County, Pennsylvania, as of and for the year ended December 31, 2019, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, as listed in the table of contents.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

AUDITOR'S RESPONSIBILITY

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

OPINIONS

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and each major fund of the Letterkenny Industrial Development Authority as of December 31, 2019, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

OTHER MATTERS

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 11 and budgetary comparison schedule on page 35 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Smith & Groat Reams & Company, LLC

Chambersburg, Pennsylvania
May 19, 2020

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information – Unaudited

The discussion and analysis of the Letterkenny Industrial Development Authority's (LIDA) financial performance provides an overall review of the Authority's financial activities for the year ended December 31, 2019. The intent of this discussion and analysis is to look at the Authority's financial performance as a whole; readers should also review the financial statements and notes to the financial statements to enhance their understanding of the Authority's financial performance.

The Management Discussion and Analysis (MD&A) is an element of the reporting model adopted by the Governmental Accounting Standards Board (GASB) in their Statement No. 34, *Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments*. Certain comparative information between the current year and the prior year is required to be presented in the MD&A.

FINANCIAL HIGHLIGHTS

In 2019, the property-related revenues were up entirely due to a 4.75-acre sale. The property-related expenditures were down considerably due to the transfer made in 2018 to the Franklin County General Authority in support of operations that was not necessary in 2019. The major expenditures in 2019 were in legal fees associated with the potential sale of the water and wastewater assets and engineering fees associated with the creation of land development plans. There were no property transfers from the Army in 2019. Electric net income was up in 2019 primarily due to increased Park usage. Expenditures remained relatively static. The power purchase contract with AEP Energy Partners is in effect through May 31, 2022 with a lower purchase price negotiated beginning June 1, 2019. LIDA has completed projects that replaced all street lighting with LED bulbs and replaced all cutouts and arrestors throughout the entire distribution system. LIDA has not increased electric rates to its customers since 2007. The main revenue source in 2019 was the electrical distribution system.

USING THE ANNUAL FINANCIAL STATEMENTS

The financial report consists of the Management Discussion and Analysis and a series of financial statements and notes to those statements. These statements are organized so that the reader can understand Letterkenny Industrial Development Authority as an entire operating entity. The statements then proceed to provide an increasingly detailed look at specific financial activities.

The first two statements are government-wide financial statements – the Statement of Net Position and the Statement of Activities. These provide both long-term and short-term information about the Authority's overall financial status.

The remaining statements are fund financial statements that focus on individual parts of the Authority's operations in more detail than the government-wide statements. The governmental funds statement tells how general Authority operations were financed in the short term as well as what remains for future spending. The proprietary fund statement offers short and long-term financial information about the activities the Authority operates like a business. For this Authority, this is our Electric Distribution Fund.

The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Figure 1 summarizes the major features of the Authority's financial statements, including the portion of the Authority they cover and the types of information they contain. The remainder of this overview section of management discussion and analysis explains the structure and contents of each of the statements.

Figure 1
Major Features of Letterkenny Industrial Development Authority's
Government-wide and Fund Financial Statements

	Government-wide Statements	Governmental Funds	Proprietary Funds
Scope	Entire Authority	The activities of the Authority that are not proprietary, such as administration and property-related activity	Activities the Authority operates similar to private business – Electric Distribution
Required financial statements	Statement of net position Statement of activities	Balance Sheet Statement of revenues, expenditures, and changes in fund balance	Statement of net position Statement of revenues, expenses and changes in net position Statement of cash flows
Accounting basis and measurement focus	Accrual accounting and economic resources focus	Modified accrual accounting and current financial resources focus	Accrual accounting and economic resources focus
Type of asset/liability information	All assets and liabilities, both financial and capital, and short-term and long-term	Only assets expected to be used up and liabilities that come due during the year or soon thereafter; no capital assets included	All assets and liabilities, both financial and capital, and short-term and long-term
Type of inflow-outflow information	All revenues and expenses during year, regardless of when cash is received or paid	Revenues for which cash is received during or soon after the end of the year; expenditures when goods or services have been received and payment is due during the year or soon thereafter	All revenues and expenses during year, regardless of when cash is received or paid

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

OVERVIEW OF FINANCIAL STATEMENTS

Government-wide Statements

The government-wide statements report information about the Authority as a whole using accounting methods similar to those used by private-sector companies. The statement of net position includes all of the authority's assets and liabilities. All of the current year's revenues and expenses are accounted for in the statement of activities regardless of when cash is received or paid.

The two government-wide statements report the Authority's net position and how they have changed. The net change in position, the difference between the Authority's revenues and expenditures, are one way to measure the Authority's financial health or position.

Over time, increases or decreases in the Authority's net position are an indication of whether its financial health is improving or deteriorating, respectively.

To assess the overall health of the Authority, you need to consider additional non-financial factors, such as changes in the Authority's customer base and number of jobs created and/or retained in the community.

The government-wide financial statements of the Authority are divided into two categories:

- Governmental activities – All of the Authority's basic services are included here, such as administration, grant-funded activities and property activities.
- Business type activities – The Authority operates an electrical distribution system and charges fees to electrical customers within the Cumberland Valley Business Park and the United States Army to cover the costs of the Electrical Distribution operation.

Fund Financial Statements

The Authority's fund financial statements provide detailed information about the most significant funds – not the Authority as a whole.

Governmental funds – Most of the Authority's activities are reported in governmental funds, which focus on the determination of financial position and change in financial position, not on income determination. They are reported using an accounting method called modified accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. The governmental fund statements provide a detailed short-term view of the Authority's operations and the services it provides. Governmental fund information helps the reader determine whether there are more or fewer financial resources that can be spent in the near future to finance the Authority's activities. The relationship (or differences) between governmental activities (reported in the Statement of Net Position and the Statement of Activities) and governmental funds is reconciled in the financial statements.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Proprietary funds – These funds are used to account for the Authority activities that are similar to business operations in the private sector; or where the reporting is on determining net income, financial position, changes in financial position, and a significant portion of funding through user charges. When the Authority charges customers for services it provides – whether to outside customers or to other units in the Authority – these services are generally reported in proprietary funds. The Electrical Distribution Fund is the Authority’s proprietary fund and is the same as the business-type activities we report in the government-wide statements, but provides more detail and additional information, such as cash flows.

FINANCIAL ANALYSIS OF THE AUTHORITY AS A WHOLE

The Authority’s total net position was \$ 57,870,848 at December 31, 2019.

Table 1
December 31, 2019
Net Position

	Governmental Activities	Business-type Activities	Total
Current and other assets	\$ 1,231,135	\$ 12,768,089	\$ 13,999,224
Non-current assets	35,835,602	8,721,138	44,556,740
Total Assets	<u>37,066,737</u>	<u>21,489,227</u>	<u>58,555,964</u>
Current and other liabilities	298,149	324,494	622,643
Non-current liabilities	62,473	-	62,473
Total Liabilities	<u>360,622</u>	<u>324,494</u>	<u>685,116</u>
Net Position			
Net investment in capital assets	31,452,983	8,721,138	40,174,121
Unrestricted	5,253,132	12,443,595	17,696,727
Total Net Position	<u>\$ 36,706,115</u>	<u>\$ 21,164,733</u>	<u>\$ 57,870,848</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

December 31, 2018
Net Position

	Governmental Activities	Business-type Activities	Total
Current and other assets	\$ 503,572	\$ 11,283,994	\$ 11,787,566
Non-current assets	<u>36,155,132</u>	<u>9,037,989</u>	<u>45,193,121</u>
Total Assets	<u>36,658,704</u>	<u>20,321,983</u>	<u>56,980,687</u>
Current and other liabilities	241,018	339,765	580,783
Non-current liabilities	<u>50,869</u>	<u>-</u>	<u>50,869</u>
Total Liabilities	<u>291,887</u>	<u>339,765</u>	<u>631,652</u>
Net Position			
Net investment in capital assets	32,329,461	9,037,989	41,367,450
Unrestricted	<u>4,037,356</u>	<u>10,944,229</u>	<u>14,981,585</u>
Total Net Position	<u>\$ 36,366,817</u>	<u>\$ 19,982,218</u>	<u>\$ 56,349,035</u>

Most of the Authority's total net position is invested in capital assets (buildings, land, and equipment). The remaining unrestricted net position is undesignated amounts. The \$ 1,521,813 increase in total net position from 2018 to 2019 is detailed in Table 2.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

The results of this year's operations as a whole are reported in the Statement of Activities. All expenses are reported in the first column. Specific charges, grants, and contributions that directly relate to specific expense categories are represented to determine the final amount of the Authority's activities that are supported by other general revenues. The largest general revenue is investment earnings earned on leasing properties and financing of property sales.

Table 2 takes the information from that Statement and rearranges it slightly, so you can see the total revenues for the year.

Table 2
Year ended December 31, 2019
Changes in Net Position

	Governmental Activities	Business-type Activities	Total
Revenues			
<i>Program revenues</i>			
Charges for services/property sales	\$ 1,698,927	\$ 5,438,081	\$ 7,137,008
Capital grants and contributions	-	201,975	201,975
<i>General revenues</i>			
Investment earnings	4,193	85,803	89,996
Total revenues	<u>1,703,120</u>	<u>5,725,859</u>	<u>7,428,979</u>
Expenses			
Administrative	516,307	-	516,307
General Government	42,604	-	42,604
Property Sales	799,840	-	799,840
Special Item - Contribution to FCGA	5,071	-	5,071
Electric	-	4,543,344	4,543,344
Total expenses	<u>1,363,822</u>	<u>4,543,344</u>	<u>5,907,166</u>
(Decrease)/Increase in net position	<u>\$ 339,298</u>	<u>\$ 1,182,515</u>	<u>\$ 1,521,813</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Year ended December 31, 2018
Changes in Net Position

	Governmental Activities	Business-type Activities	Total
Revenues			
<i>Program revenues</i>			
Charges for services/property sales	\$ 1,221,301	\$ 5,529,640	\$ 6,750,941
Capital grants and contributions	-	42,670	42,670
<i>General revenues</i>			
Investment earnings	<u>136</u>	<u>42,412</u>	<u>42,548</u>
Total revenues	<u>1,221,437</u>	<u>5,614,722</u>	<u>6,836,159</u>
Expenses			
Administrative	438,791	-	438,791
General Government	63,273	-	63,273
Property Sales	759,373	-	759,373
Special Item - Contribution to FCGA	345,804	-	345,804
Electric	<u>-</u>	<u>4,509,134</u>	<u>4,509,134</u>
Total expenses	<u>1,607,241</u>	<u>4,509,134</u>	<u>6,116,375</u>
(Decrease)/Increase in net position	<u><u>\$ (385,804)</u></u>	<u><u>\$ 1,105,588</u></u>	<u><u>\$ 719,784</u></u>

THE AUTHORITY FUNDS

At December 31, 2019, the Authority governmental funds reported a combined fund balance of \$ 723,648, which is an increase of \$ 620,833. This increase in cash is due to a property sale and the fact that LIDA did not need to provide support to FCGA in 2019.

General Fund Budget

Authority revenues were less than were budgeted by about \$ 120,000, primarily due to less than budgeted property sales due to an additional delay in land transfer from the Army. The expenditures were less than the budgeted amount by about \$ 1,500,000, due to a delay in the Barn reuse land development plan and the unnecessary FCGA support transfer that was budgeted. A schedule showing the Authority's budget amounts compared with amounts actually paid and received is provided on page 35.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

At December 31, 2018, the Authority had \$ 40,174,121 invested in a broad range of capital assets, including land, buildings, furniture and equipment, roads, and water and sewer assets held for Franklin County General Authority. This amount represents a net decrease (including additions, retirements, and depreciation) of \$ 1,193,329, or 2.88%, from 2018.

Table 5
Capital Assets – Net of Depreciation

	2019	2018
Roads	\$ -	\$ -
Land	15,725,891	16,305,191
Permanent Easements	1,036,548	1,036,548
Buildings	5,571,760	5,863,707
Buildings held for sale/lease	1,521,192	1,521,192
Furniture and equipment	8,725,453	9,042,801
Stormwater system	121,822	126,556
Assets held for FCGA	7,471,455	7,471,455

See footnote 4 in the financial statements for details of additions and deletions.

Debt Administration

As of December 31, 2019, the Authority had no long-term debts or obligations.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS AND RATES

The Authority negotiated a two-year extension to the power generation and transmission contact through 2022, with lower rates going into effect in 2020. There has been no electric rate increase to customers since 2007 and LIDA does not have any plans to raise rates in the near future. There were no new construction or major renovation projects completed in 2019, as the Authority focused on the potential sale of the utility systems.

The revenue budget for 2020 is \$ 71,350 less than the budget for 2019. This represents a 1% decrease in budgeted revenues and is due to expected increases in leasehold revenues. The expenditure budget for 2020 is approximately \$ 3,500,000 more than the budget for 2019, or a 48% increase. This expected increase is due to a budgeted \$ 3,000,000 for construction of a new building and extensive leasehold improvements budgeted in 2020.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

The comparison of 2019/2020 budgeted revenue and expenditure categories is as follows:

Table 6

Budgeted Revenues		
	2020	2019
Local/Other	100.00%	100.00%
Federal	0.00%	0.00%
State	0.00%	0.00%

Budgeted Expenses		
	2020	2019
Property Activities	90.64%	79.50%
General Government	0.43%	0.99%
Administration	8.93%	19.51%

CONTACTING THE AUTHORITY FINANCIAL MANAGEMENT

Our financial report is designed to provide the general public and creditors with a general overview of the Authority's finances and show the Board's accountability for the money it receives. If you have questions about this report or wish to request additional financial information, please contact Cindy Lawver, Financial Manager at Letterkenny Industrial Development Authority, 5540 Coffey Avenue, Chambersburg, PA 17201, (717) 267-9351.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Net Position
December 31, 2019

	Governmental Activities	Business-Type Activities	Total
ASSETS			
Current Assets			
Cash and cash equivalents	\$ 787,868	\$ 9,585,697	\$ 10,373,565
Investments - certificates of deposit	-	2,500,000	2,500,000
Utilities receivable - billed	-	439,202	439,202
Utilities receivable - unbilled	-	241,125	241,125
Other receivables (including related party)	41,815	-	41,815
Prepaid expenses	33,082	2,065	35,147
Notes receivable - current	121,161	-	121,161
Leases receivable - current	247,209	-	247,209
Total current assets	<u>1,231,135</u>	<u>12,768,089</u>	<u>13,999,224</u>
Noncurrent Assets			
Notes receivable - noncurrent	1,114,892	-	1,114,892
Leases receivable - noncurrent	3,267,727	-	3,267,727
Capital assets not being depreciated:			
Land held for sale	15,725,891	-	15,725,891
Permanent easements	1,036,548	-	1,036,548
Buildings held for sale	1,521,192	-	1,521,192
Capital assets held for FCGA	7,471,455	-	7,471,455
Capital assets net of depreciation:			
Stormwater system	121,822	-	121,822
Electric system	-	8,721,138	8,721,138
Furniture & equipment	4,315	-	4,315
Buildings	5,571,760	-	5,571,760
Total noncurrent assets	<u>35,835,602</u>	<u>8,721,138</u>	<u>44,556,740</u>
Total Assets	<u>\$ 37,066,737</u>	<u>\$ 21,489,227</u>	<u>\$ 58,555,964</u>
LIABILITIES			
Current liabilities			
Accounts payable (including related party)	\$ 80,116	\$ 324,494	\$ 404,610
Accrued salaries and benefits/withholdings	10,039	-	10,039
Security deposits	48,962	-	48,962
Unearned interest revenue - current	159,032	-	159,032
Total current liabilities	<u>298,149</u>	<u>324,494</u>	<u>622,643</u>
Noncurrent liabilities			
Unearned interest revenue - noncurrent	62,473	-	62,473
Total Liabilities	<u>360,622</u>	<u>324,494</u>	<u>685,116</u>
NET POSITION			
Net investment in capital assets	31,452,983	8,721,138	40,174,121
Unrestricted	5,253,132	12,443,595	17,696,727
Total Net Position	<u>36,706,115</u>	<u>21,164,733</u>	<u>57,870,848</u>
Total Liabilities And Net Position	<u>\$ 37,066,737</u>	<u>\$ 21,489,227</u>	<u>\$ 58,555,964</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Activities
Year Ended December 31, 2019

Functions/Programs	Program Revenues			Net (Expense) Revenue and Changes in Net Position			
	Expenses	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-type Activities	Total
Governmental activities							
Administration	\$ 516,307	\$ 115,728	\$ -	\$ -	\$ (400,579)	\$ -	\$ (400,579)
General government	42,604	-	-	-	(42,604)	-	(42,604)
Property sales and leases	799,840	1,583,199	-	-	783,359	-	783,359
Contributions to and on behalf of FCGA	5,071	-	-	-	(5,071)	-	(5,071)
Total governmental activities	<u>1,363,822</u>	<u>1,698,927</u>	<u>-</u>	<u>-</u>	<u>335,105</u>	<u>-</u>	<u>335,105</u>
Business-type activities							
Electric	4,543,344	5,438,081	-	201,975	-	1,096,712	1,096,712
Total primary government	<u>\$ 5,907,166</u>	<u>\$ 7,137,008</u>	<u>\$ -</u>	<u>\$ 201,975</u>	<u>335,105</u>	<u>1,096,712</u>	<u>1,431,817</u>
General revenues							
Investment earnings					4,193	85,803	89,996
Total general revenues					<u>4,193</u>	<u>85,803</u>	<u>89,996</u>
Change in net position					339,298	1,182,515	1,521,813
Net position - beginning					36,366,817	19,982,218	56,349,035
Net position - ending					<u>\$ 36,706,115</u>	<u>\$ 21,164,733</u>	<u>\$ 57,870,848</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Balance Sheet - Governmental Fund
December 31, 2019

	General Fund
ASSETS	
Cash and cash equivalents	\$ 787,868
Receivables (including related party)	41,815
Prepaid expenses	<u>33,082</u>
Total assets	<u>\$ 862,765</u>
LIABILITIES AND FUND BALANCE	
Liabilities	
Accounts payable	\$ 80,116
Payroll withholdings	10,039
Security deposits	<u>48,962</u>
Total liabilities	<u>139,117</u>
Fund Balance	
Nonspendable - prepaid expenses	33,082
Unassigned	<u>690,566</u>
Total fund balance	<u>723,648</u>
Total liabilities and fund balance	<u>\$ 862,765</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Reconciliation of the Governmental Funds Balance Sheet to the
Statement of Net Position
December 31, 2019

Total fund balance - governmental funds \$ 723,648

Amounts reported for governmental activities in the Statement of Net Position are different because:

Capital assets used in governmental activities are not current financial resources and therefore are not reported in this fund financial statement, but are reported in the governmental activities of the Statement of Net Position.

Cost of assets	35,279,485	
Accumulated depreciation	<u>(3,826,502)</u>	31,452,983

Income for sales type leases is recognized in the governmental funds when payments are received. For the government-wide statements, this revenue is recognized when earned and a receivable is recorded. This is the total amount of the receivable at year-end less unearned interest revenue.

3,293,431

Notes receivable are only recorded in governmental funds to the extent that they are available at year end. For the government-wide statements, the entire receivable is recorded.

1,236,053

Net position of governmental activities in the
Statement of Net Position \$ 36,706,115

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Revenues, Expenditures and Changes in Fund Balance -
Governmental Fund
Year Ended December 31, 2019

	General Fund
REVENUES	
Sale of property	\$ 394,508
Reimbursements	96,370
Administrative fees from CVBP	15,000
Administrative fees from FCGA	100,022
Interest income and finance charges	193,896
Lease purchase income	63,050
Lease rental income	821,741
Miscellaneous	2,890
Total revenues	<u>1,687,477</u>
EXPENDITURES	
Salaries and wages and payroll taxes	398,703
Employee benefits	55,566
Travel expenditures	12,691
Equipment	5,576
Supplies and office expenditure	30,185
Professional fees	110,801
Site development	91,928
Membership fees	100
Maintenance and demolition	58,290
Insurance	87,521
Rental utilities	84,165
Rental maintenance/improvements	70,605
Meetings and entertainment	4,254
Advertising	30,384
Donations	2,100
Miscellaneous	10,786
Cost of property sales	7,918
Contribution to and on behalf of FCGA	5,071
Total expenditures	<u>1,066,644</u>
Net change in fund balance	620,833
Fund balance - beginning	<u>102,815</u>
Fund balance - ending	<u><u>\$ 723,648</u></u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Reconciliation of the Statement of Revenues, Expenditures and Changes in Fund Balance
of Governmental Funds to the Statement of Activities
Year Ended December 31, 2019

Net change in fund balance - total governmental funds \$ 620,833

Governmental funds report outlays for capital assets as expenditures because such outlays use current financial resources. In contrast, the Statement of Activities reports only a portion of the outlay as expense. The outlay is allocated over the assets estimated useful lives as depreciation expense for the period. This is the amount by which capital outlays differed from depreciation expense in the current period.

Depreciation expense	(329,529)	
Capital outlays - net of disposals	(546,949)	(876,478)

Payments received on sales type leases are recorded as revenue in the governmental funds when received, but are recorded as revenue and receivable for the government-wide statements when earned. This is the difference between the amount earned and recorded as receivable for the government-wide statements and the amount recorded as revenue for the fund financial statements.

594,943

Change in net position of governmental activities **\$ 339,298**

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Net Position - Proprietary Fund
December 31, 2019

	Electric Fund
ASSETS	
Current Assets	
Cash and cash equivalents	\$ 9,585,697
Investments	2,500,000
Prepaid expenses	2,065
Utilities receivable - billed	439,202
Utilities receivable - unbilled	<u>241,125</u>
Total current assets	<u>12,768,089</u>
 Noncurrent Assets	
Electric system	16,708,798
Accumulated depreciation	<u>(7,987,660)</u>
Total noncurrent assets	<u>8,721,138</u>
Total assets	<u><u>\$ 21,489,227</u></u>
 LIABILITIES	
Current Liabilities	
Accounts payable	\$ 316,963
Sales tax payable	<u>7,531</u>
Total current liabilities	<u>324,494</u>
 NET POSITION	
Net investment in capital assets	8,721,138
Unrestricted	<u>12,443,595</u>
Total net position	<u>21,164,733</u>
Total liabilities and net position	<u><u>\$ 21,489,227</u></u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Revenues, Expenses, and Changes in Fund Net Position - Proprietary Fund
Year Ended December 31, 2019

	Electric Fund
OPERATING REVENUE	
Sales and user charges to customers	\$ 5,424,303
Connection fees	2,591
Miscellaneous	11,187
Total operating revenues	<u>5,438,081</u>
OPERATING EXPENSES	
Electric costs	3,822,468
Depreciation	489,062
Maintenance	208,802
Insurance	8,248
Connection costs	1,335
Miscellaneous	205
Professional services	13,224
Total operating expenses	<u>4,543,344</u>
Operating income	894,737
NON-OPERATING REVENUES (EXPENSES)	
Interest income	85,803
CAPITAL CONTRIBUTIONS	<u>201,975</u>
Change in net position	1,182,515
Total net position - beginning	<u>19,982,218</u>
Total net position - ending	<u>\$ 21,164,733</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Cash Flows - Proprietary Fund
Year Ended December 31, 2019

	Electric Fund
Cash flows from operating activities	
Cash received from customers	\$ 5,640,992
Cash payments to suppliers for goods and services	<u>(4,069,241)</u>
Net cash provided by operating activities	<u>1,571,751</u>
Cash flows from capital and related financing activities	
Capital contribution	201,975
Purchase/construction of capital assets	<u>(172,211)</u>
Net cash provided by capital and related financing activities	<u>29,764</u>
Cash flows from investing activities	
Earnings on investments	<u>85,803</u>
Net cash provided by investing activities	<u>85,803</u>
Net increase in cash and cash equivalents	1,687,318
Cash and cash equivalents - beginning	<u>7,898,379</u>
Cash and cash equivalents - ending	<u><u>\$ 9,585,697</u></u>
Reconciliation of income from operations to net cash provided by operating activities	
Cash flows from operating activities	
Operating income	\$ 894,737
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation	489,062
(Increase) decrease in:	
Utilities receivable	202,911
Prepaid expenses	312
Increase (decrease) in:	
Accounts payable	<u>(15,271)</u>
Total adjustments	<u>677,014</u>
Net cash provided by operating activities	<u><u>\$ 1,571,751</u></u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY

Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Operations

Letterkenny Industrial Development Authority (LIDA or the Authority) was formed in August 1997 to implement redevelopment activities for the reuse of the Letterkenny Army Depot (Depot) as a Business Park, which includes leasing or selling land, facilities, or equipment to industrial or commercial firms.

The financial statements of the Authority have been prepared in conformity with generally accepted accounting principles (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The more significant of the government's accounting policies are described below.

Reporting Entity

The Governmental Accounting Standards Board (GASB) Statements define the criteria used to determine the composition of the reporting entity. These standards require that the reporting entity include (1) the primary government, (2) organizations for which the primary government is financially accountable, (3) organizations that are fiscally dependent on the primary government and a financial benefit or burden exists, and (4) other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity's financial statements to be misleading or incomplete. The Authority has no component units but is a component unit of Franklin County (Pennsylvania) as the Franklin County Commissioners appoint the board members and the Authority exists for the sole benefit of the County. The financial statements of Franklin County are prepared separately.

The following organizations are considered to be affiliated with LIDA through oversight or common management, but are not component units:

Franklin County General Authority (FCGA)
Cumberland Valley Business Park Association, Inc. (CVBP)

Fund Accounting

LIDA uses funds to maintain its financial records during the fiscal year. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities. A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts. The various funds of the Authority are grouped into the categories of governmental and proprietary.

1. Governmental Funds

Governmental funds are those through which most activities of the Authority are financed. The measurement focus is on the flow of expendable resources, rather than on net earnings determination.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Accounting (Continued)

The Authority reports the following major governmental fund:

General Fund

The General Fund is used to account for all or most of the Authority's general activities, the acquisition or construction of fixed assets, and servicing of any long-term debt. The General Fund is used to account for all activities of the general government not accounted for in some other fund.

2. Proprietary Funds

Proprietary Funds are used to account for the Authority's ongoing activities which are similar to those often found in the private sector. The focus of proprietary funds is on the determination of net earnings and capital maintenance. The following fund is utilized:

Electric Fund

LIDA is operating the electric distribution system on the Depot's property. This fund accounts for all the revenues and expenses associated with providing electric to customers in the Business Park.

Classification of Revenues

For the proprietary fund, LIDA has classified its revenues as either operating or nonoperating revenues according to the following criteria:

- *Operating Revenues* – Operating revenues include activities that have the characteristics of exchange transactions, such as (1) utility billings; (2) penalties and late charges; and (3) other miscellaneous sales.
- *Nonoperating Revenues* – Nonoperating revenues include activities that have the characteristics of non-exchange transactions (in which LIDA receives value without directly giving equal value in return), such as contributions and grants, and other revenues that are defined as nonoperating revenues, such as investment earnings.

Basis of Presentation

Government-wide Financial Statements – The statement of net position and the statement of activities display information about the Authority as a whole. The statements distinguish between those activities of the Authority that are governmental and those that are considered business-type activities.

The government-wide statements are prepared using the economic resources measurement focus. This is the same approach used in the preparation of the proprietary fund financial statements but differs from the manner in which governmental fund financial statements are prepared. Governmental fund financial statements therefore include a reconciliation with brief explanations to better identify the relationship between the government-wide statements and the statements for governmental funds.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Basis of Presentation (Continued)

The government-wide statement of activities presents a comparison between direct expenses and program revenues for each segment of the business-type activities of the Authority, and for each function or program of the Authority's governmental activities. Direct expenses are those that are specifically associated with a service, program, or department and therefore clearly identifiable to a particular function. Program revenues include charges paid by the recipient of the goods or services offered by the program and grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues which are not classified as program revenues are presented as general revenues of the Authority, with certain limited exceptions. The comparison of direct expenses with program revenues identifies the extent to which each business segment or governmental function is self-financing or draws from the general revenues of the Authority.

Fund Financial Statements - Fund financial statements report detailed information about the Authority. The focus of governmental and proprietary fund financial statements is on major funds rather than reporting funds by type. Each major fund is presented in a separate column. There are no non-major funds.

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. All governmental fund types are accounted for using a flow of current financial resources measurement focus. The financial statements for governmental funds are a balance sheet, which generally includes only current assets and current liabilities, and a statement of revenues, expenditures, and changes in fund balances, which reports on the sources (i.e., revenues and other financing sources) and uses (i.e., expenditures and other financing uses) of current financial resources.

All proprietary funds are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operation of these funds are included on the statement of net position. The statement of changes in fund net position presents increases (i.e., revenues) and decreases (i.e., expenses) in net total position. The statement of cash flows provides information about how the Authority finances and meets the cash flow needs of its proprietary activities.

Basis of Accounting

The government-wide and proprietary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. Net position (total assets less total liabilities) is used as a practical measure of economic resources and the operating statement includes all transactions and events that increased or decreased net position. Depreciation is charged as expense against current operations and accumulated depreciation is reported on the statement of net position.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Basis of Accounting (Continued)

The governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. Available is typically defined to be a period within 60 days of the end of the fiscal year. Revenue from federal, state, and other grants designated for payment of specific Authority expenditures is recognized when the related expenditures are incurred; accordingly, when such funds are received, they are recorded as liabilities until earned. If time eligibility requirements are not met, a deferred inflow of resources would be recorded. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due.

Capital Assets

General capital assets are those assets not specifically related to activities reported in the proprietary funds and generally result from expenditures in the governmental funds. These assets are reported in the governmental activities column of the government-wide statement of net position but are not reported in the fund financial statements. Capital assets utilized by the proprietary fund are reported both in the business-type activities column of the government-wide statement of net position and in the respective fund.

All capital assets are reported at cost (or estimated historical cost) and updated for additions and retirements during the year. Donated capital assets are valued at their acquisition values as of the date received. These estimates are significant due to the fact that LIDA receives a majority of its property as a donation/transfer from the U.S. Army. The Authority maintains a capitalization threshold of \$ 3,500. Improvements are capitalized; the costs of normal maintenance and repairs that do not add to the value of the asset or materially extend an asset's life are expensed.

LIDA is actively selling the property that is transferred from the Army. These buildings and land are considered held for sale, and accordingly, are not depreciated on the government-wide statements. However, some of this property is currently being leased and used by tenants. These leased assets are being depreciated over their estimated useful lives. LIDA also maintains some assets that are used by FCGA in the operation of its water and sewer system. These assets are not depreciated by LIDA because they are not being used in LIDA's operations. All other furniture, equipment, and assets are being depreciated over their estimated useful lives. Depreciation expense is computed using the straight-line method over the following useful lives:

	Governmental Activities	Business-Type Activities
Roads	10 years	N/A
Stormwater system	40 years	N/A
Furniture and equipment	5 years	N/A
Buildings	20 years	N/A
Electric system	N/A	20-40 years

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Deferred Outflows and Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Authority does not have any items that qualify for reporting in this category.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Authority does not have any items that qualify for reporting in this category.

Net Position – Government-Wide/Proprietary Funds

In the government-wide financial statements and proprietary fund financial statements, net position is classified in the following components:

Net Investment in Capital Assets: This component of net position consists of capital assets, net of accumulated depreciation and reduced by any outstanding balances of any bonds, mortgages, notes, accounts payable, or other borrowings that are attributable to the acquisition, construction, or improvement of those capital assets. If there are significant unspent related debt proceeds at year-end, the portion of debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of debt is included in the same net position component as the unspent proceeds. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt also should be included in this component of net position.

Restricted: This component of net position consists of restricted assets and deferred outflows of resources reduced by liabilities and deferred inflows of resources related to those assets. Generally, a liability relates to restricted assets if the asset results from a resource flow that also results in the recognition of a liability or if the liability will be liquidated with the restricted assets reported.

Unrestricted: This component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

Net Position Flow Assumption

Sometimes the government will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted-net position and unrestricted-net position in the government-wide financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority's policy to consider restricted-net position to have been depleted before unrestricted-net position is applied.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Balance – Governmental Fund Financial Statements

Governmental funds classify fund balance based on the relative strength of the spending constraints placed on the purpose for which resources can be used. The classifications are as follows:

Nonspendable: This classification includes amounts that cannot be spent because they are either (1) not in spendable form or (2) legally or contractually required to be maintained intact. This classification includes items such as prepaid amounts, inventories, and long-term amount of loans and notes receivable. This also includes the corpus (or principal) of permanent funds.

Restricted: This classification includes amounts where the constraints placed on the use of resources are either (1) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or (2) imposed by law through constitutional provisions or enabling legislation. Enabling legislation authorizes the government to assess, levy, charge or mandate payment and includes a legally enforceable requirement on the use of these funds.

Committed: This classification includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the Authority's highest level of decision-making authority. This formal action is in the form of a resolution which is made by the Authority Board. Once an amount is committed, it cannot be used for any other purpose unless changed by the same type of formal action used to initially constrain the funds.

Assigned: This classification includes spendable amounts that are reported in governmental funds *other than the General Fund*, that are neither restricted nor committed, and amounts in the General Fund that are intended to be used for a specific purpose. The intent of an assigned fund balance should be expressed by either the Authority Board, or a subordinate high-level body, such as the Executive Director that is authorized to assign amounts to be used for specific purposes. The Authority has not authorized anyone aside from the Board to make assignments. The assignment of fund balance cannot result in a negative unassigned fund balance.

Unassigned: This classification represents the portion of spendable fund balance that has not been categorized as restricted, committed or assigned. The general fund is the only fund which would include a positive unassigned fund balance as all other fund types must categorize amounts within the other classifications. A negative unassigned fund balance may occur in any fund when there is an over expenditure of restricted or committed fund balance. In this case, any assigned fund balance (and unassigned fund balance in the general fund) would be eliminated prior to reporting a negative unassigned fund balance.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Balance – Governmental Fund Financial Statements (Continued)

Fund Balance Flow Assumptions

Sometimes LIDA will fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is LIDA's policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance. Further, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

Interfund Activity

Advances between funds are accounted for in the appropriate interfund receivable and payable accounts. Advances between funds which are not expected to be repaid are accounted for as transfers. Interfund balances and transactions are eliminated in the government-wide financial statements.

Exchange transactions, if any, between funds are reported as revenues in the seller funds and as expenditures/expenses in the purchaser funds. Flows of cash or goods from one fund to another without any requirement for repayment are reported as interfund transfers. Interfund transfers are reported as other financing sources/uses in governmental funds and as nonoperating revenues/expenses in proprietary funds.

Budgets

Budgets are adopted on a basis consistent with accounting principles generally accepted in the United States of America. Annual appropriated budgets are adopted for the general fund and proprietary fund. All annual appropriations lapse at year end and must be reappropriated. Budgets are revised during the year. Encumbrance accounting is not utilized. During 2019, no budget revisions were made and therefore original and final budgets are the same.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents

Cash and cash equivalents are defined as short-term, highly liquid investments that are readily convertible to known amounts of cash and include investments with original maturities of three months or less.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Statement of Cash Flows – Proprietary Fund Type

For purposes of the statement of cash flows, cash and cash equivalents include amounts deposited in financial institutions. The Authority considers all highly liquid assets with original maturities of three months or less when purchased to be cash equivalents.

Long-Term Obligations

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable governmental or business - type activity columns in the statement of net position. This same treatment applies to proprietary fund financial statements.

Compensated Absences

Liability for compensated absences is accounted for in accordance with the provisions of the GASB, which require entities to accrue for employees' rights to receive compensation for sick leave, as such benefits are earned, and payment becomes probable.

Under the terms of LIDA's employment agreements, employees are granted vacation and sick leave in varying amounts. Vacation and sick leave days not used by the end of the Authority's fiscal year are lost unless otherwise approved. Compensated absences are therefore expensed when paid.

Accounts Receivable

Accounts receivable are recorded in proprietary funds (the electric fund) when invoices are issued and are presented in the statement of net position net of an allowance for doubtful accounts, if applicable. Receivables are considered past due based upon the timing of when payments are received.

Management considers accounts receivable to be fully collectible based on an evaluation of specific receivables, LIDA's historical losses, and the existing local economic conditions. Accordingly, no allowance for doubtful accounts is deemed necessary by management at December 31, 2019. If amounts become uncollectible, they will be charged to operations when that determination is made. It is at least reasonably possible that the estimate used for collectability of receivables will change in the near term.

Notes Receivable

At December 31, 2019, LIDA had notes receivable in connection with land sales. Only the amounts received are reflected as revenues in the governmental fund statements under the modified accrual basis of accounting. In the government-wide statements, the notes receivable are recorded in full. See Note 3 for further details.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Concentrations of Credit Risk

For the year ended December 31, 2019, 53% of the Authority's electric operating revenues came from one customer, the U.S. Army. In addition, at year end, 52% of electric accounts receivable were from the U.S. Army.

NOTE 2 CASH AND CASH EQUIVALENTS

Pursuant to the Pennsylvania Industrial Development Authority Act, the Authority is authorized to deposit funds in:

1. Banks or bank and trust companies
2. Special accounts or under savings contracts in savings associations in one or more special accounts
3. Each of such special accounts to the extent the same is not insured shall be continuously secured by a pledge of direct obligations of the United States of America or of the Commonwealth, having an aggregate market value, exclusive of accrued interest, at all times at least equal to the balance on deposit in such account

Custodial credit risk is the risk that in the event of bank failure, the Authority's deposits may not be returned to it. The Authority does not have a written policy for custodial credit risk. As of December 31, 2019, \$ 3,854,443 of the Authority's bank balance of \$ 12,973,998 was exposed to custodial credit risk as follows:

Uncollateralized	\$	-
Collateralized with securities held by the pledging financial institution		3,854,443
Collateralized with securities held by the pledging financial institution's trust department, but not in the Authority's name		<u>-</u>
	\$	<u>3,854,443</u>

The above bank balance of \$ 12,973,998 includes \$ 2,500,000 in certificates of deposit that are classified as investments in the financial statements.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 3 NOTES RECEIVABLE

As of December 31, 2019, LIDA has several notes receivable in connection with land sales and demand notes to tenants. The following is a summary of the details of these notes at December 31, 2019:

Borrower	Interest Rate	Balance 1/1/2019	Additions	Deletions	Balance 12/31/2019	Current	Long-Term
Governmental Activities:							
1) Franklin County	4.20%	\$ 435,591	\$ -	\$ (48,579)	\$ 387,012	\$ 50,659	\$ 336,353
2) PA Southern	5.00%	116,076	-	(63,354)	52,722	47,693	5,029
3) PA Southern	5.50%	-	800,000	(3,681)	796,319	22,809	773,510
		<u>\$ 551,667</u>	<u>\$ 800,000</u>	<u>\$ (115,614)</u>	<u>\$ 1,236,053</u>	<u>\$ 121,161</u>	<u>\$ 1,114,892</u>

Terms:

Note 1) is payable over 20 years at a fixed interest rate of 4.20%. Interest and principal are due on the first day of the month beginning October 1, 2006 and ending on September 1, 2026. This note is for an infrastructure improvement agreement where, in conjunction with the purchase of property, Franklin County agreed to reimburse LIDA for utility improvements necessary to extend to the purchased property. In the fund financial statements, the principal received from Franklin County on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges.

Note 2) is payable over 10 years at a fixed rate of 5.00%. Interest and principal are due annually, November 1 of each year, beginning November 1, 2017 and ending on November 1, 2026. This note is for a property sale agreement. In the fund financial statements, the principal received from Pennsylvania & Southern Railway, LLC on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges.

Note 3) is payable over 10 years at a fixed rate of 5.50%. Interest and principal are due on the first day of the month beginning November 1, 2019 and ending on October 1, 2029. This note is for a property sale agreement. In the fund financial statements, the principal received from Pennsylvania & Southern Railway, LLC on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 4. CAPITAL ASSETS

Capital asset activity for the Authority consists of the following as of and for the year ended December 31, 2019:

	Beginning Balance	Additions	Retirements	Ending Balance
Governmental Activities				
Cost:				
Capital assets not being depreciated				
Land held for sale	\$ 16,305,191	\$ -	\$ (579,300)	\$ 15,725,891
Permanent easements	1,036,548	-	-	1,036,548
Buildings held for sale	1,521,192	-	-	1,521,192
Capital assets held for FCGA	7,471,455	-	-	7,471,455
Capital assets being depreciated				
Roads	386,042	-	-	386,042
Furniture and equipment	71,935	1,270	-	73,205
Stormwater system	189,375	-	-	189,375
Buildings	8,844,696	31,081	-	8,875,777
Total cost	<u>35,826,434</u>	<u>32,351</u>	<u>(579,300)</u>	<u>35,279,485</u>
Less accumulated depreciation				
Roads	(386,042)	-	-	(386,042)
Stormwater system	(62,819)	(4,734)	-	(67,553)
Furniture and equipment	(67,123)	(1,767)	-	(68,890)
Buildings	(2,980,989)	(323,028)	-	(3,304,017)
Total accumulated depreciation	<u>(3,496,973)</u>	<u>(329,529)</u>	<u>-</u>	<u>(3,826,502)</u>
Capital assets, net	<u>\$ 32,329,461</u>	<u>\$ (297,178)</u>	<u>\$ (579,300)</u>	<u>\$ 31,452,983</u>
Business-Type Activities				
Cost				
Electric system	\$ 16,536,587	\$ 172,211	\$ -	\$ 16,708,798
Less accumulated depreciation				
Electric system	(7,498,598)	(489,062)	-	(7,987,660)
Capital assets, net	<u>\$ 9,037,989</u>	<u>\$ (316,851)</u>	<u>\$ -</u>	<u>\$ 8,721,138</u>

Depreciation expense for 2019 was charged as follows:

Governmental Activities	
Administrative	\$ 1,767
Property sales and leases	<u>327,762</u>
	<u>\$ 329,529</u>
 Business-type	
Electric	<u>\$ 489,062</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 5 PENSION PLAN

LIDA has a Simplified Employee Pension (SEP) plan covering substantially all employees. Under the plan, LIDA is required to contribute 15% of gross eligible compensation to each employee's Individual Retirement Account (IRA). Total pension expense for the year ended December 31, 2019 was \$ 55,277.

NOTE 6 RELATED PARTIES

FCGA pays LIDA for electric service costs and administrative costs related to employee time spent on FCGA activities. LIDA pays FCGA for water and sewer services. Activity between FCGA and LIDA during the year as well as receivable/payable balances at yearend were as follows:

FCGA paid LIDA:	
Administrative expenses	\$ 100,022
Electric	<u>82,523</u>
	<u>\$ 182,545</u>
Due from FCGA at December 31, 2019:	
General	\$ 11,258
Electric	<u>4,200</u>
	<u>\$ 15,458</u>
LIDA paid FCGA:	
Water utilities	\$ 1,536
Sewer utilities	<u>784</u>
	<u>\$ 2,320</u>
Due to FCGA at December 31, 2019:	
Water	\$ 109
Sewer	<u>32</u>
	<u>\$ 141</u>

LIDA received \$ 15,000 for administrative fees from, and paid \$ 14,378 in maintenance fees to, Cumberland Valley Business Park Association, Inc. (CVBP).

In addition, LIDA paid \$ 5,071 on behalf of FCGA for engineering costs related to FCGA's asset sale.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 7 LEASES

The Authority currently has four lease agreements in which it leases a building through a transaction that is considered a sales type lease. Although the buildings are being leased, a corresponding sales agreement has been signed and all lease payments are being applied towards the purchase of the buildings. These sales agreements will be finalized when the property is transferred from the U.S. Army. For the government-wide statements, this is considered a property sale in the year of the sale with corresponding lease payments receivable. The gross amount of payments and offsetting interest revenue shown below is based upon the estimated transfer date of these properties from the U.S. Army.

The future minimum lease payments receivable under sales-type leases as of December 31, 2019 are as follows:

Sales Type Leases

	Woods Lease	AFCO Lease	Franklin Feed Lease	Clear Bay Lease	Total
2020	\$ 92,541	\$ 112,469	\$ 23,822	\$ 18,377	\$ 247,209
2021	1,762,693	112,469	23,822	18,377	1,917,361
2022	-	933,811	231,053	185,502	1,350,366
	<u>1,855,234</u>	<u>1,158,749</u>	<u>278,697</u>	<u>222,256</u>	<u>3,514,936</u>
Amount representing unearned interest	<u>(92,542)</u>	<u>(99,991)</u>	<u>(16,098)</u>	<u>(12,874)</u>	<u>(221,505)</u>
	<u>\$ 1,762,692</u>	<u>\$ 1,058,758</u>	<u>\$ 262,599</u>	<u>\$ 209,382</u>	<u>\$ 3,293,431</u>

	Current	Long-term	Total
Lease payment receivable	\$ 247,209	\$ 3,267,727	\$ 3,514,936
Unearned interest revenue	<u>(159,032)</u>	<u>(62,473)</u>	<u>(221,505)</u>
	<u>\$ 88,177</u>	<u>\$ 3,205,254</u>	<u>\$ 3,293,431</u>

Operating Leases

LIDA leases buildings to commercial businesses, community organizations and the U.S. Army. The following details the future aggregate lease income under long-term operating lease agreements:

2020	\$ 759,043
2021	714,482
2022	584,087
2023	374,942
2024	379,277
Thereafter	<u>675,408</u>
Total	<u>\$ 3,487,239</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 8 RISK MANAGEMENT

LIDA is exposed to various risks of losses related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. LIDA utilizes commercial insurance to manage its risk. For the insured programs there have been no significant reductions in insurance coverage. Settlement amounts have not exceeded insurance coverage for the current year or three prior years.

NOTE 9 SUBSEQUENT EVENTS

The COVID-19 outbreak in the United States and around the world has caused business disruption through mandated and voluntary closings of many business throughout our community. While the disruption is currently expected to be temporary, there is considerable uncertainty around the duration and extent of the economic impact. Therefore, it is reasonable to expect that some of the Authority's revenue sources and the ability of customers to pay for services provided could be impacted, however the degree of such impact is uncertain at this time.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Required Supplementary Information
Budgetary Comparison Schedule - General Fund
Year Ended December 31, 2019

	Budget	Actual	Variance With
	Original/Final	(Budgetary/ Gaap Basis)	Final Budget
REVENUES			
Sale of property	\$ 544,112	\$ 394,508	\$ (149,604)
Reimbursements	119,023	96,370	(22,653)
Administrative fees from CVBP	15,000	15,000	-
Administrative fees from FCGA	95,967	100,022	4,055
Interest income and finance charges	161,362	193,896	32,534
Lease purchase income	48,290	63,050	14,760
Lease rental income	821,649	821,741	92
Miscellaneous	-	2,890	2,890
Total revenues	<u>1,805,403</u>	<u>1,687,477</u>	<u>(117,926)</u>
EXPENDITURES			
Salaries and wages and payroll taxes	395,727	398,703	(2,976)
Employee benefits	60,809	55,566	5,243
Travel expenditures	7,500	12,691	(5,191)
Equipment	3,000	5,576	(2,576)
Supplies and office expenditures	19,800	30,185	(10,385)
Professional fees	60,100	110,801	(50,701)
Site development	1,270,000	91,928	1,178,072
Membership fees	1,500	100	1,400
Maintenance and demolition	37,000	58,290	(21,290)
Insurance	93,000	87,521	5,479
Rental utilities	111,274	84,165	27,109
Rental maintenance/improvements	110,600	70,605	39,995
Meetings and entertainment	5,500	4,254	1,246
Advertising	40,100	30,384	9,716
Donations	3,500	2,100	1,400
Miscellaneous	500	10,786	(10,286)
Cost of property sales	7,000	7,918	(918)
Contribution to and behalf of FCGA	310,000	5,071	304,929
Total expenditures	<u>2,536,910</u>	<u>1,066,644</u>	<u>1,470,266</u>
Excess of revenues over expenditures	<u>(731,507)</u>	<u>620,833</u>	<u>1,352,340</u>
Net change in fund balance	<u>\$ (731,507)</u>	<u>\$ 620,833</u>	<u>\$ 1,352,340</u>

Audited
Financial
Statements

December 31,
2020

Letterkenny Industrial
Development Authority

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INDEPENDENT AUDITOR'S REPORT

To the Board of Directors
Letterkenny Industrial Development Authority
Chambersburg, Pennsylvania

We have audited the accompanying financial statements of the governmental activities, the business-type activities, and each major fund of the Letterkenny Industrial Development Authority, a component unit of Franklin County, Pennsylvania, as of and for the year ended December 31, 2020, and the related notes to the financial statements, which collectively comprise the Authority's basic financial statements, as listed in the table of contents.

MANAGEMENT'S RESPONSIBILITY FOR THE FINANCIAL STATEMENTS

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

AUDITOR'S RESPONSIBILITY

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

OPINIONS

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, and each major fund of the Letterkenny Industrial Development Authority as of December 31, 2020, and the respective changes in financial position and, where applicable, cash flows thereof for the year then ended in conformity with accounting principles generally accepted in the United States of America.

OTHER MATTERS

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 11 and budgetary comparison schedule on page 35 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Smith & Woot Reams & Company, LLC

Chambersburg, Pennsylvania
May 6, 2021

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information – Unaudited

The discussion and analysis of the Letterkenny Industrial Development Authority's (LIDA) financial performance provides an overall review of the Authority's financial activities for the year ended December 31, 2020. The intent of this discussion and analysis is to look at the Authority's financial performance as a whole; readers should also review the financial statements and notes to the financial statements to enhance their understanding of the Authority's financial performance.

The Management Discussion and Analysis (MD&A) is an element of the reporting model adopted by the Governmental Accounting Standards Board (GASB) in their Statement No. 34, *Basic Financial Statements – and Management's Discussion and Analysis – for State and Local Governments*. Certain comparative information between the current year and the prior year is required to be presented in the MD&A.

FINANCIAL HIGHLIGHTS

In 2020, the Governmental revenues were down slightly due to a 4.75-acre sale in 2019. The Governmental expenditures were up considerably due to a major renovation project on a LIDA-owned property. There was a large increase in net position due to the Phase VII transfer from the Army and the transfer of all rail assets from Franklin County General Authority (FCGA) to LIDA. The major expenditures in 2020 were in building improvements and maintenance. The property transfer from the Army included 8.8 acres and two buildings that are sold and will settle in 2021. Electric operating income was down in 2020 because of reduced worker presence due to the pandemic. Expenditures were also down due to reductions in power purchase and system maintenance. The power purchase contract with AEP Energy Partners was extended through May 31, 2025 with a lower purchase price negotiated beginning June 1, 2022. LIDA has not increased electric rates to its customers since 2007. The main revenue source in 2020 was the electrical distribution system.

USING THE ANNUAL FINANCIAL STATEMENTS

The financial report consists of the Management Discussion and Analysis and a series of financial statements and notes to those statements. These statements are organized so that the reader can understand Letterkenny Industrial Development Authority as an entire operating entity. The statements then proceed to provide an increasingly detailed look at specific financial activities.

The first two statements are government-wide financial statements – the Statement of Net Position and the Statement of Activities. These provide both long-term and short-term information about the Authority's overall financial status.

The remaining statements are fund financial statements that focus on individual parts of the Authority's operations in more detail than the government-wide statements. The governmental funds statement tells how general Authority operations were financed in the short term as well as what remains for future spending. The proprietary fund statement offers short and long-term financial information about the activities the Authority operates like a business. For this Authority, this is our Electric Distribution Fund.

The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Figure 1 summarizes the major features of the Authority's financial statements, including the portion of the Authority they cover and the types of information they contain. The remainder of this overview section of management discussion and analysis explains the structure and contents of each of the statements.

Figure 1
Major Features of Letterkenny Industrial Development Authority's
Government-wide and Fund Financial Statements

	Government-wide Statements	Governmental Funds	Proprietary Funds
Scope	Entire Authority	The activities of the Authority that are not proprietary, such as administration and property-related activity	Activities the Authority operates similar to private business – Electric Distribution
Required financial statements	Statement of net position Statement of activities	Balance Sheet Statement of revenues, expenditures, and changes in fund balance	Statement of net position Statement of revenues, expenses and changes in net position Statement of cash flows
Accounting basis and measurement focus	Accrual accounting and economic resources focus	Modified accrual accounting and current financial resources focus	Accrual accounting and economic resources focus
Type of asset/liability information	All assets and liabilities, both financial and capital, and short-term and long-term	Only assets expected to be used up and liabilities that come due during the year or soon thereafter; no capital assets included	All assets and liabilities, both financial and capital, and short-term and long-term
Type of inflow-outflow information	All revenues and expenses during year, regardless of when cash is received or paid	Revenues for which cash is received during or soon after the end of the year; expenditures when goods or services have been received and payment is due during the year or soon thereafter	All revenues and expenses during year, regardless of when cash is received or paid

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

OVERVIEW OF FINANCIAL STATEMENTS

Government-wide Statements

The government-wide statements report information about the Authority as a whole using accounting methods similar to those used by private-sector companies. The statement of net position includes all of the Authority's assets and liabilities. All of the current year's revenues and expenses are accounted for in the statement of activities regardless of when cash is received or paid.

The two government-wide statements report the Authority's net position and how they have changed. The net change in position, the difference between the Authority's revenues and expenditures, are one way to measure the Authority's financial health or position.

Over time, increases or decreases in the Authority's net position are an indication of whether its financial health is improving or deteriorating, respectively.

To assess the overall health of the Authority, you need to consider additional non-financial factors, such as changes in the Authority's customer base and number of jobs created and/or retained in the community.

The government-wide financial statements of the Authority are divided into two categories:

- **Governmental activities** – All of the Authority's basic services are included here, such as administration, grant-funded activities and property activities.
- **Business type activities** – The Authority operates an electrical distribution system and charges fees to electrical customers within the Cumberland Valley Business Park and the United States Army to cover the costs of the Electrical Distribution operation.

Fund Financial Statements

The Authority's fund financial statements provide detailed information about the most significant funds – not the Authority as a whole.

Governmental funds – Most of the Authority's activities are reported in governmental funds, which focus on the determination of financial position and change in financial position, not on income determination. They are reported using an accounting method called modified accrual accounting, which measures cash and all other financial assets that can readily be converted to cash. The governmental fund statements provide a detailed short-term view of the Authority's operations and the services it provides. Governmental fund information helps the reader determine whether there are more or fewer financial resources that can be spent in the near future to finance the Authority's activities. The relationship (or differences) between governmental activities (reported in the Statement of Net Position and the Statement of Activities) and governmental funds is reconciled in the financial statements.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Proprietary funds – These funds are used to account for the Authority activities that are similar to business operations in the private sector; or where the reporting is on determining net income, financial position, changes in financial position, and a significant portion of funding through user charges. When the Authority charges customers for services it provides – whether to outside customers or to other units in the Authority – these services are generally reported in proprietary funds. The Electrical Distribution Fund is the Authority’s proprietary fund and is the same as the business-type activities we report in the government-wide statements, but provides more detail and additional information, such as cash flows.

FINANCIAL ANALYSIS OF THE AUTHORITY AS A WHOLE

The Authority’s total net position was \$ 63,453,224 at December 31, 2020.

Table 1
December 31, 2020
Net Position

	Governmental Activities	Business-type Activities	Total
Current and other assets	\$ 1,324,964	\$ 14,276,615	\$ 15,601,579
Non-current assets	<u>40,057,978</u>	<u>8,396,810</u>	<u>48,454,788</u>
Total Assets	<u>41,382,942</u>	<u>22,673,425</u>	<u>64,056,367</u>
Current and other liabilities	238,048	285,968	524,016
Non-current liabilities	<u>79,127</u>	<u>-</u>	<u>79,127</u>
Total Liabilities	<u>317,175</u>	<u>285,968</u>	<u>603,143</u>
Net Position			
Net investment in capital assets	30,651,097	8,396,810	39,047,907
Unrestricted	<u>10,414,670</u>	<u>13,990,647</u>	<u>24,405,317</u>
Total Net Position	<u>\$ 41,065,767</u>	<u>\$ 22,387,457</u>	<u>\$ 63,453,224</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

December 31, 2019
Net Position

	Governmental Activities	Business-type Activities	Total
Current and other assets	\$ 1,231,135	\$ 12,768,089	\$ 13,999,224
Non-current assets	35,835,602	8,721,138	44,556,740
Total Assets	<u>37,066,737</u>	<u>21,489,227</u>	<u>58,555,964</u>
Current and other liabilities	298,149	324,494	622,643
Non-current liabilities	62,473	-	62,473
Total Liabilities	<u>360,622</u>	<u>324,494</u>	<u>685,116</u>
Net Position			
Net investment in capital assets	31,452,983	8,721,138	40,174,121
Unrestricted	5,253,132	12,443,595	17,696,727
Total Net Position	<u>\$ 36,706,115</u>	<u>\$ 21,164,733</u>	<u>\$ 57,870,848</u>

Most of the Authority's total net position is invested in capital assets (buildings, land, and equipment). The remaining unrestricted net position is undesignated amounts. The \$ 5,582,376 increase in total net position from 2019 to 2020 is detailed in Table 2.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
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The results of this year's operations as a whole are reported in the Statement of Activities. All expenses are reported in the first column. Specific charges, grants, and contributions that directly relate to specific expense categories are represented to determine the final amount of the Authority's activities that are supported by other general revenues. The largest general revenue is investment earnings earned on leasing properties and financing of property sales.

Table 2 takes the information from that Statement and rearranges it slightly, so you can see the total revenues for the year.

Table 2
Year ended December 31, 2020
Changes in Net Position

	Governmental Activities	Business-type Activities	Total
Revenues			
<i>Program revenues</i>			
Charges for services/property sales	\$ 1,241,550	\$ 5,148,654	\$ 6,390,204
Capital grants and contributions	4,454,518	97,199	4,551,717
<i>General revenues</i>			
Investment earnings	<u>3,755</u>	<u>56,317</u>	<u>60,072</u>
Total revenues	<u>5,699,823</u>	<u>5,302,170</u>	<u>11,001,993</u>
Expenses			
Administrative	466,032	-	466,032
General Government	40,244	-	40,244
Property Sales	833,381	-	833,381
Special Item - Contribution to FCGA	514	-	514
Electric	<u>-</u>	<u>4,079,446</u>	<u>4,079,446</u>
Total expenses	<u>1,340,171</u>	<u>4,079,446</u>	<u>5,419,617</u>
Change in net position	<u>\$ 4,359,652</u>	<u>\$ 1,222,724</u>	<u>\$ 5,582,376</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

Year ended December 31, 2019
Changes in Net Position

	Governmental Activities	Business-type Activities	Total
Revenues			
<i>Program revenues</i>			
Charges for services/property sales	\$ 1,698,927	\$ 5,438,081	\$ 7,137,008
Capital grants and contributions	-	201,975	201,975
<i>General revenues</i>			
Investment earnings	4,193	85,803	89,996
Total revenues	<u>1,703,120</u>	<u>5,725,859</u>	<u>7,428,979</u>
Expenses			
Administrative	516,307	-	516,307
General Government	42,604	-	42,604
Property Sales	799,840	-	799,840
Special Item - Contribution to FCGA	5,071	-	5,071
Electric	-	4,543,344	4,543,344
Total expenses	<u>1,363,822</u>	<u>4,543,344</u>	<u>5,907,166</u>
Change in net position	<u>\$ 339,298</u>	<u>\$ 1,182,515</u>	<u>\$ 1,521,813</u>

THE AUTHORITY FUNDS

At December 31, 2020, the Authority governmental funds reported a combined fund balance of \$ 933,562, which is an increase of \$ 209,914. This increase in cash is due to a property sale and an increase in leasehold revenue and financed property sales.

General Fund Budget

Authority revenues were less than budgeted by about \$ 230,000, primarily due to less than budgeted property sales due to the on-going delay in land transfer from the Army. The expenditures were less than the budgeted amount by about \$ 4,600,000, due to delays in the Barn reuse project, the Development Avenue paving project, and the Oak Grove building project that is now planned for 2021. A schedule showing the Authority's budget amounts compared with amounts actually paid and received is provided on page 35.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

CAPITAL ASSETS AND DEBT ADMINISTRATION

Capital Assets

At December 31, 2020, the Authority had \$ 44,411,535 invested in a broad range of capital assets, including land, buildings, furniture and equipment, roads, rail, and water and sewer assets held for Franklin County General Authority. This amount represents a net increase (including additions, retirements, and depreciation) of \$ 4,237,414, or 10.55%, from 2019, due primarily to the transfer of rail assets from FCGA to LIDA.

Table 5
Capital Assets – Net of Depreciation

	2020	2019
Roads	\$ -	\$ -
Land	15,745,891	15,725,891
Permanent Easements	2,830,248	1,036,548
Buildings	5,743,700	5,571,760
Buildings held for sale/lease	1,522,131	1,521,192
Furniture and equipment	8,439,142	8,725,453
Stormwater system	117,088	121,822
Rail assets	2,533,380	-
Assets held for FCGA	7,479,955	7,471,455

See footnote 4 in the financial statements for details of additions and deletions.

Debt Administration

As of December 31, 2020, the Authority had no long-term debts or obligations.

ECONOMIC FACTORS AND NEXT YEAR'S BUDGETS AND RATES

The Authority negotiated an additional three-year extension to the power generation and transmission contact through 2025, with lower rates going into effect in 2022. There has been no electric rate increase to customers since 2007 and LIDA does not have any plans to raise rates in the near future. The rail assets transferred to LIDA's leased properties from FCGA, as there is no longer a fee for service through that authority. There was one new major renovation project completed in 2020, and the authority remains focused on the completing sale of the utility systems in partnership with FCGA.

The revenue budget for 2021 is \$ 7,700 less than the budget for 2020. This represents a .4% decrease in budgeted revenues and is due to an expected decrease in leasehold revenues. The expenditure budget for 2021 is approximately \$ 260,350 less than the budget for 2020, or a 3.9% decrease. This expected decrease is due to a budgeted decrease in leasehold improvement projects budgeted in 2021.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Management's Discussion and Analysis
Required Supplementary Information - Unaudited

The comparison of 2020/2021 budgeted revenue and expenditure categories is as follows:

Table 6

Budgeted Revenues		
	2021	2020
Local/Other	100.00%	100.00%
Federal	0.00%	0.00%
State	0.00%	0.00%

Budgeted Expenses		
	2021	2020
Property Activities	89.62%	90.64%
General Government	0.38%	0.43%
Administration	10.00%	8.93%

CONTACTING THE AUTHORITY FINANCIAL MANAGEMENT

Our financial report is designed to provide the general public and our investors and creditors with a general overview of the Authority's finances and show the Board's accountability for the money it receives. If you have questions about this report or wish to request additional financial information, please contact Christy Caution, Financial Manager at Letterkenny Industrial Development Authority, 4759 Innovation Way, Chambersburg, PA 17201. (717) 267-9351.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Net Position
December 31, 2020

	Governmental Activities	Business-Type Activities	Total
ASSETS			
Current Assets			
Cash and cash equivalents	\$ 969,816	\$ 11,269,250	\$ 12,239,066
Investments - certificates of deposit	-	2,500,000	2,500,000
Utilities receivable - billed	-	267,525	267,525
Utilities receivable - unbilled	-	239,840	239,840
Other receivables (including related party)	44,024	-	44,024
Prepaid expenses	5,369	-	5,369
Notes receivable - current	76,923	-	76,923
Leases receivable - current	228,832	-	228,832
Total current assets	<u>1,324,964</u>	<u>14,276,615</u>	<u>15,601,579</u>
Noncurrent Assets			
Notes receivable - noncurrent	1,032,941	-	1,032,941
Leases receivable - noncurrent	3,010,312	-	3,010,312
Capital assets not being depreciated:			
Land held for sale	15,745,891	-	15,745,891
Permanent easements	2,830,248	-	2,830,248
Buildings held for sale	1,522,131	-	1,522,131
Capital assets held for FCGA	7,479,955	-	7,479,955
Capital assets net of depreciation:			
Stormwater system	117,088	-	117,088
Electric system	-	8,396,810	8,396,810
Furniture & equipment	42,332	-	42,332
Buildings	5,743,700	-	5,743,700
Rail	2,533,380	-	2,533,380
Total noncurrent assets	<u>40,057,978</u>	<u>8,396,810</u>	<u>48,454,788</u>
Total Assets	<u>\$ 41,382,942</u>	<u>\$ 22,673,425</u>	<u>\$ 64,056,367</u>
LIABILITIES			
Current liabilities			
Accounts payable (including related party)	\$ 32,103	\$ 285,968	\$ 318,071
Accrued salaries and benefits/withholdings	7,736	-	7,736
Security deposits	45,808	-	45,808
Unearned interest revenue - current	152,401	-	152,401
Total current liabilities	<u>238,048</u>	<u>285,968</u>	<u>524,016</u>
Noncurrent liabilities			
Unearned interest revenue - noncurrent	79,127	-	79,127
Total Liabilities	<u>317,175</u>	<u>285,968</u>	<u>603,143</u>
NET POSITION			
Net investment in capital assets	30,651,097	8,396,810	39,047,907
Unrestricted	10,414,670	13,990,647	24,405,317
Total Net Position	<u>41,065,767</u>	<u>22,387,457</u>	<u>63,453,224</u>
Total Liabilities And Net Position	<u>\$ 41,382,942</u>	<u>\$ 22,673,425</u>	<u>\$ 64,056,367</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Activities
Year Ended December 31, 2020

Functions/Programs	Program Revenues				Net (Expense) Revenue and Changes in Net Position		
	Expenses	Charges for Services	Operating Grants and Contributions	Capital Grants and Contributions	Governmental Activities	Business-type Activities	Total
Governmental activities							
Administration	\$ 466,032	\$ 103,317	\$ -	\$ -	\$ (362,715)	\$ -	\$ (362,715)
General government	40,244	-	-	-	(40,244)	-	(40,244)
Property sales and leases	833,381	1,138,233	-	4,454,518	4,759,370	-	4,759,370
Contributions to and on behalf of FCGA	514	-	-	-	(514)	-	(514)
Total governmental activities	<u>1,340,171</u>	<u>1,241,550</u>	<u>-</u>	<u>4,454,518</u>	<u>4,355,897</u>	<u>-</u>	<u>4,355,897</u>
Business-type activities							
Electric	4,079,446	5,148,654	-	97,199	-	1,166,407	1,166,407
Total primary government	<u>\$ 5,419,617</u>	<u>\$ 6,390,204</u>	<u>\$ -</u>	<u>\$ 4,551,717</u>	<u>4,355,897</u>	<u>1,166,407</u>	<u>5,522,304</u>
General revenues							
Investment earnings					3,755	56,317	60,072
Total general revenues					<u>3,755</u>	<u>56,317</u>	<u>60,072</u>
Change in net position					4,359,652	1,222,724	5,582,376
Net position - beginning					36,706,115	21,164,733	57,870,848
Net position - ending					<u>\$ 41,065,767</u>	<u>\$ 22,387,457</u>	<u>\$ 63,453,224</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Balance Sheet - Governmental Fund
December 31, 2020

	General Fund
ASSETS	
Cash and cash equivalents	\$ 969,816
Receivables (including related party)	44,024
Prepaid expenditures	<u>5,369</u>
Total assets	<u>\$ 1,019,209</u>
LIABILITIES AND FUND BALANCE	
Liabilities	
Accounts payable	\$ 32,103
Payroll withholdings	7,736
Security deposits	<u>45,808</u>
Total liabilities	<u>85,647</u>
Fund Balance	
Nonspendable - prepaid expenditures	5,369
Unassigned	<u>928,193</u>
Total fund balance	<u>933,562</u>
Total liabilities and fund balance	<u>\$ 1,019,209</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Reconciliation of the Governmental Fund Balance Sheet to the
Statement of Net Position
December 31, 2020

Total fund balance - governmental funds \$ 933,562

Amounts reported for governmental activities in the Statement of Net Position are different because:

Capital assets used in governmental activities are not current financial resources and therefore are not reported in this fund financial statement, but are reported in the governmental activities of the Statement of Net Position.

Cost of assets	41,909,575	
Accumulated depreciation	<u>(5,894,850)</u>	36,014,725

Income for sales type leases is recognized in the governmental funds when payments are received. For the government-wide statements, this revenue is recognized when earned and a receivable is recorded. This is the total amount of the receivable at year-end less unearned interest revenue.

3,007,616

Notes receivable are only recorded in governmental funds to the extent that they are available at year end. For the government-wide statements, the entire receivable is recorded.

1,109,864

Net position of governmental activities in the
Statement of Net Position \$ 41,065,767

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Revenues, Expenditures, and Changes in Fund Balance -
Governmental Fund
Year Ended December 31, 2020

	General Fund
REVENUES	
Sale of property	\$ 329,745
Reimbursements	88,115
Administrative fees from CVBP	15,000
Administrative fees from FCGA	87,955
Interest income and finance charges	220,761
Lease purchase income	82,256
Lease rental income	823,115
Miscellaneous	10,362
Total revenues	<u>1,657,309</u>
EXPENDITURES	
Salaries and wages and payroll taxes	353,659
Employee benefits	80,090
Travel expenditures	915
Equipment	41,930
Supplies and office expenditure	20,898
Professional fees	71,867
Site development	67,831
Maintenance and demolition	23,623
Insurance	85,198
Rental utilities	77,988
Rental maintenance/improvements	578,799
Meetings and entertainment	2,537
Advertising	26,024
Donations	7,300
Miscellaneous	5,295
Cost of property sales	2,442
Bad debt expenditures	485
Contribution to and on behalf of FCGA	514
Total expenditures	<u>1,447,395</u>
Net change in fund balance	209,914
Fund balance - beginning	<u>723,648</u>
Fund balance - ending	<u><u>\$ 933,562</u></u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Reconciliation of the Statement of Revenues, Expenditures, and Changes in Fund
Balance of Governmental Funds to the Statement of Activities
Year Ended December 31, 2020

Net change in fund balance - total governmental funds \$ 209,914

Governmental funds report outlays for capital assets as expenditures because such outlays use current financial resources. In contrast, the Statement of Activities reports only a portion of the outlay as expense. The outlay is allocated over the assets estimated useful lives as depreciation expense for the period. This is the amount by which capital outlays differed from depreciation expense in the current period.

Depreciation expense	(448,263)	
Transfer of rail system from FCGA	2,639,879	
Capital outlays - net of disposals	<u>2,370,126</u>	4,561,742

Payments received on sales type leases are recorded as revenue in the governmental funds when received, but are recorded as revenue and receivable for the government-wide statements when earned. This is the difference between the amount earned and recorded as receivable for the government-wide statements and the amount recorded as revenue for the fund financial statements.

(412,004)

Change in net position of governmental activities \$ 4,359,652

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Net Position - Proprietary Fund
December 31, 2020

	Electric Fund
ASSETS	
Current Assets	
Cash and cash equivalents	\$ 11,269,250
Investments	2,500,000
Utilities receivable - billed	267,525
Utilities receivable - unbilled	<u>239,840</u>
Total current assets	<u>14,276,615</u>
Noncurrent Assets	
Electric system	16,881,741
Accumulated depreciation	<u>(8,484,931)</u>
Total noncurrent assets	<u>8,396,810</u>
Total assets	<u>\$ 22,673,425</u>
LIABILITIES	
Current Liabilities	
Accounts payable	\$ 278,921
Sales tax payable	<u>7,047</u>
Total current liabilities	<u>285,968</u>
NET POSITION	
Net investment in capital assets	8,396,810
Unrestricted	<u>13,990,647</u>
Total net position	<u>22,387,457</u>
Total liabilities and net position	<u>\$ 22,673,425</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Revenues, Expenses, and Changes in Fund Net Position - Proprietary Fund
Year Ended December 31, 2020

	Electric Fund
OPERATING REVENUE	
Sales and user charges to customers	\$ 5,124,440
Reimbursement for maintenance	8,232
Miscellaneous	15,982
Total operating revenues	<u>5,148,654</u>
OPERATING EXPENSES	
Electric costs	3,492,760
Depreciation	497,271
Maintenance	73,710
Insurance	8,260
Miscellaneous	566
Professional services	6,879
Total operating expenses	<u>4,079,446</u>
Operating income	1,069,208
NON-OPERATING REVENUES (EXPENSES)	
Interest income	56,317
CAPITAL CONTRIBUTIONS	<u>97,199</u>
Change in net position	1,222,724
Total net position - beginning	<u>21,164,733</u>
Total net position - ending	<u>\$ 22,387,457</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Statement of Cash Flows - Proprietary Fund
Year Ended December 31, 2020

	Electric Fund
Cash flows from operating activities	
Cash received from customers	\$ 5,321,616
Cash payments to suppliers for goods and services	<u>(3,618,636)</u>
Net cash provided by operating activities	<u>1,702,980</u>
Cash flows from capital and related financing activities	
Capital contribution	97,199
Purchase/construction of capital assets	<u>(172,943)</u>
Net cash (used) by capital financing activities	<u>(75,744)</u>
Cash flows from investing activities	
Earnings on investments	<u>56,317</u>
Net cash provided by investing activities	<u>56,317</u>
Net increase in cash and cash equivalents	1,683,553
Cash and cash equivalents - beginning	<u>9,585,697</u>
Cash and cash equivalents - ending	<u>\$ 11,269,250</u>
Reconciliation of income from operations to net cash provided by operating activities	
Cash flows from operating activities	
Operating income	\$ 1,069,208
Adjustments to reconcile operating income to net cash provided by operating activities:	
Depreciation	497,271
(Increase) decrease in:	
Utilities receivable	172,962
Prepaid expenses	2,065
Increase (decrease) in:	
Accounts payable	<u>(38,526)</u>
Total adjustments	<u>633,772</u>
Net cash provided by operating activities	<u>\$ 1,702,980</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY

Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Nature of Operations

Letterkenny Industrial Development Authority (LIDA or the Authority) was formed in August 1997 to implement redevelopment activities for the reuse of the Letterkenny Army Depot (Depot) as a Business Park, which includes leasing or selling land, facilities, or equipment to industrial or commercial firms.

The financial statements of the Authority have been prepared in conformity with generally accepted accounting principles (GAAP) as applied to governmental units. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. The more significant of the government's accounting policies are described below.

Reporting Entity

The Governmental Accounting Standards Board (GASB) Statements define the criteria used to determine the composition of the reporting entity. These standards require that the reporting entity include (1) the primary government, (2) organizations for which the primary government is financially accountable, (3) organizations that are fiscally dependent on the primary government and a financial benefit or burden exists, and (4) other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the reporting entity's financial statements to be misleading or incomplete. The Authority has no component units but is a component unit of Franklin County (Pennsylvania) as the Franklin County Commissioners appoint the board members and the Authority exists for the sole benefit of the County. The financial statements of Franklin County are prepared separately.

The following organizations are considered to be affiliated with LIDA through oversight or common management, but are not component units:

Franklin County General Authority (FCGA)
Cumberland Valley Business Park Association, Inc. (CVBP)

Fund Accounting

LIDA uses funds to maintain its financial records during the fiscal year. Fund accounting is designed to demonstrate legal compliance and to aid financial management by segregating transactions related to certain government functions or activities. A fund is defined as a fiscal and accounting entity with a self-balancing set of accounts. The various funds of the Authority are grouped into the categories of governmental and proprietary.

1. Governmental Funds

Governmental funds are those through which most activities of the Authority are financed. The measurement focus is on the flow of expendable resources, rather than on net earnings determination.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Accounting (Continued)

The Authority reports the following major governmental fund:

General Fund

The General Fund is used to account for all or most of the Authority's general activities, the acquisition or construction of fixed assets, and servicing of any long-term debt. The General Fund is used to account for all activities of the general government not accounted for in some other fund.

2. Proprietary Funds

Proprietary Funds are used to account for the Authority's ongoing activities which are similar to those often found in the private sector. The focus of proprietary funds is on the determination of net earnings and capital maintenance. The following fund is utilized:

Electric Fund

LIDA is operating the electric distribution system on the Depot's property. This fund accounts for all the revenues and expenses associated with providing electric to customers in the Business Park.

Classification of Revenues

For the proprietary fund, LIDA has classified its revenues as either operating or nonoperating revenues according to the following criteria:

- *Operating Revenues* – Operating revenues include activities that have the characteristics of exchange transactions, such as (1) utility billings; (2) penalties and late charges; and (3) other miscellaneous sales.
- *Nonoperating Revenues* – Nonoperating revenues include activities that have the characteristics of non-exchange transactions (in which LIDA receives value without directly giving equal value in return), such as contributions and grants, and other revenues that are defined as nonoperating revenues, such as investment earnings.

Basis of Presentation

Government-wide Financial Statements – The statement of net position and the statement of activities display information about the Authority as a whole. The statements distinguish between those activities of the Authority that are governmental and those that are considered business-type activities.

The government-wide statements are prepared using the economic resources measurement focus. This is the same approach used in the preparation of the proprietary fund financial statements but differs from the manner in which governmental fund financial statements are prepared. Governmental fund financial statements therefore include a reconciliation with brief explanations to better identify the relationship between the government-wide statements and the statements for governmental funds.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY

Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Basis of Presentation (Continued)

The government-wide statement of activities presents a comparison between direct expenses and program revenues for each segment of the business-type activities of the Authority, and for each function or program of the Authority's governmental activities. Direct expenses are those that are specifically associated with a service, program, or department and therefore clearly identifiable to a particular function. Program revenues include charges paid by the recipient of the goods or services offered by the program and grants and contributions that are restricted to meeting the operational or capital requirements of a particular program. Revenues which are not classified as program revenues are presented as general revenues of the Authority, with certain limited exceptions. The comparison of direct expenses with program revenues identifies the extent to which each business segment or governmental function is self-financing or draws from the general revenues of the Authority.

Fund Financial Statements - Fund financial statements report detailed information about the Authority. The focus of governmental and proprietary fund financial statements is on major funds rather than reporting funds by type. Each major fund is presented in a separate column. There are no non-major funds.

The accounting and financial reporting treatment applied to a fund is determined by its measurement focus. All governmental fund types are accounted for using a flow of current financial resources measurement focus. The financial statements for governmental funds are a balance sheet, which generally includes only current assets and current liabilities, and a statement of revenues, expenditures, and changes in fund balances, which reports on the sources (i.e., revenues and other financing sources) and uses (i.e., expenditures and other financing uses) of current financial resources.

All proprietary funds are accounted for on a flow of economic resources measurement focus. With this measurement focus, all assets and all liabilities associated with the operation of these funds are included on the statement of net position. The statement of changes in fund net position presents increases (i.e., revenues) and decreases (i.e., expenses) in net total position. The statement of cash flows provides information about how the Authority finances and meets the cash flow needs of its proprietary activities.

Basis of Accounting

The government-wide and proprietary fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. Grants and similar items are recognized as revenue as soon as all eligibility requirements imposed by the provider have been met. Net position (total assets less total liabilities) is used as a practical measure of economic resources and the operating statement includes all transactions and events that increased or decreased net position. Depreciation is charged as expense against current operations and accumulated depreciation is reported on the statement of net position.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Basis of Accounting (Continued)

The governmental fund financial statements are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Revenues are recognized as soon as they are both measurable and available. Revenues are considered to be available when they are collectible within the current period or soon enough thereafter to pay liabilities of the current period. Available is typically defined to be a period within 60 days of the end of the fiscal year. Revenue from federal, state, and other grants designated for payment of specific Authority expenditures is recognized when the related expenditures are incurred; accordingly, when such funds are received, they are recorded as liabilities until earned. If time eligibility requirements are not met, a deferred inflow of resources would be recorded. Expenditures generally are recorded when a liability is incurred, as under accrual accounting. However, debt service expenditures, as well as expenditures related to compensated absences and claims and judgments, are recorded only when payment is due.

Capital Assets

General capital assets are those assets not specifically related to activities reported in the proprietary funds and generally result from expenditures in the governmental funds. These assets are reported in the governmental activities column of the government-wide statement of net position but are not reported in the fund financial statements. Capital assets utilized by the proprietary fund are reported both in the business-type activities column of the government-wide statement of net position and in the respective fund.

All capital assets are reported at cost (or estimated historical cost) and updated for additions and retirements during the year. Donated capital assets are valued at their acquisition values as of the date received. These estimates are significant due to the fact that LIDA receives a majority of its property as a donation/transfer from the U.S. Army. The Authority maintains a capitalization threshold of \$ 3,500. Improvements are capitalized; the costs of normal maintenance and repairs that do not add to the value of the asset or materially extend an asset's life are expensed.

LIDA is actively selling the property that is transferred from the Army. These buildings and land are considered held for sale, and accordingly, are not depreciated on the government-wide statements. However, some of this property is currently being leased and used by tenants. These leased assets are being depreciated over their estimated useful lives. LIDA also maintains some assets that are used by FCGA in the operation of its water and sewer system. These assets are not depreciated by LIDA because they are not being used in LIDA's operations. All other furniture, equipment, and assets are being depreciated over their estimated useful lives. Depreciation expense is computed using the straight-line method over the following useful lives:

	Governmental Activities	Business-Type Activities
Roads	10 years	N/A
Stormwater system	40 years	N/A
Furniture and equipment	5 years	N/A
Buildings	20 years	N/A
Rail	40 years	N/A
Electric system	N/A	20-40 years

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Deferred Outflows and Inflows of Resources

In addition to assets, the statement of net position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/expenditure) until then. The Authority does not have any items that qualify for reporting in this category.

In addition to liabilities, the statement of net position will sometimes report a separate section for deferred inflows of resources. This separate financial statement element, *deferred inflows of resources*, represents an acquisition of net position that applies to a future period(s) and so will not be recognized as an inflow of resources (revenue) until that time. The Authority does not have any items that qualify for reporting in this category.

Net Position – Government-Wide/Proprietary Funds

In the government-wide financial statements and proprietary fund financial statements, net position is classified in the following components:

Net Investment in Capital Assets: This component of net position consists of capital assets, net of accumulated depreciation and reduced by any outstanding balances of any bonds, mortgages, notes, accounts payable, or other borrowings that are attributable to the acquisition, construction, or improvement of those capital assets. If there are significant unspent related debt proceeds at year-end, the portion of debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of debt is included in the same net position component as the unspent proceeds. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt also should be included in this component of net position.

Restricted: This component of net position consists of restricted assets and deferred outflows of resources reduced by liabilities and deferred inflows of resources related to those assets. Generally, a liability relates to restricted assets if the asset results from a resource flow that also results in the recognition of a liability or if the liability will be liquidated with the restricted assets reported.

Unrestricted: This component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

Net Position Flow Assumption

Sometimes the government will fund outlays for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted-net position and unrestricted-net position in the government-wide financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Authority's policy to consider restricted-net position to have been depleted before unrestricted-net position is applied.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Balance – Governmental Fund Financial Statements

Governmental funds classify fund balance based on the relative strength of the spending constraints placed on the purpose for which resources can be used. The classifications are as follows:

Nonspendable: This classification includes amounts that cannot be spent because they are either (1) not in spendable form or (2) legally or contractually required to be maintained intact. This classification includes items such as prepaid amounts, inventories, and long-term amount of loans and notes receivable. This also includes the corpus (or principal) of permanent funds.

Restricted: This classification includes amounts where the constraints placed on the use of resources are either (1) externally imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments; or (2) imposed by law through constitutional provisions or enabling legislation. Enabling legislation authorizes the government to assess, levy, charge or mandate payment and includes a legally enforceable requirement on the use of these funds.

Committed: This classification includes amounts that can only be used for specific purposes pursuant to constraints imposed by formal action of the Authority's highest level of decision-making authority. This formal action is in the form of a resolution which is made by the Authority Board. Once an amount is committed, it cannot be used for any other purpose unless changed by the same type of formal action used to initially constrain the funds.

Assigned: This classification includes spendable amounts that are reported in governmental funds *other than the General Fund*, that are neither restricted nor committed, and amounts in the General Fund that are intended to be used for a specific purpose. The intent of an assigned fund balance should be expressed by either the Authority Board, or a subordinate high-level body, such as the Executive Director that is authorized to assign amounts to be used for specific purposes. The Authority has not authorized anyone aside from the Board to make assignments. The assignment of fund balance cannot result in a negative unassigned fund balance.

Unassigned: This classification represents the portion of spendable fund balance that has not been categorized as restricted, committed or assigned. The general fund is the only fund which would include a positive unassigned fund balance as all other fund types must categorize amounts within the other classifications. A negative unassigned fund balance may occur in any fund when there is an over expenditure of restricted or committed fund balance. In this case, any assigned fund balance (and unassigned fund balance in the general fund) would be eliminated prior to reporting a negative unassigned fund balance.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Fund Balance – Governmental Fund Financial Statements (Continued)

Fund Balance Flow Assumptions

Sometimes LIDA will fund outlays for a particular purpose from both restricted and unrestricted resources (the total of committed, assigned, and unassigned fund balance). In order to calculate the amounts to report as restricted, committed, assigned, and unassigned fund balance in the governmental fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is LIDA's policy to consider restricted fund balance to have been depleted before using any of the components of unrestricted fund balance. Further, when the components of unrestricted fund balance can be used for the same purpose, committed fund balance is depleted first, followed by assigned fund balance. Unassigned fund balance is applied last.

Interfund Activity

Advances between funds are accounted for in the appropriate interfund receivable and payable accounts. Advances between funds which are not expected to be repaid are accounted for as transfers. Interfund balances and transactions are eliminated in the government-wide financial statements.

Exchange transactions, if any, between funds are reported as revenues in the seller funds and as expenditures/expenses in the purchaser funds. Flows of cash or goods from one fund to another without any requirement for repayment are reported as interfund transfers. Interfund transfers are reported as other financing sources/uses in governmental funds and as nonoperating revenues/expenses in proprietary funds.

Budgets

Budgets are adopted on a basis consistent with accounting principles generally accepted in the United States of America. Annual appropriated budgets are adopted for the general fund and proprietary fund. All annual appropriations lapse at year end and must be reappropriated. Budgets are revised during the year. Encumbrance accounting is not utilized. During 2020, no budget revisions were made and therefore original and final budgets are the same.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Cash and Cash Equivalents

Cash and cash equivalents are defined as short-term, highly liquid investments that are readily convertible to known amounts of cash and include investments with original maturities of three months or less.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Statement of Cash Flows – Proprietary Fund Type

For purposes of the statement of cash flows, cash and cash equivalents include amounts deposited in financial institutions. The Authority considers all highly liquid assets with original maturities of three months or less when purchased to be cash equivalents.

Long-Term Obligations

In the government-wide financial statements, long-term debt and other long-term obligations are reported as liabilities in the applicable governmental or business - type activity columns in the statement of net position. This same treatment applies to proprietary fund financial statements.

Compensated Absences

Liability for compensated absences is accounted for in accordance with the provisions of the GASB, which require entities to accrue for employees' rights to receive compensation for sick leave, as such benefits are earned, and payment becomes probable.

Under the terms of LIDA's employment agreements, employees are granted vacation and sick leave in varying amounts. Vacation and sick leave days not used by the end of the Authority's fiscal year are lost unless otherwise approved. Compensated absences are therefore expensed when paid.

Accounts Receivable

Accounts receivable are recorded in proprietary funds (the electric fund) when invoices are issued and are presented in the statement of net position net of an allowance for doubtful accounts, if applicable. Receivables are considered past due based upon the timing of when payments are received.

Management considers accounts receivable to be fully collectible based on an evaluation of specific receivables, LIDA's historical losses, and the existing local economic conditions. Accordingly, no allowance for doubtful accounts is deemed necessary by management at December 31, 2020. If amounts become uncollectible, they will be charged to operations when that determination is made. It is at least reasonably possible that the estimate used for collectability of receivables will change in the near term.

Notes Receivable

At December 31, 2020, LIDA had notes receivable in connection with land sales. Only the amounts received are reflected as revenues in the governmental fund statements under the modified accrual basis of accounting. In the government-wide statements, the notes receivable are recorded in full. See Note 3 for further details.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 1 SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (CONTINUED)

Concentrations of Credit Risk

For the year ended December 31, 2020, 52% of the Authority's electric operating revenues came from one customer, the U.S. Army. In addition, at year end, 24% of electric accounts receivable were from the U.S. Army.

NOTE 2 CASH AND CASH EQUIVALENTS

Pursuant to the Pennsylvania Industrial Development Authority Act, the Authority is authorized to deposit funds in:

1. Banks or bank and trust companies
2. Special accounts or under savings contracts in savings associations in one or more special accounts
3. Each of such special accounts to the extent the same is not insured shall be continuously secured by a pledge of direct obligations of the United States of America or of the Commonwealth, having an aggregate market value, exclusive of accrued interest, at all times at least equal to the balance on deposit in such account

Custodial credit risk is the risk that in the event of bank failure, the Authority's deposits may not be returned to it. The Authority does not have a written policy for custodial credit risk. As of December 31, 2020, \$ 5,611,664 of the Authority's bank balance of \$ 14,755,409 was exposed to custodial credit risk as follows:

Uncollateralized	\$	-
Collateralized with securities held by the pledging financial institution		5,611,664
Collateralized with securities held by the pledging financial institution's trust department, but not in the Authority's name		<u>-</u>
	\$	<u>5,611,664</u>

The above bank balance of \$ 14,755,409 includes \$ 2,500,000 in certificates of deposit that are classified as investments in the financial statements.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 3 NOTES RECEIVABLE

As of December 31, 2020, LIDA has several notes receivable in connection with land sales and demand notes to tenants. The following is a summary of the details of these notes at December 31, 2020:

Borrower	Interest Rate	Beginning Balance	Additions	Deletions	Ending Balance	Current	Long-Term
Governmental Activities:							
1) Franklin County	4.20%	\$ 387,012	\$ -	\$ (50,658)	\$ 336,354	\$ 52,828	\$ 283,526
2) PA Southern	5.00%	52,722	-	(52,722)	-	-	-
3) PA Southern	5.50%	796,319	-	(22,809)	773,510	24,095	749,415
		<u>\$ 1,236,053</u>	<u>\$ -</u>	<u>\$ (126,189)</u>	<u>\$ 1,109,864</u>	<u>\$ 76,923</u>	<u>\$ 1,032,941</u>

Terms:

Note 1) is payable over 20 years at a fixed interest rate of 4.20%. Interest and principal are due on the first day of the month beginning October 1, 2006 and ending on September 1, 2026. This note is for an infrastructure improvement agreement where, in conjunction with the purchase of property, Franklin County agreed to reimburse LIDA for utility improvements necessary to extend to the purchased property. In the fund financial statements, the principal received from Franklin County on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges.

Note 2) is payable over 10 years at a fixed rate of 5.00%. Interest and principal are due annually, November 1 of each year, beginning November 1, 2017 and ending on November 1, 2026. This note is for a property sale agreement. In the fund financial statements, the principal received from Pennsylvania & Southern Railway, LLC on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges. This note was paid off in the current year.

Note 3) is payable over 10 years at a fixed rate of 5.50%. Interest and principal are due on the first day of the month beginning November 1, 2019 and ending on October 1, 2029. This note is for a property sale agreement. In the fund financial statements, the principal received from Pennsylvania & Southern Railway, LLC on the above note is shown as sale of property revenue and the interest received is shown as interest income and finance charges.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 4. CAPITAL ASSETS

Capital asset activity for the Authority consists of the following as of and for the year ended December 31, 2020:

	Beginning Balance	Additions	Retirements	Ending Balance
Governmental Activities				
Cost:				
Capital assets not being depreciated				
Land held for sale	\$ 15,725,891	\$ 20,000	\$ -	\$ 15,745,891
Permanent easements	1,036,548	1,793,700	-	2,830,248
Buildings held for sale	1,521,192	180,000	(179,061)	1,522,131
Capital assets held for FCGA	7,471,455	8,500	-	7,479,955
Capital assets being depreciated				
Roads	386,042	-	-	386,042
Furniture and equipment	73,205	41,260	-	114,465
Stormwater system	189,375	-	-	189,375
Buildings	8,875,777	505,727	-	9,381,504
Rail	-	4,259,964	-	4,259,964
Total cost	<u>35,279,485</u>	<u>6,809,151</u>	<u>(179,061)</u>	<u>41,909,575</u>
Less accumulated depreciation				
Roads	(386,042)	-	-	(386,042)
Stormwater system	(67,553)	(4,734)	-	(72,287)
Furniture and equipment	(68,890)	(3,243)	-	(72,133)
Buildings	(3,304,017)	(333,787)	-	(3,637,804)
Rail	-	(1,726,584)	-	(1,726,584)
Total accumulated depreciation	<u>(3,826,502)</u>	<u>(2,068,348)</u>	<u>-</u>	<u>(5,894,850)</u>
Capital assets, net	<u>\$ 31,452,983</u>	<u>\$ 4,740,803</u>	<u>\$ (179,061)</u>	<u>\$ 36,014,725</u>
Business-Type Activities				
Cost				
Electric system	\$ 16,708,798	\$ 172,943	\$ -	\$ 16,881,741
Less accumulated depreciation				
Electric system	(7,987,660)	(497,271)	-	(8,484,931)
Capital assets, net	<u>\$ 8,721,138</u>	<u>\$ (324,328)</u>	<u>\$ -</u>	<u>\$ 8,396,810</u>

Depreciation expense for 2020 was charged as follows:

Governmental Activities

Administrative	\$ 3,243
Property sales and leases	<u>445,020</u>
	<u>\$ 448,263</u>

Business-type

Electric	<u>\$ 497,271</u>
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Effective January 1, 2020, FCGA transferred its rail operations to LIDA. The beginning balance of the capital assets are shown as additions in the current year, along with a full year of depreciation for the rail assets.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 5 PENSION PLAN

LIDA has a Simplified Employee Pension (SEP) plan covering substantially all employees. Under the plan, LIDA is required to contribute 15% of gross eligible compensation to each employee's Individual Retirement Account (IRA). Total pension expense for the year ended December 31, 2020 was \$ 49,097.

NOTE 6 RELATED PARTIES

FCGA pays LIDA for electric service costs and administrative costs related to employee time spent on FCGA activities. LIDA pays FCGA for water and sewer services. Activity between FCGA and LIDA during the year as well as receivable/payable balances at yearend were as follows:

FCGA paid LIDA:	
Administrative expenses	\$ 87,954
Electric	<u>86,575</u>
	<u>\$ 174,529</u>
Due from FCGA at December 31, 2020:	
General	\$ 5,897
Electric	<u>4,825</u>
	<u>\$ 10,722</u>
LIDA paid FCGA:	
Water utilities	\$ 1,499
Sewer utilities	<u>719</u>
	<u>\$ 2,218</u>
Due to FCGA at December 31, 2020:	
Water	\$ 118
Sewer	<u>48</u>
	<u>\$ 166</u>

LIDA received \$ 15,000 for administrative fees from, and paid \$ 13,937 in maintenance fees to, Cumberland Valley Business Park Association, Inc. (CVBP).

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 7 LEASES

The Authority currently has three lease agreements in which it leases a building through a transaction that is considered a sales type lease. Although the buildings are being leased, a corresponding sales agreement has been signed and all lease payments are being applied towards the purchase of the buildings. These sales agreements will be finalized when the property is transferred from the U.S. Army. For the government-wide statements, this is considered a property sale in the year of the sale with corresponding lease payments receivable. The gross amount of payments and offsetting interest revenue shown below is based upon the estimated transfer date of these properties from the U.S. Army.

The future minimum lease payments receivable under sales-type leases as of December 31, 2020 are as follows:

Sales Type Leases

	Woods Lease	AFCO Lease	Franklin Feed Lease	Total
2021	\$ 92,541	\$ 112,469	\$ 23,822	\$ 228,832
2022	1,762,693	105,210	23,822	1,891,725
2023	-	83,431	23,822	107,253
2024	-	813,944	197,390	1,011,334
	<u>1,855,234</u>	<u>1,115,054</u>	<u>268,856</u>	<u>3,239,144</u>
Amount representing unearned interest	<u>(92,542)</u>	<u>(117,211)</u>	<u>(21,775)</u>	<u>(231,528)</u>
	<u>\$ 1,762,692</u>	<u>\$ 997,843</u>	<u>\$ 247,081</u>	<u>\$ 3,007,616</u>
		Current	Long-term	Total
Lease payment receivable		\$ 228,832	\$ 3,010,312	\$ 3,239,144
Unearned interest revenue		<u>(152,401)</u>	<u>(79,127)</u>	<u>(231,528)</u>
		<u>\$ 76,431</u>	<u>\$ 2,931,185</u>	<u>\$ 3,007,616</u>

Operating Leases

LIDA leases buildings to commercial businesses, community organizations and the U.S. Army. The following details the future aggregate lease income under long-term operating lease agreements:

2021	\$ 766,082
2022	643,750
2023	426,542
2024	379,277
2025	257,136
Thereafter	<u>411,272</u>
Total	<u>\$ 2,884,059</u>

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Notes to the Financial Statements

NOTE 7 LEASES (CONTINUED)

Operating Leases (Continued)

The Authority also leases the rail system to an operator (Pennsylvania & Southern Railway, LLC) under an operating lease dated June 15, 2020, retroactive to January 1, 2020, with a term of twenty years. The lease may be terminated by the Authority in the event of default as defined by the agreement. The operator is obligated to pay the Authority monthly “operating fee” of \$ 3,864. The operating fee shall increase annually by 3% on the anniversary date of the agreement. Lease income for 2020 was \$ 46,368. The following is a schedule by years of future minimum receipt under the lease at December 31, 2020:

Year Ending December 31:	
2021	\$ 47,759
2022	49,191
2023	50,667
2024	52,187
2025	53,753
2026-2030	293,941
2031-2035	340,759
2036-2039	<u>311,290</u>
	<u>\$ 1,238,153</u>

NOTE 8 RISK MANAGEMENT

LIDA is exposed to various risks of losses related to torts; theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. LIDA utilizes commercial insurance to manage its risk. For the insured programs there have been no significant reductions in insurance coverage. Settlement amounts have not exceeded insurance coverage for the current year or three prior years.

NOTE 9 UNCERTAINTIES

The COVID-19 outbreak in the United States and around the world has caused business disruption through mandated and voluntary closings of many business throughout our community. While the disruption is currently expected to be temporary, there is considerable uncertainty around the duration and extent of the economic impact. Therefore, it is reasonable to expect that some of the Authority’s revenue sources and the ability of customers to pay for services provided could be impacted.

LETTERKENNY INDUSTRIAL DEVELOPMENT AUTHORITY
Required Supplementary Information
Budgetary Comparison Schedule - General Fund
Year Ended December 31, 2020

	Budget	Actual	Variance With
	Original/Final	(Budgetary/ Gaap Basis)	Final Budget
REVENUES			
Sale of property	\$ 550,643	\$ 329,745	\$ (220,898)
Reimbursements	119,023	88,115	(30,908)
Administrative fees from CVBP	15,000	15,000	-
Administrative fees from FCGA	94,538	87,955	(6,583)
Interest income and finance charges	179,498	220,761	41,263
Lease purchase income	60,915	82,256	21,341
Lease rental income	867,236	823,115	(44,121)
Miscellaneous	-	10,362	10,362
Total revenues	<u>1,886,853</u>	<u>1,657,309</u>	<u>(229,544)</u>
EXPENDITURES			
Salaries and wages and payroll taxes	449,614	353,659	95,955
Employee benefits	-	80,090	(80,090)
Travel expenditures	7,500	915	6,585
Equipment	-	41,930	(41,930)
Supplies and office expenditures	73,600	20,898	52,702
Professional fees	92,000	71,867	20,133
Site development	1,160,000	67,831	1,092,169
Membership fees	1,500	-	1,500
Maintenance and demolition	37,500	23,623	13,877
Insurance	88,500	85,198	3,302
Rental utilities	105,975	77,988	27,987
Rental maintenance/improvements	3,972,500	578,799	3,393,701
Meetings and entertainment	5,500	2,537	2,963
Advertising	40,100	26,024	14,076
Donations	3,500	7,300	(3,800)
Miscellaneous	500	5,295	(4,795)
Cost of property sales	4,250	2,442	1,808
Bad debt expenditures	-	485	(485)
Contribution to and behalf of FCGA	5,000	514	4,486
Total expenditures	<u>6,047,539</u>	<u>1,447,395</u>	<u>4,600,144</u>
Net change in fund balance	<u>\$ (4,160,686)</u>	<u>\$ 209,914</u>	<u>\$ 4,370,600</u>

FCGA Assets Held By LIDA - York Water to Acquire

New Water Tower and Water Lines:		
2001		\$ 1,206,271.00
Corrosion Control - Water Plant:		
2002		\$ 145,764.00
Water Line Ext. to Warrior:		
2002		\$ 38,975.00
Raw Water Control Arm:		
2003--2004		\$ 90,232.00
Backwash System:		
2005		\$ 556,411.00
Bldg 555 Reservoir Roof Replacement:		
2004		\$ 198,122.00
High Service Pump:		
2004--2005		\$ 78,395.00
Water - Opportunity Avenue:		
2001/2005		\$ 117,453.00
Dam and Reservoir:		
2005		\$ 2,975,382.00
Treatment Plant Land:		
2011		\$ 382,387.00
Water Main to Torcomp Parcel:		
2014		\$ 3,705.00
Water Tower Piping/Pumps/Painting:		
2015--2016		\$ 421,598.00
Development Ave. Water Line Ext:		
2017		\$ 138,738.00
Pump Station 190:		
2001		\$ 440,335.00
New Sewer Lines:		
2001		\$ 183,143.00
Pump Station 508:		
2008		\$ 143,800.00
Sewer - Opportunity Avenue:		
2001/2005		\$ 277,033.00
Sandbag Road Sewer:		
2013/2014		\$ 73,711.00
Pump Station 49 Rebuild		
2020		\$ 8,500.00
	TOTAL	\$ 7,479,955.00

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-4

A-4 The Application at Page 7 identified that York-WW paid FCGA and LIDA (the Sellers) \$10,000 upon execution of the Agreement toward partial reimbursement of closing costs. However, the tentative journal entries provided in the Application at Pages 9 through 10 do not appear to account for this \$10,000 expense. Please clarify the source of funds York-WW used to fund this cost and state how York-WW intends to record this cost.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

The \$10,000 was paid through York Water's normal operational expense account. As noted in the Application, York Water will perform an original cost study for the purchase of the Sellers' wastewater system. York Water plans to record the \$10,000 as part of the acquisition cost of the system. Attached to this response are the Company's revised tentative journal entries for Section 1 (Record Purchase of System) and Section 2 (Close Project to Utility Plant), which reflect this expense.

1. Record Purchase of System

Account No.	Account Description	Debit	Credit
105	Construction Work in Process	\$2,278,000	
131	Cash		\$2,278,000

2. Close Project to Utility Plant

Account No.	Account Description	Debit	Credit
101	Utility Plant in Service	\$4,634,426	
108	Accumulated Depreciation (Assets net of Depreciation)		\$0
114	Utility Plant Acquisition Adj.		\$2,356,426
105	Construction Work in Process (Purchase price + other acquisition costs)		\$2,278,000

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-5

A-5 In the Application at Page 6, York-WW indicates that the portions of the requested territory that do not presently have wastewater facilities, including in Hamilton Township, are part of one federally owned parcel of land upon which the Letterkenny Army Depot is located and served by the wastewater system assets to be transferred as part of this transaction (Wastewater System). With respect to the portions of the requested territory that York-WW indicated do not presently have wastewater facilities, please clarify:

- a. How wastewater service is currently provided to the developed properties in the portions of the requested service territory that are indicated to not presently have wastewater facilities;
- b. Why York-WW is requesting to serve territory outside of the Sellers' existing plant footprint;
- c. If an application for wastewater service has been submitted to York-WW or a Seller to provide wastewater service to the portions of the requested service territory that do not presently have wastewater facilities; and
- d. The current and estimated average daily wastewater flow demand for the portions of the requested territory that do not presently have wastewater facilities for the five years following the close of this transaction.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

- a. The portion of the Letterkenny Army Depot that falls within the boundaries of Hamilton Township contains no developed properties at this time.
- b. York Water has requested authorization to serve the entire parcel owned by the Letterkenny Army Depot, including that small portion which falls within Hamilton Township, so that the Company is ready and prepared to serve any facilities that are installed within the Letterkenny Army Depot. Development at the Letterkenny Army Depot is ongoing and determined by the mission requirements of the U.S. Army.

Failure to receive authorization to serve the entire single parcel would unnecessarily delay wastewater service extensions to future facilities installed by the U.S. Army. Therefore, it is neither practical nor reasonable for York Water to only expand its certificated service territory to encompass the current facilities within this single land parcel.

- c. At the time of this response, York Water and the Seller have not received specific requests for wastewater service in the areas of the Letterkenny Army Depot that do not currently have wastewater facilities. However, as explained in response to subpart (b), the proposed certificated service territory consists of a single land parcel. It is neither practical nor reasonable for York Water to only expand its certificated service territory to encompass the current facilities within this single land parcel.
- d. No estimates for average daily wastewater flow demand are available to York Water at this time. Development of these areas are driven by the mission demands and requirements of the U.S. Army and Letterkenny Army Depot.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-6

A-6 Please demonstrate York-WW's ability to provide adequate wastewater collection, conveyance, treatment, and disposal capacity to meet present and future customer demands within the requested service territory using the Wastewater System. This demonstration must separately address the portion of the Wastewater System that includes the Rocket Road Wastewater Treatment Plant (WWTP) and the portion of the Wastewater System that includes the South Patrol Road WWTP.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

The Rocket Road WWTP consists of a mission specific wastewater treatment plant serving a small number of satellite buildings located within the Letterkenny Army Depot. The Rocket Road WWTP NPDES permitted flow is 0.008 MGD and averaged 0.001 MGD during 2021. The current capacity is adequate, and no expansion of this mission has been indicated by the Letterkenny Army Depot.

The South Patrol Road WWTP consists of a 0.25 MGD Aero-Mod facility designed to treat nutrients, ammonia, and phosphorus, in addition to biological oxygen demand ("BOD") and total suspended solids ("TSS"). The facility is designed to treat 600 lbs/day of BOD and is currently operating within design specifications. The current design configuration addresses projected 5-year growth within the wastewater service territory. The facility was also designed with an expansion to 0.50 MGD with the addition of a second 0.25 MGD treatment module.

Please see **Attachment 1** for the South Patrol Road WWTP loading projections and **Attachment 2** for documents related to the Rocket Road WWTP capacity considerations.

Facility Name: Franklin County General Authority

Permit No.: 30597

Persons/EDU: 2.44

Existing Hydraulic Design Capacity: 0.25 MGD
 Upgrade Planned in Next 5 Years? NO Year:
 Future Hydraulic Design Capacity: MGD

Existing Organic Design Capacity: 600 lbs BOD5/day
 Upgrade Planned in Next 5 Years? NO Year:
 Future Organic Design Capacity: lbs BOD5/day

Monthly Average Flows for Past Five Years (MGD)

Month	2017	2018	2019	2020	2021
January	0.111	0.104	0.126	0.102	0.07
February	0.098	0.172	0.067	0.096	0.075
March	0.112	0.131	0.154	0.105	0.12
April	0.111	0.153	0.162	0.108	0.096
May	0.114	0.121	0.171	0.11	0.089
June	0.099	0.086	0.084	0.074	0.081
July	0.112	0.113	0.086	0.068	0.069
August	0.126	0.233	0.087	0.079	0.58
September	0.092	0.204	0.089	0.082	0.106
October	0.106	0.116	0.103	0.078	0.054
November	0.108	0.214	0.089	0.075	0.053
December	0.082	0.154	0.099	0.0932	0.045
Annual Avg	0.106	0.15	0.11	0.0892	0.12
Max 3-Mo Avg	0.112	0.184	0.165	0.1077	0.252
Max : Avg Ratio	1.06	1.23	1.50	1.21	2.10
Existing EDUs	2,405.0	2,481.0	2,557.0	2,557.0	2,557.0
Flow/EDU (GPD)	44.1	60.5	43.0	34.9	46.9
Flow/Capita (GPD)	18.1	24.8	17.6	14.3	19.2
Exist. Overload?	NO	NO	NO	NO	NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

Month	2017	2018	2019	2020	2021
January	135	130	136	319	90
February	136	70	151	311	90
March	106	165	158	308	288
April	113	251	184	380	367
May	139	192	137	365	479
June	121	266	339	593	252
July	120	180	178	616	127
August	154	218	105	260	275
September	183	295	387	449	108
October	149	232	287	105	66
November	164	169	145	186	89
December	120	168	237	175	80
Annual Avg	137	195	204	339	193
Max Mo Avg	183	295	387	616	479
Max : Avg Ratio	1.34	1.52	1.90	1.82	2.49
Existing EDUs	2,405	2,481	2,557	2,557	2,557
Load/EDU	0.057	0.078	0.080	0.133	0.075
Load/Capita	0.023	0.032	0.033	0.054	0.031
Exist. Overload?	NO	NO	NO	YES	NO

Projected Flows for Next Five Years (MGD)

	2022	2023	2024	2025	2026
New EDUs	0.0	82.0	82.0	82.0	82.0
New EDU Flow	0	0.0038	0.0038	0.0038	0.0038
Proj. Annual Avg	0.115	0.1188	0.1226	0.1264	0.1302
Proj. Max 3-Mo Avg	0.1631	0.1685	0.1739	0.1793	0.1846
Proj. Overload?	NO	NO	NO	NO	NO

Projected BOD5 Loads for Next Five Years (lbs/day)

	2022	2023	2024	2025	2026
New EDUs	0	82	82	82	82
New EDU Load	0.000	6.934	6.934	6.934	6.934
Proj. Annual Avg	213	220	227	234	241
Proj. Max Avg	386	399	412	424	437
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

Total Monthly Precipitation for Past Five Years (Inches)

Month	2017	2018	2019	2020	2021
January	3.45	2.71	2.05	2.9	1.65
February	1.67	4.21	2.16	2.32	2.94
March	2.8	1.44	3.91	3.77	3.04
April	2.78	5.32	5.67	5.31	2.84
May	6.16	5.16	6.24	1.89	4.99
June	3.21	4.46	3.62	3.93	6.09
July	8.56	9.46	5.57	3.95	4.28
August	5.2	8.04	2.42	5.75	5.33
September	1.57	10.35	1.21	2.84	7.32
October	6.61	3.51	5.21	2.74	2.24
November	2.2	5.93	1.03	2.51	2.19
December	1.11	6.34	3.26	4.75	1.13

Rocket Road NPDES Permit: #PA0044521
2021 Influent & Effluent Hydraulic and Organic Loading Summary

	Avg Flow MGD	Influent				Effluent			
		BOD mg/L	BOD lb/day	TSS mg/L	TSS lb/day	CBOD mg/L	CBOD lb/day	TSS mg/L	TSS lb/day
Jan	0.000477	183	0.728	76	0.302	4	0.016	10	0.040
Feb	0.000572	341	1.627	84	0.401	4	0.019	4	0.019
Mar	0.000567	468	2.213	88	0.416	7	0.033	7	0.033
April	0.000699	255	1.487	80	0.467	4	0.023	6	0.035
May	0.001095	479	4.376	57	0.521	23	0.210	7	0.064
June	0.002162	385	6.942	128	2.308	4	0.072	8	0.144
Jul	0.001828	246	3.750	141	2.149	4	0.061	7	0.107
Aug	0.001555	145	1.880	83	1.076	3	0.039	7	0.091
Sep	0.002047	246	4.201	234	3.996	3	0.051	13	0.222
Oct	0.001269	107	1.132	132	1.397	3	0.032	9	0.095
Nov	0.000428	298	1.063	432	1.541	3	0.011	8	0.029
Dec	0.000226	257	0.485	126	0.238	4	0.008	5	0.009
Average	0.001077	284	2.490	138	1.234	5.5	0.048	7.6	0.074



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: January Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0023							0.0
2	0.0021							0.0
3	0.0018							0.0
4	0.0018						11.1	0.0
5	0.0011	180.0	2	72.0	1	4,220.0	11.2	0.0
6	0.0011						11	0.0
7	0.0011						10.9	0.0
8	0.0001						11.6	0.0
9	0.0000							0.0
10	0.0000							0.0
11	0.0002						11.4	0.0
12	0.0003	186.0	0	80.0	0	4,220.0	11	0.0
13	0.0003						10.9	0.0
14	0.0002						10.5	0.0
15	0.0001						11.7	0.0
16	0.0001							0.0
17	0.0000							0.0
18	0.0000						11.6	0.0
19	0.0003						11.2	0.0
20	0.0002						10.9	0.0
21	0.0003						10.7	0.0
22	0.0003						10.7	0.0
23	0.0000							0.0
24	0.0000							0.0
25	0.0003						11.2	0.0
26	0.0002						11	0.0
27	0.0003						11.3	0.0
28	0.0002						11.1	0.0
29	0.0001							0.0
30	0.0000							0.0
31	0.0000							0.0
Avg	0.0	183	1	76	0	4,220	11	
Max	0.002	186	2	80	1	4,220	12	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 2/19/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin County General Authority 3813 Rocket Road Month: 1 (select number) Year: 2021
 Municipality: Letterkenny Township County: _____ Permit No.: PA0044521 Outfall: 001
 Watershed: 13-C Renewal application due **180 days** prior to expiration.
 Laboratories: ALS Environmental, Franklin Analytical This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen		TRC	CBOD5		TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N						
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	
1	Fri	1/1/21	0.0023																				
	Sat	1/2/21	0.0021																				
	Sun	1/3/21	0.0018																				
	Mon	1/4/21	0.0018	7.3		11.6		0.13															
	Tue	1/5/21	0.0011	7.3		10.9		0.48	<	4.0	9.5	<	1	0.38	0.33	<	1.25	15.10	<	0.01	<	15.11	
	Wed	1/6/21	0.0011	7.5		11.2		0.26															
	Thu	1/7/21	0.0011	7.1		10.9		0.11															
	Fri	1/8/21	0.0001	7.1		11.1		0.48															
	Sat	1/9/21	0.0000																				
2	Sun	1/10/21	0.0000																				
	Mon	1/11/21	0.0002	7.3		11.2		0.09															
	Tue	1/12/21	0.0003	7.6		11.3		0.04	<	4.0	9.5	<	1	<	0.30	0.29		1.45	23.00	<	0.01	<	23.01
	Wed	1/13/21	0.0003	7.5		11.1		0.12															
	Thu	1/14/21	0.0002	7.6		10.7		0.21															
	Fri	1/15/21	0.0001	7.5		10.9		0.03															
	Sat	1/16/21	0.0001																				
	Sun	1/17/21	0.0000																				
	Mon	1/18/21	0.0000	7.5		10.5		0.07															
	Tue	1/19/21	0.0003	7.5		10.9		0.26															
	Wed	1/20/21	0.0002	7.5		11.1		0.23															
	Thu	1/21/21	0.0003	7.7		11.0		0.20															
	Fri	1/22/21	0.0003	7.5		10.7		0.13															
	Sat	1/23/21	0.0000																				
4	Sun	1/24/21	0.0000																				
	Mon	1/25/21	0.0003	7.3		11.1		0.06															
	Tue	1/26/21	0.0002	7.3		11.0		0.14															
	Wed	1/27/21	0.0003	7.5		11.0		0.10															
	Thu	1/28/21	0.0002	7.6		11.3		0.13															
	Fri	1/29/21	0.0001																				
	Sat	1/30/21	0.0000																				
5	Sun	1/31/21	0.0000																				

Statistics for DMR																						
Daily Minimum (Conc.):		7.1		10.5		0.03	<	4		9.5	<	1	<	0.3	0.292	<	1.25	15.1	<	0.01	<	15.11
Daily Maximum (Conc.):		7.7		11.6		0.48	<	4		9.5	<	1	<	0.38	0.327	<	1.45	23	<	0.01	<	23.01
Max Avg Weekly (Conc.):				11.1		0.3	<	4		9.5	<	1	<	0.38	0.327	<	1.45	23	<	0.01	<	23.01
Avg Monthly (Conc.):				11		0.2	<	4		10			<	0.34	0.31	<	1.35	19.1	<	0.01	<	19.06
Geometric Mean (Conc.):													<	1								
Max Avg Weekly (Load):	0.0010159			0.1		0.002	<	0.04		0.09				0.004	0.003	<	0.01	0.1	<	0.00009	<	0.1
Avg Monthly (Load):	0.0004772			0.04		0.0008	<	0.02		0.06			<	0.002	0.002	<	0.008	0.1	<	0.00006	<	0.1
Total Monthly (Load):	0.0147916			1		0.02	<	0.7		2			<	0.07	0.06	<	0.2	3	<	0.002	<	3
Daily Minimum (Load):	0			0.006		0.00002	<	0.009		0.02			<	0.0007	0.0007	<	0.003	0.05	<	0.00002	<	0.05
Daily Maximum (Load):	0.002315			0.2		0.005	<	0.04		0.09				0.004	0.003	<	0.01	0.1	<	0.00009	<	0.1

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff License No.: 197707
 Title: O&M Tech II Date: 2/19/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: February Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0000							0.0		
2	0.0001						11.5	0.0		
3	0.0002	497.0	1	116.0	0	2,860.0	11.4	0.0		
4	0.0002						11.1	0.0		
5	0.0002						11.7	0.0		
6	0.0002							0.0		
7	0.0001							0.0		
8	0.0002						12.1	0.0		
9	0.0002	184.0	0	51.0	0	4,840.0	11.8	0.0		
10	0.0013						11.3	0.0		
11	0.0015						10.7	0.0		
12	0.0013						11.2	0.0		
13	0.0010							0.0		
14	0.0008							0.0		
15	0.0004						11.8	0.0		
16	0.0015						10.4	0.0		
17	0.0002						11.2	0.0		
18	0.0002							0.0		
19	0.0002						10.4	0.0		
20	0.0000							0.0		
21	0.0000							0.0		
22	0.0002						11.5	0.0		
23	0.0006						11.3	0.0		
24	0.0011						11.2	0.0		
25	0.0008						10.7	0.0		
26	0.0004						11.5	0.0		
27	0.0004							0.0		
28	0.0027							0.0		
29										
30										
31										
Avg	0.001	341	1	84	0	3,850	11			
Max	0.003	497	1	116	0	4,840	12			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 3/15/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin CountyGeneral Authority 3813 Rocket Road Month: 2 (select number) Year: 2021
Municipality: Letterkenny Township County: _____ Permit No.: PA0044521 Outfall: 001
Watershed: 13.C Renewal application due 180 days prior to expiration.
Laboratories: ALS Environmental, Franklin Analytical This permit will expire on: March 31, 2021

Parameter			Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Colliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N		
Stage			1	1	1	1	1	1	1	1	1	1	1	1	1		
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L
1	Sun	1/31/21	0.0000														
	Mon	2/1/21	0.0000														
	Tue	2/2/21	0.0001		7.2		11.6		0.00								
	Wed	2/3/21	0.0002		7.2		11.1		0.27		< 4.0		3.0		< 1.0		< 0.3
	Thu	2/4/21	0.0002		7.3		11.3		0.18				0.17		< 1.25		58.6
	Fri	2/5/21	0.0002		7.4		11.1		0.22						< 0.01		< 58.61
	Sat	2/6/21	0.0002														
2	Sun	2/7/21	0.0001														
	Mon	2/8/21	0.0002		7.3		11.8		0.00								
	Tue	2/9/21	0.0002		7.2		11.3		0.03		< 4.0		4.8		< 1.0		< 0.3
	Wed	2/10/21	0.0013		7.0		11.5		0.07				0.2		< 1.25		62.2
	Thu	2/11/21	0.0015		7.2		11.6		0.10						< 0.01		< 62.21
	Fri	2/12/21	0.0013		7.1		11.6		0.02								
	Sat	2/13/21	0.0010														
	Sun	2/14/21	0.0008														
	Mon	2/15/21	0.0004		7.5		11.8		0.04								
	Tue	2/16/21	0.0015		7.5		10.9		0.10								
	Wed	2/17/21	0.0002		7.4		11.3		0.04								
	Thu	2/18/21	0.0002														
	Fri	2/19/21	0.0002		7.3		11.2		0.01								
	Sat	2/20/21	0.0000														
4	Sun	2/21/21	0.0000														
	Mon	2/22/21	0.0002		7.4		11.4		0.04								
	Tue	2/23/21	0.0006		7.5		11.0		0.13								
	Wed	2/24/21	0.0011		7.3		10.9		0.00								
	Thu	2/25/21	0.0008		7.2		10.8		0.01								
	Fri	2/26/21	0.0004		7.5		10.9		0.06								
	Sat	2/27/21	0.0004														
5	Sun	2/28/21	0.0027														
Statistics for DMR																	
Daily Minimum (Conc.):					7		10.8		0		< 4		3		< 1		< 0.3
Daily Maximum (Conc.):					7.5		11.8		0.27		< 4		4.8		< 1		< 0.3
Max Avg Weekly (Conc.):							11.6		0.2		< 4		4.8		< 0.3		0.2
Avg Monthly (Conc.):							11.3		0.1		< 4		4		< 0.3		0.19
Geometric Mean (Conc.):											< 1						
Max Avg Weekly (Load):			0.000793			0.09		0.0005		< 0.007		0.008		0.0005		0.0003	< 0.002
Avg Monthly (Load):			0.000572			0.06		0.0003		< 0.007		0.006		0.0005		0.0003	< 0.002
Total Monthly (Load):			0.0160146			2		0.009		< 0.2		0.2		0.01		0.009	< 0.06
Daily Minimum (Load):			0			0.008		#NUM!		< 0.006		0.005		0.0005		0.0003	< 0.002
Daily Maximum (Load):			0.0027018			0.1		0.001		< 0.007		0.008		0.0005		0.0003	< 0.002

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C. S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff License No.: 197707
Title: O&M Tech II Date: 3/15/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: March Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0013						10.6	0.0	
2	0.0005	583.0	3	80.0	0	4,080.0	11.6	0.0	
3	0.0005						10.6	0.0	
4	0.0004						10.4	0.0	
5	0.0003						10.9	0.0	
6	0.0001							0.0	
7	0.0000							0.0	
8	0.0003						11.1	0.0	
9	0.0004	353.0	1	96.0	0	1,740.0	10.8	0.0	
10	0.0006						10.9	0.0	
11	0.0006						10.7	0.0	
12	0.0006						10.4	0.0	
13	0.0004							0.0	
14	0.0001							0.0	
15	0.0004						10.7	0.0	
16	0.0003						10.0	0.0	
17	0.0005						9.3	0.0	
18	0.0014						9.1	0.0	
19	0.0004						10.7	0.0	
20	0.0002							0.0	
21	0.0001							0.0	
22	0.0005						9.8	0.0	
23	0.0006						10.2	0.0	
24	0.0009						9.4	0.0	
25	0.0009						10.4	0.0	
26	0.0007						9.7	0.0	
27	0.0006							0.0	
28	0.0015							0.0	
29	0.0009						10.6	0.0	
30	0.0008						10.2	0.0	
31	0.0009						9.4	0.0	
Avg	0.001	468	2	88	0	2,910	10		
Max	0.002	583	3	96	0	4,080	12		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 4/15/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 3 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N						
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Stage	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q			
1	Sun	2/28/21	0.0027																		
	Mon	3/1/21	0.0013	7.4	10.9	0.17															
	Tue	3/2/21	0.0005	7.4	11.7	0.04	10.5	10.6	178.0	<	0.3	0.39	<	1.25	44.9	<	0.01	<	44.91		
	Wed	3/3/21	0.0005	7.4	10.8	0.04															
	Thu	3/4/21	0.0004	7.4	10.8	0.20															
	Fri	3/5/21	0.0003	7.3	11.1	0.05															
	Sat	3/6/21	0.0001																		
2	Sun	3/7/21	0.0000																		
	Mon	3/8/21	0.0003	7.6	11.2	0.03															
	Tue	3/9/21	0.0004	7.8	10.9	0.10	<	4.0	3.6	<	1.0	<	0.3	0.15	<	1.25	48.6	<	0.01	<	48.61
	Wed	3/10/21	0.0006	7.7	10.9	0.15															
	Thu	3/11/21	0.0006	7.7	10.6	0.14															
	Fri	3/12/21	0.0006	7.5	10.3	0.14															
	Sat	3/13/21	0.0004																		
3	Sun	3/14/21	0.0001																		
	Mon	3/15/21	0.0004	7.8	11.2	0.03															
	Tue	3/16/21	0.0003	7.5	10.9	0.06															
	Wed	3/17/21	0.0005	8.2	6.5	0.17															
	Thu	3/18/21	0.0014	7.6	10.7	0.03															
	Fri	3/19/21	0.0004	7.4	10.8	0.03															
	Sat	3/20/21	0.0002																		
4	Sun	3/21/21	0.0001																		
	Mon	3/22/21	0.0005	7.3	10.6	0.02															
	Tue	3/23/21	0.0006	7.7	10.7	0.14															
	Wed	3/24/21	0.0009	7.3	10.5	0.06															
	Thu	3/25/21	0.0009	7.5	10.2	0.10															
	Fri	3/26/21	0.0007	7.6	9.9	0.11															
	Sat	3/27/21	0.0006																		
5	Sun	3/28/21	0.0015																		
	Mon	3/29/21	0.0009	7.4	10.6	0.08															
	Tue	3/30/21	0.0008	7.4	10.3	0.15															
	Wed	3/31/21	0.0009	7.3	10.2	0.14															
	Thu	4/1/21	0.0013	7.3	10.0	0.11															
	Fri	4/2/21	0.0004	7.5	10.1	0.24															
	Sat	4/3/21	0.0																		

Statistics for DMR																								
Daily Minimum (Conc.):		7.3		6.5		0.02	<	4		3.6	<	1	<	0.3		0.15	<	1.25		44.9	<	0.01	<	44.91
Daily Maximum (Conc.):		8.2		11.7		0.2		10.5		10.6		178	<	0.3		0.39	<	1.25		48.6	<	0.01	<	48.61
Max Avg Weekly (Conc.):				11.1		0.1		10.5		10.6			<	0.3		0.39	<	1.25		48.6	<	0.01	<	48.61
Avg Monthly (Conc.):				10.5		0.1	<	7		7			<	0.3		0.27	<	1.25		48.8	<	0.01	<	48.78
Geometric Mean (Conc.):												<	13											
Max Avg Weekly (Load):	0.0008156			0.07		0.0009		0.05		0.05			<	0.001		0.002	<	0.005		0.2	<	0.00004	<	0.2
Avg Monthly (Load):	0.0005669			0.06		0.0005	<	0.03		0.03			<	0.001		0.001	<	0.005		0.2	<	0.00004	<	0.2
Total Monthly (Load):	0.0175726			2		0.02	<	0.9		0.9			<	0.04		0.03	<	0.2		6	<	0.001	<	6
Daily Minimum (Load):	0			0.02		0.00008	<	0.01		0.01			<	0.001		0.0005	<	0.004		0.2	<	0.00004	<	0.2
Daily Maximum (Load):	0.0015035			0.1		0.002		0.05		0.05			<	0.001		0.002	<	0.005		0.2	<	0.00004	<	0.2

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 4/15/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: April Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent				Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)
1	0.0013						9.6	0.0
2	0.0004						10.8	0.0
3	0.0000							0.0
4	0.0001							0.0
5	0.0007						10.7	0.0
6	0.0008	290.0	2	112.0	1	3,600.0	9.4	0.0
7	0.0008						9.6	0.0
8	0.0009						9.4	0.0
9	0.0007						9.4	0.0
10	0.0004							0.0
11	0.0036							0.0
12	0.0010						9.2	0.0
13	0.0008	220.0	1	48.0	0	3,260.0	9.7	0.0
14	0.0007						9.3	0.0
15	0.0005						9.3	0.0
16	0.0005						9.5	0.0
17	0.0004							0.0
18	0.0002							0.0
19	0.0006						10.2	0.0
20	0.0006						9.4	0.0
21	0.0005						9.8	0.0
22	0.0004						9.4	0.0
23	0.0004						10.1	0.0
24	0.0006							0.0
25	0.0003							0.0
26	0.0006						9.9	0.0
27	0.0006						10.0	0.0
28	0.0008						10.0	0.0
29	0.0012						9.4	0.0
30	0.0007						9.1	0.0
31								
Avg	0.001	255	2	80	1	3,430	10	
Max	0.004	290	2	112	1	3,600	11	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 5/17/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: May Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent				Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0002							0.0	
2	0.0002							0.0	
3	0.0013						9.9	0.0	
4	0.0012	322.0	3	30.0	0	3,200.0	9.3	0.0	
5	0.0020						6.1	0.0	
6	0.0008						8.6	0.0	
7	0.0006						8.2	0.0	
8	0.0004							0.0	
9	0.0005							0.0	
10	0.0011						8.7	0.0	
11	0.0009	636.0	5	84.0	1	2,340.0	8.9	0.0	
12	0.0009						8.2	0.0	
13	0.0010						7.3	0.0	
14	0.0008						7.8	0.0	
15	0.0000							0.0	
16	0.0000							0.0	
17	0.0012						8.2	0.0	
18	0.0011						8.8	0.0	
19	0.0014						6.2	0.0	
20	0.0015						8.1	0.0	
21	0.0015						7.2	0.0	
22	0.0004							0.0	
23	0.0009							0.0	
24	0.0017						8.4	0.0	
25	0.0020						8.1	0.0	
26	0.0022						7.7	0.0	
27	0.0021						8.0	0.0	
28	0.0022						3.8	0.0	
29	0.0019							0.0	
30	0.0012							0.0	
31	0.0007							0.0	
Avg	0.001	479	4	57	0	2,770	8		
Max	0.002	636	5	84	1	3,200	10		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 6/16/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 5 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Parameter			Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N														
Stage			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	
1	Sat	5/1/21	0.0002																										
	Sun	5/2/21	0.0002																										
	Mon	5/3/21	0.0013		7.4		9.6		0.03																				
	Tue	5/4/21	0.0012		7.3		9.1		0.18		< 4.0		7.0		< 1.0		< 0.3		0.3		< 1.25		92.2		< 0.13		< 92.33		
	Wed	5/5/21	0.0020		7.2		7.6		0.13																				
	Thu	5/6/21	0.0008		7.6		9.2		0.12																				
	Fri	5/7/21	0.0006		7.6		9.5		0.07																				
	Sat	5/8/21	0.0004																										
2	Sun	5/9/21	0.0005																										
	Mon	5/10/21	0.0011		7.6		9.6		0.04																				
	Tue	5/11/21	0.0009		7.7		9.7		0.17		41.2		7.0		< 1.0		< 0.3		0.3		< 1.25		84.2		< 0.13		< 84.33		
	Wed	5/12/21	0.0009		7.5		9.8		0.21																				
	Thu	5/13/21	0.0010		7.4		9.7		0.18																				
	Fri	5/14/21	0.0008		7.4		9.6		0.19																				
	Sat	5/15/21	0.0000																										
	Sun	5/16/21	0.0000																										
	Mon	5/17/21	0.0012		7.6		9.6		0.04																				
	Tue	5/18/21	0.0011		7.6		9.6		0.13																				
	Wed	5/19/21	0.0014		7.3		8.6		0.09																				
	Thu	5/20/21	0.0015		7.5		9.4		0.26																				
	Fri	5/21/21	0.0015		7.4		9.4		0.34																				
	Sat	5/22/21	0.0004																										
4	Sun	5/23/21	0.0009																										
	Mon	5/24/21	0.0017		7.4		9.0		0.04																				
	Tue	5/25/21	0.0020		7.5		9.4		0.12																				
	Wed	5/26/21	0.0022		7.4		8.8		0.26																				
	Thu	5/27/21	0.0021		7.4		8.9		0.26																				
	Fri	5/28/21	0.0022		7.3		9.1		0.30																				
	Sat	5/29/21	0.0019																										
5	Sun	5/30/21	0.0012																										
	Mon	5/31/21	0.0007																										
Statistics for DMR																													
Daily Minimum (Conc.):					7.2		7.6		0.03		< 4		7		< 1		< 0.3		0.3		< 1.25		84.2		< 0.13		< 84.33		
Daily Maximum (Conc.):					7.7		9.8		0.34		41.2		7		< 1		< 0.3		0.3		< 1.25		92.2		< 0.13		< 92.33		
Max Avg Weekly (Conc.):							9.7		0.2		41.2		7				< 0.3		0.3		< 1.25		92.2		< 0.13		< 92.33		
Avg Monthly (Conc.):							9.3		0.2		< 23		7				< 0.3		0.3		< 1.25		88.2		< 0.13		< 88.33		
Geometric Mean (Conc.):																													
Max Avg Weekly (Load):					0.00186		0.2		0.003		0.3		0.07				< 0.003		0.003		< 0.01		1		< 0.001		< 1		
Avg Monthly (Load):					0.0010954		0.1		0.002		< 0.2		0.06				< 0.003		0.003		< 0.01		0.8		< 0.001		< 0.8		
Total Monthly (Load):					0.0339586		3		0.06		< 5		2				< 0.08		0.08		< 0.3		24		< 0.04		< 24		
Daily Minimum (Load):					0		0.05		0.0003		< 0.04		0.05				< 0.002		0.002		< 0.009		0.6		< 0.001		< 0.6		
Daily Maximum (Load):					0.0022302		0.2		0.006		0.3		0.07				< 0.003		0.003		< 0.01		1		< 0.001		< 1		

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Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 6/16/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: June Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0023	373.0	7	128.0	2	2,260.0	8.8	0.0		
2	0.0026						7.3	0.0		
3	0.0030						7.8	0.0		
4	0.0022						8.3	0.0		
5	0.0015							0.0		
6	0.0020							0.0		
7	0.0030						7.6	0.0		
8	0.0028	397.0	9	128.0	3	2,280.0	7.1	0.0		
9	0.0020						8.0	0.0		
10	0.0043						6.7	0.0		
11	0.0024						7.4	0.0		
12	0.0015							0.0		
13	0.0018							0.0		
14	0.0023						7.7	0.0		
15	0.0019						7.6	0.0		
16	0.0018							0.0		
17	0.0016						7.2	0.0		
18	0.0016						8.2	0.0		
19	0.0015							0.0		
20	0.0018							0.0		
21	0.0018						8.3	0.0		
22	0.0021						6.7	0.0		
23	0.0019						7.3	0.0		
24	0.0020						7.2	0.0		
25	0.0020						7.1	0.0		
26	0.0019							0.0		
27	0.0021							0.0		
28	0.0029						5.2	0.0		
29	0.0021						7.1	0.0		
30	0.0023						7.9	0.0		
31										
Avg	0.002	385	8	128	3	2,270	7			
Max	0.004	397	9	128	3	2,280	9			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 7/21/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 6 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Parameter			Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N																					
Stage			1	1	1	1	1	1	1	1	1	1	1	1	1																					
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L					
1	Sun	5/30/21	0.0012																																	
	Mon	5/31/21	0.0007																																	
	Tue	6/1/21	0.0023		7.7		9.3		0.07		<	4.0		8.6		1.0		<	0.3		0.36		<	1.25		94.2		<	0.13		<	94.33				
	Wed	6/2/21	0.0026		7.5		9.2		0.40																											
	Thu	6/3/21	0.0030		7.4		9.1		0.46																											
	Fri	6/4/21	0.0022		7.7		8.9		0.41																											
	Sat	6/5/21	0.0015																																	
2	Sun	6/6/21	0.0020																																	
	Mon	6/7/21	0.0030		7.6		8.6		0.53																											
	Tue	6/8/21	0.0028		7.4		8.4		0.28		<	4.0		6.4		<	1.0		0.53		0.28		<	1.25		101.0		<	0.13		<	101.13				
	Wed	6/9/21	0.0020		7.5		8.7		0.34																											
	Thu	6/10/21	0.0043		7.5		8.4		0.22																											
	Fri	6/11/21	0.0024		7.5		8.6		0.15																											
	Sat	6/12/21	0.0015																																	
3	Sun	6/13/21	0.0018																																	
	Mon	6/14/21	0.0023		7.7		8.5		0.07																											
	Tue	6/15/21	0.0019		7.7		8.7		0.25																											
	Wed	6/16/21	0.0018																																	
	Thu	6/17/21	0.0016		7.6		8.7		0.21																											
	Fri	6/18/21	0.0016		7.7		8.8		0.19																											
	Sat	6/19/21	0.0015																																	
4	Sun	6/20/21	0.0018																																	
	Mon	6/21/21	0.0018		7.5		8.3		0.23																											
	Tue	6/22/21	0.0021		7.6		8.7		0.17																											
	Wed	6/23/21	0.0019		7.4		8.9		0.16																											
	Thu	6/24/21	0.0020		7.6		8.9		0.16																											
	Fri	6/25/21	0.0020		7.6		8.8		0.20																											
	Sat	6/26/21	0.0019																																	
5	Sun	6/27/21	0.0021																																	
	Mon	6/28/21	0.0029		7.5		8.1		0.75																											
	Tue	6/29/21	0.0021		7.4		8.4		0.55																											
	Wed	6/30/21	0.0023		7.3		8.4		0.48																											
	Thu	7/1/21	0.0029		7.1		7.4		0.21																											
	Fri	7/2/21	0.002		7.4		6.8		0.17																											
	Sat	7/3/21	0.011																																	
Statistics for DMR																																				
Daily Minimum (Conc.):					7.3		8.1		0.07		<	4		6.4		<	1		<	0.3		0.28		<	1.25		94.2		<	0.13		<	94.33			
Daily Maximum (Conc.):					7.7		9.3		0.75		<	4		8.6		<	1		<	0.53		0.36		<	1.25		101		<	0.13		<	101.13			
Max Avg Weekly (Conc.):							9.1		0.4		<	4		8.6		<	4		<	0.53		0.36		<	1.25		101		<	0.13		<	101.13			
Avg Monthly (Conc.):							8.7		0.3		<	4		8		<	1		<	0.42		0.32		<	1.25		97.6		<	0.13		<	97.73			
Geometric Mean (Conc.):																																				
Max Avg Weekly (Load):					0.0036149		0.2		0.009		<	0.09		0.2		<	1		<	0.01		0.007		<	0.03		2		<	0.003		<	2			
Avg Monthly (Load):					0.002162		0.2		0.006		<	0.08		0.2		<	0.009		<	0.009		0.007		<	0.03		2		<	0.003		<	2			
Total Monthly (Load):					0.0648609		5		0.2		<	3		5		<	0.3		<	0.3		0.2		<	0.8		62		<	0.08		<	62			
Daily Minimum (Load):					0.0014546		0.1		0.001		<	0.08		0.2		<	0.006		<	0.006		0.007		<	0.02		2		<	0.002		<	2			
Daily Maximum (Load):					0.0042564		0.3		0.02		<	0.09		0.2		<	0.01		<	0.01		0.007		<	0.03		2		<	0.003		<	2			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff License No.: 197707
Title: O&M Tech II Date: 7/21/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: July Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0029						7.4	0.0		
2	0.0020						7.9	0.0		
3	0.0011							0.0		
4	0.0008							0.0		
5	0.0004							0.0		
6	0.0014	355.0	4	195.0	2	5,400.0	7.7	0.0		
7	0.0020						7.3	0.0		
8	0.0020							0.0		
9	0.0023						7.2	0.0		
10	0.0014							0.0		
11	0.0030							0.0		
12	0.0024						7.6	0.0		
13	0.0022	136.0	3	86.0	2	6,480.0	7.0	0.0		
14	0.0021						7.3	0.0		
15	0.0018						7.1	0.0		
16	0.0017						7.0	0.0		
17	0.0099							0.0		
18	0.0014							0.0		
19	0.0017						7.2	0.0		
20	0.0017						7.8	0.0		
21	0.0018						7.2	0.0		
22	0.0015						7.7	0.0		
23	0.0013						8.1	0.0		
24	0.0000							0.0		
25	0.0000							0.0		
26	0.0013						7.9	0.0		
27	0.0019						7.9	0.0		
28	0.0014						8.0	0.0		
29	0.0017						6.9	0.0		
30	0.0014						7.9	0.0		
31	0.0000							0.0		
Avg	0.002	246	3	141	2	5,940	8			
Max	0.01	355	4	195	2	6,480	8			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 8/9/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: August Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control				
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)		
1	0.0000							0.0		
2	0.0011						8.0	0.0		
3	0.0011	168.0	2	120.0	1	4,150.0	7.2	0.0		
4	0.0015						8.2	0.0		
5	0.0013						6.1	0.0		
6	0.0015						7.2	0.0		
7	0.0006							0.0		
8	0.0009							0.0		
9	0.0017						7.0	0.0		
10	0.0020	122.0	2	46.7	1	2,800.0	6.7	0.0		
11	0.0017						6.1	0.0		
12	0.0016						7.4	0.0		
13	0.0017						7.9	0.0		
14	0.0008							0.0		
15	0.0002							0.0		
16	0.0031						8.1	0.0		
17	0.0022						8.1	0.0		
18	0.0046						8.1	0.0		
19	0.0019						8.3	0.0		
20	0.0018						8.0	0.0		
21	0.0012							0.0		
22	0.0010							0.0		
23	0.0019						7.1	0.0		
24	0.0016						7.4	0.0		
25	0.0017						8.0	0.0		
26	0.0017						7.6	0.0		
27	0.0015						7.4	0.0		
28	0.0012							0.0		
29	0.0011							0.0		
30	0.0018						8.0	0.0		
31	0.0022						7.3	0.0		
Avg	0.002	145	2	83	1	3,475	8			
Max	0.005	168	2	120	1	4,150	8			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 9/22/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 8 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen	TRC	COD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N					
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Stage	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q			
1	Sun	8/1/21	0.0000																	
	Mon	8/2/21	0.0011	7.8	8.6	0.07														
	Tue	8/3/21	0.0011	7.8	8.7	0.19	<	3.00	7.83	31	0.22	0.30	0.85	74.10	0.04	74.14				
	Wed	8/4/21	0.0015	7.8	8.6	0.18														
	Thu	8/5/21	0.0013	7.5	6.7	0.18														
	Fri	8/6/21	0.0015	7.6	8.4	0.19														
	Sat	8/7/21	0.0006																	
2	Sun	8/8/21	0.0009																	
	Mon	8/9/21	0.0017	7.6	8.2	0.09														
	Tue	8/10/21	0.0020	7.6	8.3	0.30	<	3.00	5.20	<	1	<	0.20	0.19	0.87	79.70	<	0.03	<	79.73
	Wed	8/11/21	0.0017	7.4	7.9	0.36														
	Thu	8/12/21	0.0016	7.6	8.2	0.22														
	Fri	8/13/21	0.0017	7.6	8.5	0.14														
	Sat	8/14/21	0.0008																	
3	Sun	8/15/21	0.0002																	
	Mon	8/16/21	0.0031	7.3	5.0	0.02														
	Tue	8/17/21	0.0022	7.2	8.4	0.15														
	Wed	8/18/21	0.0046	6.9	7.5	0.20														
	Thu	8/19/21	0.0019	7.1	6.6	0.10														
	Fri	8/20/21	0.0018	7.1	6.4	0.43														
	Sat	8/21/21	0.0012																	
4	Sun	8/22/21	0.0010																	
	Mon	8/23/21	0.0019	7.1	5.0	0.08														
	Tue	8/24/21	0.0016	7.5	8.0	0.17														
	Wed	8/25/21	0.0017	7.6	7.9	0.16														
	Thu	8/26/21	0.0017	7.7	8.3	0.11														
	Fri	8/27/21	0.0015	7.5	8.2	0.23														
	Sat	8/28/21	0.0012																	
5	Sun	8/29/21	0.0011																	
	Mon	8/30/21	0.0018	7.6	8.2	0.09														
	Tue	8/31/21	0.0022	7.8	8.2	0.26														

Statistics for DMR																				
Daily Minimum (Conc.):		6.9		5	0.02	<	3	5.2	<	1	<	0.2	0.187	0.845	74.1	<	0.025	74.14		
Daily Maximum (Conc.):		7.8		8.7	0.43	<	3	7.83		31		0.223	0.303	0.867	79.7		0.0435	<	79.73	
Max Avg Weekly (Conc.):				8.2	0.2	<	3	7.83				0.223	0.303	0.867	79.7		0.0435	<	79.73	
Avg Monthly (Conc.):				7.7	0.2	<	3	7				<	0.212	0.245	0.856	76.9	<	0.0343	<	76.94
Geometric Mean (Conc.):										6										
Max Avg Weekly (Load):	0.002151			0.2	0.004	<	0.05	0.09				<	0.003	0.003	0.01	1		0.0004	<	1
Avg Monthly (Load):	0.0015548			0.1	0.003	<	0.04	0.08				<	0.003	0.003	0.01	1		0.0004	<	1
Total Monthly (Load):	0.0481977			4	0.09	<	1	2				<	0.08	0.09	0.3	31		0.01	<	31
Daily Minimum (Load):	0			0.07	0.0005	<	0.03	0.07				<	0.002	0.003	0.008	0.7		0.0004	<	0.7
Daily Maximum (Load):	0.0046186			0.3	0.008	<	0.05	0.09				<	0.003	0.003	0.01	1		0.0004	<	1

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C. S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 9/22/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: September Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0222						6.8	0.0	
2	0.0015						7.9	0.0	
3	0.0000						8.7	0.0	
4	0.0000							0.0	
5	0.0013							0.0	
6	0.0009							0.0	
7	0.0014	281.0	3	216.0	2	4,240.0	8.4	0.0	
8	0.0016						7.7	0.0	
9	0.0015						8.2	0.0	
10	0.0012						8.5	0.0	
11	0.0007							0.0	
12	0.0005							0.0	
13	0.0014						7.9	0.0	
14	0.0017	210.0	3	252.0	4	3,790.0	8.3	0.0	
15	0.0018						7.6	0.0	
16	0.0018						8.3	0.0	
17	0.0016						8.2	0.0	
18	0.0010							0.0	
19	0.0009							0.0	
20	0.0014						8.2	0.0	
21	0.0015						8.8	0.0	
22	0.0036						8.2	0.0	
23	0.0049						7.8	0.0	
24	0.0014						8.6	0.0	
25	0.0000							0.0	
26	0.0000							0.0	
27	0.0014						8.8	0.0	
28	0.0016						8.2	0.0	
29	0.0015						8.6	0.0	
30	0.0013						8.0	0.0	
31									
Avg	0.002	246	3	234	3	4,015	8		
Max	0.022	281	3	252	4	4,240	9		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 10/19/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 9 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Week	Day	Date	Flow		pH		Dissolved Oxygen		TRC		CBOD5		TSS		Fecal Coliform		NH3-N		Total Phosphorus		TKN		NO3-N		NO2-N		NO2-N + NO3-N			
			1	Q	1	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L
1	Sun	8/29/21	0.0011																											
	Mon	8/30/21	0.0018		7.6		8.2		0.09																					
	Tue	8/31/21	0.0022		7.8		8.2		0.26																					
	Wed	9/1/21	0.0222		7.1		8.2		0.22																					
	Thu	9/2/21	0.0015		7.9		8.4		0.19																					
	Fri	9/3/21	0.0000		7.9		8.5		0.07																					
	Sat	9/4/21	0.0000																											
2	Sun	9/5/21	0.0013																											
	Mon	9/6/21	0.0009																											
	Tue	9/7/21	0.0014		8.1		8.5		0.06	<	3.00		19.80		2	<	0.20		0.84		0.66		23.40	<	0.03	<	23.43			
	Wed	9/8/21	0.0016		7.8		8.6		0.23																					
	Thu	9/9/21	0.0015		7.9		8.6		0.21																					
	Fri	9/10/21	0.0012		7.9		8.8		0.18																					
	Sat	9/11/21	0.0007																											
3	Sun	9/12/21	0.0005																											
	Mon	9/13/21	0.0014		7.7		8.6		0.07																					
	Tue	9/14/21	0.0017		7.7		8.7		0.20	<	3.00		6.10		11	<	0.20		0.25		1.98		31.80	<	0.03	<	31.83			
	Wed	9/15/21	0.0018		7.6		8.5		0.20																					
	Thu	9/16/21	0.0018		7.7		8.7		0.22																					
	Fri	9/17/21	0.0016		7.4		8.6		0.19																					
	Sat	9/18/21	0.0010																											
4	Sun	9/19/21	0.0009																											
	Mon	9/20/21	0.0014		7.4		8.6		0.06																					
	Tue	9/21/21	0.0015		7.7		8.8		0.11																					
	Wed	9/22/21	0.0036		7.5		8.5		0.17																					
	Thu	9/23/21	0.0049		7.4		8.1		0.12																					
	Fri	9/24/21	0.0014		7.4		8.9		0.06																					
	Sat	9/25/21	0.0000																											
5	Sun	9/26/21	0.0000																											
	Mon	9/27/21	0.0014		7.7		9.0		0.09																					
	Tue	9/28/21	0.0016		7.6		9.0		0.21																					
	Wed	9/29/21	0.0015		7.5		9.0		0.22																					
	Thu	9/30/21	0.0013		7.7		9.0		0.14																					
	Fri	10/1/21	0.0011		7.6		9.4		0.13																					
	Sat	10/2/21	0.0010																											
Statistics for DMR																														
Daily Minimum (Conc.):					7.1		8.1		0.06	<	3		6.1		2	<	0.2		0.251		0.662		23.4	<	0.025	<	23.43			
Daily Maximum (Conc.):					8.1		9		0.23	<	3		19.8		11	<	0.2		0.838		1.98		31.8	<	0.025	<	31.83			
Max Avg Weekly (Conc.):							9.1		0.2	<	3		19.8			<	0.2		0.838		1.98		31.8	<	0.025	<	31.83			
Avg Monthly (Conc.):							8.6		0.2	<	3		13			<	0.2		0.545		1.321		27.6	<	0.025	<	27.63			
Geometric Mean (Conc.):														5																
Max Avg Weekly (Load):			0.0041115				0.5		0.01	<	0.04		0.2			<	0.003		0.009		0.03		0.5	<	0.0004	<	0.5			
Avg Monthly (Load):			0.0020474				0.2		0.004	<	0.04		0.2			<	0.003		0.007		0.02		0.4	<	0.0003	<	0.4			
Total Monthly (Load):			0.0614223				6		0.1	<	1		5			<	0.08		0.2		0.5		11	<	0.01	<	11			
Daily Minimum (Load):			0				0.09		0.0007	<	0.03		0.09			<	0.002		0.004		0.007		0.3	<	0.0003	<	0.3			
Daily Maximum (Load):			0.0221993				2		0.04	<	0.04		0.2			<	0.003		0.009		0.03		0.5	<	0.0004	<	0.5			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 10/19/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: October Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0011						9.1	0.0	
2	0.0010							0.0	
3	0.0011							0.0	
4	0.0021						8.1	0.0	
5	0.0015	95.1	1	77.3	1	4,530.0	8.3	0.0	
6	0.0015						8.4	0.0	
7	0.0017						7.9	0.0	
8	0.0016						9.1	0.0	
9	0.0019							0.0	
10	0.0021							0.0	
11	0.0007						9.1	0.0	
12	0.0014	118.0	1	186.0	2	4,210.0	7.9	0.0	
13	0.0014						8.4	0.0	
14	0.0015						7.8	0.0	
15	0.0014						8.7	0.0	
16	0.0011							0.0	
17	0.0005							0.0	
18	0.0010						8.9	0.0	
19	0.0011						8.6	0.0	
20	0.0014						9.9	0.0	
21	0.0011						8.1	0.0	
22	0.0009						9.0	0.0	
23	0.0005							0.0	
24	0.0001							0.0	
25	0.0011						8.5	0.0	
26	0.0010						8.7	0.0	
27	0.0010						9.0	0.0	
28	0.0009						8.7	0.0	
29	0.0038						8.5	0.0	
30	0.0012							0.0	
31	0.0005							0.0	
Avg	0.001	107	1	132	2	4,370	9		
Max	0.004	118	1	186	2	4,530	10		

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Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 11/22/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 10 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen	TRC	COD5	TSS	Fecal Collform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N		
			1	1	1	1	1	1	1	1	1	1	1	1	1	1	Q
Stage			MGD	Q S.U.	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q CFU/100 ml	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q mg/L	Q	Q
1	Fri	10/1/21	0.0011	7.6	9.4	0.13											
	Sat	10/2/21	0.0010														
	Sun	10/3/21	0.0011														
	Mon	10/4/21	0.0021	7.5	8.6	0.10	< 3.00	7.50	< 1	< 0.20	0.29	< 0.50	44.40	0.03	< 44.93		
	Tue	10/5/21	0.0015	7.5	9.0	0.41											
	Wed	10/6/21	0.0015	7.5	8.9	0.25											
	Thu	10/7/21	0.0017	6.9	8.9	0.20											
	Fri	10/8/21	0.0016	7.3	8.9	0.20											
	Sat	10/9/21	0.0019														
2	Sun	10/10/21	0.0021														
	Mon	10/11/21	0.0007	7.3	9.1	0.67	< 3.00	11.10	4	< 0.20	0.53	0.55	48.40	< 0.03	< 48.98		
	Tue	10/12/21	0.0014	7.9	8.7	0.54											
	Wed	10/13/21	0.0014	8.0	9.1	0.00											
	Thu	10/14/21	0.0015	7.9	9.2	0.22											
	Fri	10/15/21	0.0014	8.0	8.9	0.28											
	Sat	10/16/21	0.0011														
3	Sun	10/17/21	0.0005														
	Mon	10/18/21	0.0010	7.5	9.4	0.09											
	Tue	10/19/21	0.0011	7.4	9.6	0.12											
	Wed	10/20/21	0.0014	7.7	10.0	0.14											
	Thu	10/21/21	0.0011	7.6	9.3	0.21											
	Fri	10/22/21	0.0009	7.2	9.2	0.21											
	Sat	10/23/21	0.0005														
4	Sun	10/24/21	0.0001														
	Mon	10/25/21	0.0011	7.2	8.7	0.05											
	Tue	10/26/21	0.0010	7.7	9.3	0.13											
	Wed	10/27/21	0.0010	7.7	9.4	0.13											
	Thu	10/28/21	0.0009	7.4	9.3	0.10											
	Fri	10/29/21	0.0038	7.3	9.3	0.14											
5	Sat	10/30/21	0.0012														
	Sun	10/31/21	0.0005														
Statistics for DMR																	
Daily Minimum (Conc.):			6.9	8.6	0	< 3	7.5	< 1	< 0.2	0.285	< 0.5	44.4	< 0.03	< 44.93			
Daily Maximum (Conc.):			8	10	0.67	< 3	11.1	4	< 0.2	0.526	0.55	48.4	0.03	< 48.98			
Max Avg Weekly (Conc.):			9.5	9.5	0.3	< 3	11.1		< 0.2	0.526	0.55	48.4	0.03	< 48.98			
Avg Monthly (Conc.):			9.2	9.2	0.2	< 3	9		< 0.2	0.406	< 0.53	46.4	< 0.03	< 46.96			
Geometric Mean (Conc.):								< 2	<	0.002	0.006	0.6	0.0004	< 0.6			
Max Avg Weekly (Load):			0.0016258	0.1	0.003	< 0.04	0.1		< 0.002	0.005	< 0.006	0.6	< 0.0004	< 0.6			
Avg Monthly (Load):			0.0012689	0.1	0.002	< 0.04	0.1		< 0.002	0.2	< 0.2	17	< 0.01	< 18			
Total Monthly (Load):			0.0393362	3	0.07	< 1	3		< 0.07	0.004	< 0.006	0.6	< 0.0003	< 0.6			
Daily Minimum (Load):			0.0001295	0.05	#NUM!	< 0.03	0.09		< 0.002	0.006	< 0.006	0.6	< 0.0004	< 0.6			
Daily Maximum (Load):			0.0037643	0.3	0.006	< 0.04	0.1		< 0.002	0.006	0.006	0.6	0.0004	< 0.6			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 11/22/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: November Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0008						8.6	0.0	
2	0.0004	186.0	1	248.0	1	4,550.0	9.5	0.0	
3	0.0004						9.7	0.0	
4	0.0004						10.2	0.0	
5	0.0002						10.2	0.0	
6	0.0000							0.0	
7	0.0000							0.0	
8	0.0006						10.3	0.0	
9	0.0005	409.0	2	615.0	3	4,530.0	9.4	0.0	
10	0.0005						10.0	0.0	
11	0.0005							0.0	
12	0.0055						9.7	0.0	
13	0.0001							0.0	
14	0.0000							0.0	
15	0.0002						10.2	0.0	
16	0.0002						10.5	0.0	
17	0.0003						10.3	0.0	
18	0.0005						10.3	0.0	
19	0.0002						10.6	0.0	
20	0.0000							0.0	
21	0.0000							0.0	
22	0.0003						10.7	0.0	
23	0.0007						10.5	0.0	
24	0.0004						10.4	0.0	
25	0.0000							0.0	
26	0.0000							0.0	
27	0.0000							0.0	
28	0.0000							0.0	
29	0.0001						10.9	0.0	
30	0.0001						10.9	0.0	
31									
Avg	0.0	298	1	432	2	4,540	10		
Max	0.005	409	2	615	3	4,550	11		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 12/21/2021

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Franklin County General Authority 3813 Rocket Road Month: 11 (select number) Year: 2021
 Municipality: Letterkenny Township County: _____ Permit No.: PA0044521 Outfall: 001
 Watershed: 13-C Renewal application due 180 days prior to expiration.
 Laboratories: ALS Environmental, Franklin Analytical This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N			
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q
1	Sun	10/31/21	0.0005															
	Mon	11/1/21	0.0008		7.4													
	Tue	11/2/21	0.0004		7.7													
	Wed	11/3/21	0.0004		7.6													
	Thu	11/4/21	0.0004		7.5													
	Fri	11/5/21	0.0002		7.3													
	Sat	11/6/21	0.0000															
2	Sun	11/7/21	0.0000															
	Mon	11/8/21	0.0006		7.8													
	Tue	11/9/21	0.0005		7.7													
	Wed	11/10/21	0.0005		7.5													
	Thu	11/11/21	0.0005															
	Fri	11/12/21	0.0055		7.3													
	Sat	11/13/21	0.0001															
3	Sun	11/14/21	0.0000															
	Mon	11/15/21	0.0002		8.0													
	Tue	11/16/21	0.0002		7.6													
	Wed	11/17/21	0.0003		7.5													
	Thu	11/18/21	0.0005		7.5													
	Fri	11/19/21	0.0002		7.5													
	Sat	11/20/21	0.0000															
4	Sun	11/21/21	0.0000															
	Mon	11/22/21	0.0003		7.7													
	Tue	11/23/21	0.0007		7.4													
	Wed	11/24/21	0.0004		7.4													
	Thu	11/25/21	0.0000															
	Fri	11/26/21	0.0000															
	Sat	11/27/21	0.0000															
5	Sun	11/28/21	0.0000															
	Mon	11/29/21	0.0001		7.2													
	Tue	11/30/21	0.0001		7.8													

Statistics for DMR																											
Daily Minimum (Conc.):				7.2		8.5		0.03	<	3		7.5	<	1	<	0.2		0.28		0.68		63	<	0.03	<	63.03	
Daily Maximum (Conc.):				8		10.9		0.83	<	3		8.9	<	1	<	0.2		0.36		0.68		69.5	<	0.03	<	69.53	
Max Avg Weekly (Conc.):						10.7		0.2	<	3		8.9	<		<	0.2		0.36		0.68		69.5	<	0.03	<	69.53	
Avg Monthly (Conc.):						10.3		0.1	<	3		8	<		<	0.2		0.32		0.68		66.3	<	0.03	<	66.28	
Geometric Mean (Conc.):																											
Max Avg Weekly Load:	0.001096					0.1		0.003	<	0.01		0.04	<	0.0009		0.002		0.002		0.003		0.3	<	0.0001	<	0.3	
Avg Monthly Load:	0.0004277					0.05		0.0009	<	0.01		0.03	<	0.0008		0.001		0.001		0.003		0.3	<	0.0001	<	0.3	
Total Monthly Load:	0.0128313					2		0.03	<	0.3		0.9	<	0.02		0.04		0.04		0.08		8	<	0.003	<	8	
Daily Minimum (Load):	0					0.01		0.00005	<	0.009		0.02	<	0.0006		0.0008		0.0008		0.002		0.2	<	0.00009	<	0.2	
Daily Maximum (Load):	0.0054674					0.4		0.01	<	0.01		0.04	<	0.0009		0.002		0.002		0.003		0.3	<	0.0001	<	0.3	

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Prepared By: John G. Fetterhoff License No.: 197707
 Title: O&M Tech II Date: 12/21/2021



SUPPLEMENTAL REPORT - INFLUENT & PROCESS CONTROL

Facility Name: Franklin County General Authority, 3813 Rocket Road
 Municipality: Letterkenny Township County: Franklin
 Watershed: 13-C

Month: December Year: 2021
 NPDES Permit No.: PA0044521
 Renewal application due 180 days prior to expiration.
 This permit will expire on: March 31, 2021

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0003						11	0.0	
2	0.0005						10.3	0.0	
3	0.0004						10.9	0.0	
4	0.0000							0.0	
5	0.0000							0.0	
6	0.0003						10.6	0.0	
7	0.0001	227.0	0	139.0	0	4,270.0	10.7	0.0	
8	0.0002						10.7	0.0	
9	0.0001						11.3	0.0	
10	0.0002						11.1	0.0	
11	0.0001							0.0	
12	0.0000							0.0	
13	0.0002						11.4	0.0	
14	0.0003	286.0	1	113.0	0	4,740.0	10.7	0.0	
15	0.0004						10.9	0.0	
16	0.0005						10.4	0.0	
17	0.0005						10.7	0.0	
18	0.0003							0.0	
19	0.0000							0.0	
20	0.0001						11.3	0.0	
21	0.0001						10.9	0.0	
22	0.0002						11.1	0.0	
23	0.0000						11.5	0.0	
24	0.0000							0.0	
25	0.0000							0.0	
26	0.0001							0.0	
27	0.0006						11.3	0.0	
28	0.0002						11.2	0.0	
29	0.0005						11.0	0.0	
30	0.0005						11.2	0.0	
31	0.0002							0.0	
Avg	0.0	257	1	126	0	4,505	11		
Max	0.001	286	1	139	0	4,740	12		

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
 Title: Operator

License No.: 197707
 Date: 1/14/2022

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Franklin County General Authority 3813 Rocket Road
Municipality: Letterkenny Township County: _____
Watershed: 13-C
Laboratories: ALS Environmental, Franklin Analytical

Month: 12 (select number) Year: 2021
Permit No.: PA0044521 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: March 31, 2021

Week	Day	Date	Flow	pH	Dissolved Oxygen	TRC	CBOD5	TSS	Fecal Coliform	NH3-N	Total Phosphorus	TKN	NO3-N	NO2-N	NO2-N + NO3-N						
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	CFU/100 ml	Q	mg/L	Q	mg/L	Q	mg/L	Q	
1	Sun	11/28/21	0.0000																		
	Mon	11/29/21	0.0001	7.2	10.9	0.04															
	Tue	11/30/21	0.0001	7.8	10.9	0.13															
	Wed	12/1/21	0.0003	7.4	10.6	0.07															
	Thu	12/2/21	0.0005	7.5	10.6	0.19															
	Fri	12/3/21	0.0004	7.4	10.2	0.19															
	Sat	12/4/21	0.0000																		
2	Sun	12/5/21	0.0000																		
	Mon	12/6/21	0.0003	7.5	10.5	0.10															
	Tue	12/7/21	0.0001	7.6	10.6	0.16	<	3.0	6.1	<	1.0	<	0.2	0.28	<	0.5	70.7	<	0.03	<	71.23
	Wed	12/8/21	0.0002	7.6	10.8	0.21															
	Thu	12/9/21	0.0001	7.5	9.9	0.28															
	Fri	12/10/21	0.0002	7.6	10.8	0.07															
	Sat	12/11/21	0.0001																		
3	Sun	12/12/21	0.0000																		
	Mon	12/13/21	0.0002	7.2	11.2	0.07															
	Tue	12/14/21	0.0003	7.5	10.7	0.16	4.58	4.7	1.0	<	0.2	0.14	0.71	55.4	<	0.03	<	56.14			
	Wed	12/15/21	0.0004	7.3	11.0	0.07															
	Thu	12/16/21	0.0005	7.5	10.7	0.30															
	Fri	12/17/21	0.0005	7.9	10.9	0.08															
	Sat	12/18/21	0.0003																		
4	Sun	12/19/21	0.0000																		
	Mon	12/20/21	0.0001	7.3	11.2	0.07															
	Tue	12/21/21	0.0001	7.1	11.1	0.18															
	Wed	12/22/21	0.0002	7.1	10.8	0.08															
	Thu	12/23/21	0.0000	7.5	11.1	0.26															
	Fri	12/24/21	0.0000																		
	Sat	12/25/21	0.0000																		
5	Sun	12/26/21	0.0001																		
	Mon	12/27/21	0.0006	7.5	10.9	0.08															
	Tue	12/28/21	0.0002	7.7	10.9	0.05															
	Wed	12/29/21	0.0005	7.6	10.7	0.20															
	Thu	12/30/21	0.0005	7.6	10.6	0.07															
	Fri	12/31/21	0.0002																		
	Sat	1/1/22	0.0021																		

Statistics for DMR																			
Daily Minimum (Conc.):		7.1	9.9	0.05	<	3	4.7	<	1	<	0.2	0.14	<	0.5	55.4	<	0.03	<	56.14
Daily Maximum (Conc.):		7.9	11.2	0.3	4.58	6.1	<	0.2	0.28	0.71	70.7	<	0.03	71.23					
Max Avg Weekly (Conc.):			11.1	0.2	4.58	6.1	<	0.2	0.28	0.71	70.7	<	0.03	71.23					
Avg Monthly (Conc.):			10.8	0.1	4	5	<	0.2	0.21	0.61	63.1	<	0.03	63.69					
Geometric Mean (Conc.):							<	1											
Max Avg Weekly (Load):	0.0005983		0.04	0.0005	0.01	0.01	<	0.0006	0.0004	0.002	0.2	<	0.0008	0.2					
Avg Monthly (Load):	0.0002263		0.03	0.0003	0.008	0.01	<	0.0004	0.0003	0.001	0.1	<	0.0006	0.1					
Total Monthly (Load):	0.0070138		0.8	0.01	0.2	0.3	<	0.01	0.01	0.04	4	<	0.002	4					
Daily Minimum (Load):	0		0.01	0.00007	0.003	0.006	<	0.0002	0.0003	0.0005	0.07	<	0.00003	0.07					
Daily Maximum (Load):	0.0005688		0.05	0.001	0.01	0.01	<	0.0006	0.0004	0.002	0.2	<	0.0008	0.2					

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John G. Fetterhoff
Title: O&M Tech II

License No.: 197707
Date: 1/14/2022

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-7

A-7 For the Rocket Road WWTP, National Pollutant Discharge Elimination System (NPDES) Permit No. PA0044521, please quantify the average daily and average monthly hydraulic and organic loadings generated within the requested service territory for the 2021 calendar year.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

The following table provides a summary of the daily and monthly flow, influent, and effluent hydraulic/organic loadings for the Rocket Road WWTP NPDES Permit PA0044521.

**Rocket Road NPDES Permit: #PA0044521
2021 Influent & Effluent Hydraulic and Organic Loading
Summary**

	Avg Flow MGD	Influent				Effluent			
		BOD mg/L	BOD lb/day	TSS mg/L	TSS lb/day	CBOD mg/L	CBOD lb/day	TSS mg/L	TSS lb/day
Jan	0.000477	183	0.728	76	0.302	4	0.016	10	0.040
Feb	0.000572	341	1.627	84	0.401	4	0.019	4	0.019
Mar	0.000567	468	2.213	88	0.416	7	0.033	7	0.033
April	0.000699	255	1.487	80	0.467	4	0.023	6	0.035
May	0.001095	479	4.376	57	0.521	23	0.210	7	0.064
June	0.002162	385	6.942	128	2.308	4	0.072	8	0.144
Jul	0.001828	246	3.750	141	2.149	4	0.061	7	0.107
Aug	0.001555	145	1.880	83	1.076	3	0.039	7	0.091
Sep	0.002047	246	4.201	234	3.996	3	0.051	13	0.222
Oct	0.001269	107	1.132	132	1.397	3	0.032	9	0.095
Nov	0.000428	298	1.063	432	1.541	3	0.011	8	0.029
Dec	0.000226	257	0.485	126	0.238	4	0.008	5	0.009
Average	0.001077	284	2.490	138	1.234	5.5	0.048	7.6	0.074

Source data is provided in Attachment 2 to Discovery A-6..

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-8

A-8 Please provide an estimate of the future number of connections anticipated for the next 10 years within the requested service territory, broken down by the portion of the Wastewater System that includes the Rocket Road WWTP and the portion of the Wastewater System that includes the South Patrol Road WWTP.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

The seller reports the following estimate of future connections for the identified WWTPs.

Rocket Road WWTP – The Rocket Road WWTP is a satellite WWTP that currently is dedicated to serve a mission specific operation within the U.S. Army facility. There is no anticipated expansion of this facility within the next 10 years.

South Patrol Road WWTP – The South Patrol Road WWTP is the primary WWTP facility and serves most wastewater treatment requirements for the commercial and industrial operations of the U.S. Army and LIDA/FCGA properties. The FCGA 2021 Chapter 94 Report projects additional EDUs of approximately 82 EDUs/year for the next 5 years. No projection beyond 5 years has been evaluated by LIDA/FCGA at this time. Please see Attachment 1 to Discovery A-6, which provides the 2021 Chapter 94 growth projection for the next 5 years.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-10

A-10 The NPDES Permit No. PA0030597, provided as the Application's Exhibit L-1, expired December 31, 2021. Please provide evidence FCGA has filed a timely permit renewal with the DEP.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached is a copy of NPDES Permit No. PA00305897, effective January 1, 2022.

AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM DISCHARGE REQUIREMENTS FOR PUBLICLY OWNED TREATMENT WORKS (POTWs)

NPDES PERMIT NO: PA0030597

In compliance with the provisions of the Clean Water Act, 33 U.S.C. Section 1251 *et seq.* ("the Act") and Pennsylvania's Clean Streams Law, as amended, 35 P.S. Section 691.1 *et seq.*,

Franklin County General Authority
5540 Coffey Avenue
Chambersburg, PA 17201-4113

is authorized to discharge from a facility known as **South Patrol Road WWTP**, located in **Letterkenny Township, Franklin County**, to **Rocky Spring Branch (TSF)** in Watershed(s) **13-C** in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts A, B and C hereof.

THIS PERMIT SHALL BECOME EFFECTIVE ON **JANUARY 1, 2022**

THIS PERMIT SHALL EXPIRE AT MIDNIGHT ON **DECEMBER 31, 2026**

The authority granted by this permit is subject to the following further qualifications:

1. If there is a conflict between the application, its supporting documents and/or amendments and the terms and conditions of this permit, the terms and conditions shall apply.
2. Failure to comply with the terms, conditions or effluent limitations of this permit is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (40 CFR 122.41(a))
3. A complete application for renewal of this permit, or notice of intent to cease discharging by the expiration date, must be submitted to DEP at least 180 days prior to the above expiration date (unless permission has been granted by DEP for submission at a later date), using the appropriate NPDES permit application form. (40 CFR 122.41(b), 122.21(d))

In the event that a timely and complete application for renewal has been submitted and DEP is unable, through no fault of the permittee, to reissue the permit before the above expiration date, the terms and conditions of this permit, including submission of the Discharge Monitoring Reports (DMRs), will be automatically continued and will remain fully effective and enforceable against the discharger until DEP takes final action on the pending permit application. (25 Pa. Code §§ 92a.7(b), (c))

4. This NPDES permit does not constitute authorization to construct or make modifications to wastewater treatment facilities necessary to meet the terms and conditions of this permit.

DATE PERMIT ISSUED **December 23, 2021**

ISSUED BY **Maria D. Bebenek**
Maria D. Bebenek, P.E.
Environmental Program Manager
Southcentral Regional Office

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. A. For Outfall 001, Latitude 39° 58' 58.52", Longitude 77° 41' 17.90", River Mile Index 2.78, Stream Code 60038

Receiving Waters: Rocky Spring Branch (TSF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from **January 1, 2022** through **December 31, 2026**.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Daily Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	Continuous	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/day	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	1/day	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	52.0	83.0	XXX	25.0	40.0	50	1/week	24-Hr Composite
Biochemical Oxygen Demand (BOD5) Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Total Suspended Solids	62.0	93.0	XXX	30.0	45.0	60	1/week	24-Hr Composite
Total Suspended Solids Raw Sewage Influent	Report	Report Daily Max	XXX	Report	XXX	XXX	1/week	24-Hr Composite
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/week	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/week	Grab
E. Coli (No./100 ml)	XXX	XXX	Report	XXX	XXX	XXX	1/quarter	Grab

Outfall001 , Continued (from January 1, 2022 through December 31, 2026)

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Weekly Average	Daily Minimum	Average Monthly	Weekly Average	Instant. Maximum		
Ultraviolet light intensity (mW/cm ²)	XXX	XXX	Report	XXX	XXX	XXX	1/day	Recorded
Ammonia-Nitrogen Nov 1 - Apr 30	18.0	XXX	XXX	9.0	XXX	18	2/week	24-Hr Composite
Ammonia-Nitrogen May 1 - Oct 31	6.0	XXX	XXX	3.0	XXX	6	2/week	24-Hr Composite
Total Phosphorus	4.0	XXX	XXX	2.0	XXX	4	2/week	24-Hr Composite

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at Outfall 001

**PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS
(Continued)**

Additional Requirements

1. The permittee may not discharge:
 - a. Floating solids, scum, sheen or substances that result in observed deposits in the receiving water. (25 Pa Code § 92a.41(c))
 - b. Oil and grease in amounts that cause a film or sheen upon or discoloration of the waters of this Commonwealth or adjoining shoreline, or that exceed 15 mg/l as a daily average or 30 mg/l at any time (or lesser amounts if specified in this permit). (25 Pa. Code § 92a.47(a)(7), § 95.2(2))
 - c. Substances in concentration or amounts sufficient to be inimical or harmful to the water uses to be protected or to human, animal, plant or aquatic life. (25 Pa Code § 93.6(a))
 - d. Foam or substances that produce an observed change in the color, taste, odor or turbidity of the receiving water, unless those conditions are otherwise controlled through effluent limitations or other requirements in this permit. For the purpose of determining compliance with this condition, DEP will compare conditions in the receiving water upstream of the discharge to conditions in the receiving water approximately 100 feet downstream of the discharge to determine if there is an observable change in the receiving water. (25 Pa Code § 92a.41(c))
2. The monthly average percent removal of BOD₅ or CBOD₅ and TSS must be at least 85% for POTW facilities on a concentration basis except where 25 Pa. Code 92a.47(g) and (h) are applicable to facilities with combined sewer overflows (CSOs) or as otherwise specified in this permit. (25 Pa. Code § 92a.47(a)(3))
3. If the permit requires the reporting of average weekly statistical results, the maximum weekly average concentration and maximum weekly average mass loading shall be reported, regardless of whether the results are obtained for the same or different weeks.
4. The permittee shall monitor the sewage effluent discharge(s) for the effluent parameters identified in the Part A limitations table(s) during all bypass events at the facility, using the sample types that are specified in the limitations table(s). Where the required sample type is "composite", the permittee must commence sample collection within one hour of the start of the bypass, wherever possible. The results shall be reported on the Daily Effluent Monitoring supplemental form (3800-FM-BCW0435) and be incorporated into the calculations used to report self-monitoring data on Discharge Monitoring Reports (DMRs).

Footnotes

- (1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

Supplemental Information

- (1) The hydraulic design capacity of 0.25 million gallons per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to help determine whether a "hydraulic overload" situation exists, as defined in Title 25 Pa. Code Chapter 94.
- (2) The effluent limitations for Outfall 001 were determined using an effluent discharge rate of 0.25 MGD.
- (3) The organic design capacity of 600 lbs BOD₅ per day for the treatment facility is used to prepare the annual Municipal Wasteload Management Report to determine whether an "organic overload" condition exists, as defined in 25 Pa. Code Chapter 94.

PART A - EFFLUENT LIMITATIONS, MONITORING, RECORDKEEPING AND REPORTING REQUIREMENTS

I. B. For Outfall 001, Latitude 39° 58' 58.52", Longitude 77° 41' 17.90", River Mile Index 2.78, Stream Code 60038

Receiving Waters: Rocky Spring Branch (TSF)

Type of Effluent: Sewage Effluent

1. The permittee is authorized to discharge during the period from **January 1, 2022** through **December 31, 2026**.
2. Based on the anticipated wastewater characteristics and flows described in the permit application and its supporting documents and/or amendments, the following effluent limitations and monitoring requirements apply (see also Additional Requirements and Footnotes).

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Monthly	Annual	Monthly	Monthly Average	Maximum	Instant. Maximum		
Ammonia--N	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Kjeldahl--N	Report	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Nitrate-Nitrite as N	Report	XXX	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Total Nitrogen	Report	Report	XXX	Report	XXX	XXX	1/month	Calculation
Total Phosphorus	Report	Report	XXX	Report	XXX	XXX	2/week	24-Hr Composite
Net Total Nitrogen	XXX	9132.0	XXX	XXX	XXX	XXX	1/year	Calculation
Net Total Phosphorus	XXX	1218.0	XXX	XXX	XXX	XXX	1/year	Calculation

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

at Outfall 001

Footnotes:

- (1) See Part C for Chesapeake Bay Requirements.
- (2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events required.

II. DEFINITIONS

At Outfall (XXX) means a sampling location in outfall line XXX below the last point at which wastes are added to outfall line (XXX), or where otherwise specified.

Average refers to the use of an arithmetic mean, unless otherwise specified in this permit. (40 CFR 122.41(l)(4)(iii))

Best Management Practices (BMPs) means schedules of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollutant loading to surface waters of the Commonwealth. The term also includes treatment requirements, operating procedures and practices to control plant site runoff, spillage or leaks, sludge or waste disposal, or drainage from raw material storage. The term includes activities, facilities, measures, planning or procedures used to minimize accelerated erosion and sedimentation and manage stormwater to protect, maintain, reclaim, and restore the quality of waters and the existing and designated uses of waters within this Commonwealth before, during and after earth disturbance activities. (25 Pa. Code § 92a.2)

Bypass means the intentional diversion of waste streams from any portion of a treatment facility. (40 CFR 122.41(m)(1)(i))

Calendar Week is defined as the seven consecutive days from Sunday through Saturday, unless the permittee has been given permission by DEP to provide weekly data as Monday through Friday based on showing excellent performance of the facility and a history of compliance. In cases when the week falls in two separate months, the month with the most days in that week shall be the month for reporting.

Clean Water Act means the Federal Water Pollution Control Act, as amended. (33 U.S.C.A. §§ 1251 to 1387).

Composite Sample (for all except GC/MS volatile organic analysis) means a combination of individual samples (at least eight for a 24-hour period or four for an 8-hour period) of at least 100 milliliters (mL) each obtained at spaced time intervals during the compositing period. The composite must be flow-proportional; either the volume of each individual sample is proportional to discharge flow rates, or the sampling interval is proportional to the flow rates over the time period used to produce the composite. (EPA Form 2C)

Composite Sample (for GC/MS volatile organic analysis) consists of at least four aliquots or grab samples collected during the sampling event (not necessarily flow proportioned). The samples must be combined in the laboratory immediately before analysis and then one analysis is performed. (EPA Form 2C)

Daily Average Temperature means the average of all temperature measurements made, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar day or during the operating day if flows are of a shorter duration.

Daily Discharge means the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the day. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Daily Maximum Discharge Limitation means the highest allowable "daily discharge."

Discharge Monitoring Report (DMR) means the DEP or EPA supplied form(s) for the reporting of self-monitoring results by the permittee. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Estimated Flow means any method of liquid volume measurement based on a technical evaluation of the sources contributing to the discharge including, but not limited to, pump capabilities, water meters and batch discharge volumes.

Geometric Mean means the average of a set of n sample results given by the nth root of their product.

Grab Sample means an individual sample of at least 100 mL collected at a randomly selected time over a period not to exceed 15 minutes. (EPA Form 2C)

Hauled-In Wastes means any waste that is introduced into a treatment facility through any method other than a direct connection to the sewage collection system. The term includes wastes transported to and disposed of within the treatment facility or other entry points within the collection system.

Hazardous Substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act. (40 CFR 122.2)

Immersion Stabilization (i-s) means a calibrated device is immersed in the wastewater until the reading is stabilized.

Indirect Discharger means a non-domestic discharger introducing pollutants to a Publicly Owned Treatment Works (POTW) or other treatment works. (25 Pa. Code § 92a.2, 40 CFR 122.2)

Industrial User means a source of Indirect Discharge. (40 CFR 403.3)

Instantaneous Maximum Effluent Limitation means the highest allowable discharge of a concentration or mass of a substance at any one time as measured by a grab sample. (25 Pa. Code § 92a.2)

Measured Flow means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or for which a relationship to absolute volume has been obtained.

Monthly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar month, calculated as the sum of all "daily discharges" measured during a calendar month divided by the number of "daily discharges" measured during that month. (25 Pa. Code § 92a.2)

Municipality means a city, town, borough, county, township, school district, institution, authority or other public body created by or pursuant to State law and having jurisdiction over disposal of sewage, industrial wastes, or other wastes. (25 Pa. Code § 92a.2)

Municipal Waste means garbage, refuse, industrial lunchroom or office waste and other material, including solid, liquid, semisolid or contained gaseous material resulting from operation of residential, municipal, commercial or institutional establishments and from community activities; and sludge not meeting the definition of residual or hazardous waste under this section from a municipal, commercial or institutional water supply treatment plant, waste water treatment plant or air pollution control facility. (25 Pa. Code § 271.1)

Publicly Owned Treatment Works (POTW) means a treatment works as defined by §212 of the Clean Water Act, owned by a state or municipality. The term includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. The term also includes sewers, pipes or other conveyances if they convey wastewater to a POTW providing treatment. The term also means the municipality as defined in section 502(4) of the Clean Water Act, which has jurisdiction over the indirect discharges to and the discharges from such a treatment works. (25 Pa Code § 92a.2, 40 CFR 122.2)

Residual Waste means garbage, refuse, other discarded material or other waste, including solid, liquid, semisolid or contained gaseous materials resulting from industrial, mining and agricultural operations and sludge from an industrial, mining or agricultural water supply treatment facility, wastewater treatment facility or air pollution control facility, if it is not hazardous. The term does not include coal refuse as defined in the Coal Refuse Disposal Control Act. The term does not include treatment sludges from coal mine drainage treatment plants, disposal of which is being carried on under and in compliance with a valid permit issued under the Clean Streams Law. (25 Pa Code § 287.1)

Severe Property Damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production. (40 CFR 122.41(m)(1)(ii))

Stormwater means the runoff from precipitation, snow melt runoff, and surface runoff and drainage. (25 Pa. Code § 92a.2)

Stormwater Associated With Industrial Activity means the discharge from any conveyance that is used for collecting and conveying stormwater and that is directly related to manufacturing, processing or raw materials storage areas at an industrial plant, and as defined at 40 CFR 122.26(b)(14) (i) – (ix) and (xi) and 25 Pa. Code § 92a.2.

Toxic Pollutant means those pollutants, or combinations of pollutants, including disease-causing agents, which after discharge and upon exposure, ingestion, inhalation or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains may, on the basis of information available to DEP cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, including malfunctions in reproduction, or physical deformations in these organisms or their offspring. (25 Pa. Code § 92a.2)

Weekly Average Discharge Limitation means the highest allowable average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week.

III. SELF-MONITORING, REPORTING AND RECORDKEEPING

A. Representative Sampling

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity (40 CFR 122.41(j)(1)). Representative sampling includes the collection of samples, where possible, during periods of adverse weather, changes in treatment plant performance and changes in treatment plant loading. If possible, effluent samples must be collected where the effluent is well mixed near the center of the discharge conveyance and at the approximate mid-depth point, where the turbulence is at a maximum and the settlement of solids is minimized. (40 CFR 122.48, 25 Pa. Code § 92a.61)
2. Records Retention (40 CFR 122.41(j)(2))

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 5 years, all records of monitoring activities and results (including all original strip chart recordings for continuous monitoring instrumentation 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 3 years from the date of the sample measurement, report or application. The 3-year period shall be extended as requested by DEP or the EPA Regional Administrator.

3. Recording of Results (40 CFR 122.41(j)(3))

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.

4. Test Procedures

- a. Facilities that test or analyze environmental samples used to demonstrate compliance with this permit 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.
- b. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be those approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, unless the method is specified in this permit or has been otherwise approved in writing by DEP. (40 CFR 122.41(j)(4), 122.44(i)(1)(iv))
- c. Test procedures (methods) for the analysis of pollutants or pollutant parameters shall be sufficiently sensitive. A method is sufficiently sensitive when 1) the method minimum level is at or below the level of the effluent limit established in the permit for the measured pollutant or pollutant parameter; or 2) the method has the lowest minimum level of the analytical methods approved under 40 CFR Part 136 or required under 40 CFR Chapter I, Subchapters N or O, for the measured pollutant or pollutant parameter; or 3) the method is specified in this permit or has been otherwise approved in writing by DEP for the measured pollutant or pollutant parameter. Permittees have the option of providing matrix or sample-specific minimum levels rather than the published levels. (40 CFR 122.44(i)(1)(iv))

5. Quality/Assurance/Control

In an effort to assure accurate self-monitoring analyses results:

- a. The permittee, or its designated laboratory, shall participate in the periodic scheduled quality assurance inspections conducted by DEP and EPA. (40 CFR 122.41(e), 122.41(i)(3))
- b. The permittee, or its designated laboratory, shall develop and implement a program to assure the quality and accurateness of the analyses performed to satisfy the requirements of this permit, in accordance with 40 CFR Part 136. (40 CFR 122.41(j)(4))

B. Reporting of Monitoring Results

1. The permittee shall effectively monitor the operation and efficiency of all wastewater treatment and control facilities, and the quantity and quality of the discharge(s) as specified in this permit. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.44, 92a.61(i) and 40 CFR §§ 122.41(e), 122.44(i)(1))
2. 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 that are not using the eDMR system as of the effective date of this permit 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 BCW to do so. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
3. 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 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.
 - 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).
4. 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 and must be received by DEP in accordance with the following schedule:
 - Monthly DMRs must be received within 28 days following the end of each calendar month.
 - Quarterly DMRs must be received within 28 days following the end of each calendar quarter, i.e., January 28, April 28, July 28, and October 28.
 - Semiannual DMRs must be received within 28 days following the end of each calendar semiannual period, i.e., January 28 and July 28.
 - Annual DMRs must be received by January 28, unless Part C of this permit requires otherwise.
5. 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. (25 Pa. Code §§ 92a.3(c), 92a.41(a), 92a.61(g) and 40 CFR § 122.41(l)(4))
6. The completed DMR Form shall be signed and certified by either of the following applicable persons, as defined in 25 Pa. Code § 92a.22:

- 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 from which the discharge described in the NPDES form originates.
- 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. (40 CFR § 122.22(b))

7. If the permittee monitors any pollutant at monitoring points as designated by this permit, using analytical methods described in Part A III.A.4. herein, 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. (40 CFR 122.41(l)(4)(ii))

C. Reporting and Notification Requirements

1. **Planned Changes to Physical Facilities** – The permittee shall give notice to DEP as soon as possible but no later than 30 days prior to planned physical alterations or additions to the permitted facility. A permit under 25 Pa. Code Chapter 91 may be required for these situations prior to implementing the planned changes. A permit application, or other written submission to DEP, can be used to satisfy the notification requirements of this section.

Notice is required when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR §122.29(b). (40 CFR 122.41(l)(1)(i))
 - b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are not subject to effluent limitations in this permit. (40 CFR 122.41(l)(1)(ii))
 - c. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan. (40 CFR 122.41(l)(1)(iii))
 - d. The planned change may result in noncompliance with permit requirements. (40 CFR 122.41(l)(2))
2. **Planned Changes to Waste Stream** – Under the authority of 25 Pa. Code § 92a.24(a) and 40 CFR 122.42(b), the permittee shall provide notice to DEP and EPA as soon as possible but no later than 45 days prior to any planned changes in the volume or pollutant concentration of its influent waste stream as a result of indirect discharges or hauled-in wastes, as specified in paragraphs 2.a. and 2.b., below. Notice shall be provided on the "Planned Changes to Waste Stream" Supplemental Report (3800-FM-BCW0482), available on DEP's website. The permittee shall provide information on the quality and quantity of waste introduced into the POTW, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW (40 CFR 122.42(b)(3)). The Report shall be sent via Certified Mail or other means to confirm DEP's receipt of the notification. DEP will determine if the submission of a new application and receipt of a new or amended permit is required.
 - a. **Introduction of New Pollutants** (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(1))

New pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Any pollutants that were not detected in the facilities' influent waste stream as reported in the permit application; and have not been approved to be included in the permittee's influent waste stream by DEP in writing.
- (ii) Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to Sections 301 or 306 of the Clean Water Act if it were directly discharging those pollutants. (40 CFR 122.42(b)(1))

The permittee shall provide notification of the introduction of new pollutants in accordance with paragraph 2 above. The permittee may not authorize the introduction of new pollutants until the permittee receives DEP's written approval.

b. Increased Loading of Approved Pollutants (25 Pa. Code § 92a.24(a), 40 CFR 122.42(b)(2))

Approved pollutants are defined as parameters that meet one or more of the following criteria:

- (i) Were detected in the facilities' influent waste stream as reported in the permittee's permit application; or have been previously approved to be included in the permittee's influent waste stream by DEP in writing.
- (ii) Have an effluent limitation or monitoring requirement in this permit.

The permittee shall provide notification of the introduction of increased influent loading (lbs/day) of approved pollutants in accordance with paragraph 2 above when (1) the cumulative increase in influent loading (lbs/day) exceeds 20% of the maximum loading reported in the permit application, or a loading previously approved by DEP and/or EPA, or (2) may cause an exceedance in the effluent of Effluent Limitation Guidelines (ELGs) or limitations in Part A of this permit, or (3) may cause interference or pass through at the POTW (as defined at 40 CFR 403.3), or (4) may cause exceedances of the applicable water quality standards in the receiving stream. Unless specified otherwise in this permit, if DEP does not respond to the notification within 30 days of its receipt, the permittee may proceed with the increase in loading. The acceptance of increased loading of approved pollutants may not result in an exceedance of ELGs or effluent limitations, may not result in a hydraulic or organic overload condition as defined in 25 Pa. Code § 94.1, and may not cause exceedances of the applicable water quality standards in the receiving stream.

3. Reporting Requirements for Hauled-In Wastes

a. Receipt of Residual Waste

- (i) The permittee shall document the receipt of all hauled-in residual wastes (including but not limited to wastewater from conventional oil and gas wells, food processing waste, and landfill leachate), as defined at 25 Pa. Code § 287.1, that are received for processing at the treatment facility. The permittee shall report hauled-in residual wastes on a monthly basis to DEP on the "Hauled In Residual Wastes" Supplemental Report (3800-FM-BCW0450) as an attachment to the DMR. If no residual wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report. The information used to develop the Report shall be retained by the permittee for five years from the date of receipt and must be made available to DEP or EPA upon request.

- (1) The dates that residual wastes were received.
- (2) The volume (gallons) of wastes received.
- (3) The license plate number of the vehicle transporting the waste to the treatment facility.
- (4) The permit number(s) of the well(s) where residual wastes were generated, if applicable.

- (5) The name and address of the generator of the residual wastes.
- (6) The type of wastewater.

The transporter of residual waste must maintain these and other records as part of the daily operational record (25 Pa. Code § 299.219). If the transporter is unable to provide this information or the permittee has not otherwise received the information from the generator, the residual wastes shall not be accepted by the permittee until such time as the permittee receives such information from the transporter or generator.

- (ii) In accordance with 40 CFR Part 435, Subpart C, the permittee shall not accept wastewater pollutants associated with production, field exploration, drilling, well completion, or well treatment for unconventional oil and gas extraction (including, but not limited to, drilling muds, drill cuttings, produced sand, produced water). Unconventional oil and gas means crude oil and natural gas produced by a well drilled into a shale and/or tight formation (including, but not limited to, shale gas, shale oil, tight gas, and tight oil). This prohibition does not apply to wastewater generated from stripper wells as defined at 40 CFR Part 435, Subpart F.
- (iii) If the generator is required to complete a chemical analysis of residual wastes in accordance with 25 Pa. Code § 287.51, the permittee must receive and maintain on file a chemical analysis of the residual wastes it receives. The chemical analysis must conform to the Bureau of Waste Management's Form 26R. Each load of residual waste received must be covered by a chemical analysis if the generator is required to complete it.

b. Receipt of Municipal Waste

- (i) The permittee shall document the receipt of all hauled-in municipal wastes (including but not limited to septage and liquid sewage sludge), as defined at 25 Pa. Code § 271.1, that are received for processing at the treatment facility. The permittee shall report hauled-in municipal wastes on a monthly basis to DEP on the "Hauled In Municipal Wastes" Supplemental Report (3800-FM-BCW0437) as an attachment to the DMR. If no municipal wastes were received during a month, submission of the Supplemental Report is not required.

The following information is required by the Supplemental Report:

- (1) The dates that municipal wastes were received.
 - (2) The volume (gallons) of wastes received.
 - (3) The BOD₅ concentration (mg/l) and load (lbs) for the wastes received.
 - (4) The location(s) where wastes were disposed of within the treatment facility.
- (ii) Sampling and analysis of hauled-in municipal wastes must be completed to characterize the organic strength of the wastes, unless composite sampling of influent wastewater is performed at a location downstream of the point of entry for the wastes. The influent BOD₅ characterization for the treatment facility, as reported in the annual Municipal Wasteload Management Report per 25 Pa. Code Chapter 94, must be representative of the hauled-in municipal wastes received.

4. Unanticipated Noncompliance or Potential Pollution Reporting

- a. Immediate Reporting - The permittee shall immediately report any incident causing or threatening pollution in accordance with the requirements of 25 Pa. Code §§ 91.33 and 92a.41(b).
- (i) If, because of an accident, other activity or incident a toxic substance or another substance which would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property, the permittee shall immediately notify DEP by telephone of the location and nature of the danger. Oral notification to the Department is required as soon as possible, but no later than 4 hours after the permittee becomes aware of the incident causing or threatening pollution.
 - (ii) If reasonably possible to do so, the permittee shall immediately notify downstream users of the waters of the Commonwealth to which the substance was discharged. Such notice shall include the location and nature of the danger.
 - (iii) The permittee shall immediately take or cause to be taken steps necessary to prevent injury to property and downstream users of the waters from pollution or a danger of pollution and, in addition, within 15 days from the incident, shall remove the residual substances contained thereon or therein from the ground and from the affected waters of this Commonwealth to the extent required by applicable law.
- b. The permittee shall report any noncompliance which may endanger health or the environment in accordance with the requirements of 40 CFR 122.41(l)(6). These requirements include the following obligations:
- (i) 24 Hour Reporting - The permittee shall orally report any noncompliance with this permit which may endanger health or the environment within 24 hours from the time the permittee becomes aware of the circumstances. The following shall be included as information which must be reported within 24 hours under this paragraph (40 CFR 122.41(l)(6)(ii)):
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of the maximum daily discharge limitation for any of the pollutants listed in the permit as being subject to the 24-hour reporting requirement.
 - (ii) Written Report - A written submission shall also be provided within 5 days of the time the permittee becomes aware of any noncompliance which may endanger health or the environment. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 - (iii) Waiver of Written Report - DEP may waive the written report on a case-by-case basis if the associated oral report has been received within 24 hours from the time the permittee becomes aware of the circumstances which may endanger health or the environment. Unless such a waiver is expressly granted by DEP, the permittee shall submit a written report in accordance with this paragraph. (40 CFR 122.41(l)(6)(iii))

5. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under paragraph C.4 of this section or specific requirements of compliance schedules, at the time DMRs are submitted, on the Non-Compliance Reporting Form (3800-FM-BCW0440). The reports shall contain the information listed in paragraph C.4.b.(ii) of this section. (40 CFR 122.41(l)(7))

D. Annual Fee (25 Pa. Code § 92a.62)

Permittees shall pay an annual fee in accordance with 25 Pa. Code § 92a.62. As of the effective date of this permit, the facility covered by the permit is classified in the **Minor Sewage Facility ≥ 0.05 and < 1 MGD** fee category, which has an annual fee of **\$1,000**.

Invoices for annual fees will be mailed to permittees approximately three months prior to the due date. In the event that an invoice is not received, the permittee is nonetheless responsible for payment. Permittees may contact the DEP at 717-787-6744 with questions related to annual fees. The fee identified above is subject to change if DEP publishes changes to 25 Pa. Code § 92a.62.

Payment for annual fees shall be remitted to DEP at the address below or through DEP's electronic payment system (www.depgreenport.state.pa.us/NPDESpay) by the due date specified on the invoice. Checks, if used for payment, should be made payable to the Commonwealth of Pennsylvania.

PA Department of Environmental Protection
Bureau of Clean Water
Re: Chapter 92a Annual Fee
P.O. Box 8466
Harrisburg, PA 17105-8466

PART B

I. MANAGEMENT REQUIREMENTS

A. Compliance

1. The permittee shall comply with all conditions of this permit. If a compliance schedule has been established in this permit, the permittee shall achieve compliance with the terms and conditions of this permit within the time frames specified in this permit. (40 CFR 122.41(a)(1))
2. The permittee shall submit reports of compliance or noncompliance, or progress reports as applicable, for any interim and final requirements contained in this permit. Such reports shall be submitted no later than 14 days following the applicable schedule date or compliance deadline. (25 Pa. Code § 92a.51(c), 40 CFR 122.47(a)(4))

B. Permit Modification, Termination, or Revocation and Reissuance

1. This permit may be modified, terminated, or revoked and reissued during its term in accordance with Title 25 Pa. Code § 92a.72 and 40 CFR 122.41(f).
2. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition. (40 CFR 122.41(f))
3. In the absence of DEP action to modify or revoke and reissue this permit, the permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time specified in the regulations that establish those standards or prohibitions. (40 CFR 122.41(a)(1))

C. 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. (40 CFR 122.41(h))
2. The permittee shall furnish to DEP, upon request, copies of records required to be kept by this permit. (40 CFR 122.41(h))
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. (40 CFR 122.41(l)(8))
4. The permittee shall provide the following information in the annual Municipal Wasteload Management Report, required under the provisions of Title 25 Pa. Code Chapter 94:
 - a. The requirements identified in 25 Pa. Code § 94.12.
 - b. The identity of any indirect discharger(s) served by the POTW which are subject to pretreatment standards adopted under Section 307(b) of the Clean Water Act; the POTW shall also specify the total volume of discharge and estimated concentration of each pollutant discharged into the POTW by the indirect discharger.
 - c. A "Solids Management Inventory" if specified in Part C of this permit.
 - d. The total volume of hauled-in residual and municipal wastes received during the year, by source.
 - e. The Annual Report requirements for permittees required to implement an industrial pretreatment program listed in Part C, as applicable.

D. General Pretreatment Requirements

1. Any POTW (or combination of POTWs operated by the same authority) with a total design flow greater than 5 million gallons per day (MGD) and receiving from industrial users pollutants which pass through or interfere with the operation of the POTW or are otherwise subject to Pretreatment Standards will be required to establish a POTW Pretreatment Program unless specifically exempted by the Approval Authority. A POTW with a design flow of 5 MGD or less may be required to develop a POTW Pretreatment Program if the Approval Authority finds that the nature or volume of the industrial influent, treatment process upsets, violations of effluent limitations, contamination of sludge, or other circumstances warrant in order to prevent interference or pass through. (40 CFR 403.8)
2. Each POTW with an approved Pretreatment Program pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in 40 CFR 403.5(a)(1) and (b), and shall continue to develop these limits as necessary and effectively enforce such limits. This condition applies, for example, when there are planned changes to the waste stream as identified in Part A III.C.2. If the permittee is required to develop or continue implementation of a Pretreatment Program, detailed requirements will be contained in Part C of this permit.
3. For all POTWs, where pollutants contributed by indirect dischargers result in interference or pass through, and a violation is likely to recur, the permittee shall develop and enforce specific limits for indirect dischargers and other users, as appropriate, that together with appropriate facility or operational changes, are necessary to ensure renewed or continued compliance with this permit or sludge use or disposal practices. Where POTWs do not have an approved Pretreatment Program, the permittee shall submit a copy of such limits to DEP when developed. (25 Pa. Code § 92a.47(d))

E. Proper Operation and Maintenance

1. The permittee shall employ operators certified in compliance with the Water and Wastewater Systems Operators Certification Act (63 P.S. §§ 1001-1015.1).
2. The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit. Proper operation and maintenance includes, but is not limited to, adequate laboratory controls including appropriate quality assurance procedures. This provision also includes the operation of backup or auxiliary facilities or similar systems that are installed by the permittee, only when necessary to achieve compliance with the terms and conditions of this permit. (40 CFR 122.41(e))

F. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge, sludge use or disposal in violation of this permit that has a reasonable likelihood of adversely affecting human health or the environment. (40 CFR 122.41(d))

G. Bypassing

1. Bypassing Not Exceeding Permit Limitations - The permittee may allow a bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions in paragraphs two, three and four of this section. (40 CFR 122.41(m)(2))
2. Other Bypassing - In all other situations, bypassing is prohibited and DEP may take enforcement action against the permittee for bypass unless:
 - a. A bypass is unavoidable to prevent loss of life, personal injury or "severe property damage." (40 CFR 122.41(m)(4)(i)(A))

- b. There are no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance. (40 CFR 122.41(m)(4)(i)(B))
 - c. The permittee submitted the necessary notice required in paragraph G.4 below. (40 CFR 122.41(m)(4)(i)(C))
3. DEP may approve an anticipated bypass, after considering its adverse effects, if DEP determines that it will meet the conditions listed in paragraph G.2 above. (40 CFR 122.41(m)(4)(ii))
 4. Notice
 - a. Anticipated Bypass – If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least 10 days before the bypass. (40 CFR 122.41(m)(3)(i))
 - b. Unanticipated Bypass – The permittee shall submit oral notice of any unanticipated bypass within 24 hours, regardless of whether the bypass may endanger health or the environment or whether the bypass exceeds effluent limitations. The notice shall be in accordance with Part A III.C.4.b.

H. Sanitary Sewer Overflows (SSOs)

An SSO is an overflow of wastewater, or other untreated discharge from a separate sanitary sewer system (which is not a combined sewer system), which results from a flow in excess of the carrying capacity of the system or from some other cause prior to reaching the headworks of the sewage treatment facility. SSOs are not authorized under this permit. The permittee shall immediately report any SSO to DEP in accordance with Part A III.C.4 of this permit.

I. Termination of Permit Coverage (25 Pa. Code § 92a.74 and 40 CFR 122.64)

1. Notice of Termination (NOT) – If the permittee plans to cease operations or will otherwise no longer require coverage under this permit, the permittee shall submit DEP's NPDES Notice of Termination (NOT) for Permits Issued Under Chapter 92a (3800-BCW-0410), signed in accordance with Part A III.B.6 of this permit, at least 30 days prior to cessation of operations or the date by which coverage is no longer required.
2. Where the permittee plans to cease operations, NOTs must be accompanied with an operation closure plan that identifies how tankage and equipment will be decommissioned and how pollutants will be managed.
3. The permittee shall submit the NOT to the DEP regional office with jurisdiction over the county in which the operation is located.

II. PENALTIES AND LIABILITY

A. Violations of Permit Conditions

Any person violating Sections 301, 302, 306, 307, 308, 318 or 405 of the Clean Water Act or any permit condition or limitation implementing such sections in a permit issued under Section 402 of the Act is subject to civil, administrative and/or criminal penalties as set forth in 40 CFR 122.41(a)(2).

Any person or municipality, who violates any provision of this permit; any rule, regulation or order of DEP; or any condition or limitation of any permit issued pursuant to the Clean Streams Law, is subject to criminal and/or civil penalties as set forth in Sections 602, 603 and 605 of the Clean Streams Law.

B. Falsifying Information

Any person who does any of the following:

- Falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit, or
- Knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit (including monitoring reports or reports of compliance or noncompliance)

Shall, upon conviction, be punished by a fine and/or imprisonment as set forth in 18 Pa.C.S.A § 4904 and 40 CFR 122.41(j)(5) and (k)(2).

C. Liability

Nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance pursuant to Section 309 of the Clean Water Act or Sections 602, 603 or 605 of 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 Water Act and the Clean Streams Law.

D. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (40 CFR 122.41(c))

III. OTHER RESPONSIBILITIES

A. Right of Entry

Pursuant to Sections 5(b) and 305 of Pennsylvania's Clean Streams Law, and Title 25 Pa. Code Chapter 92a and 40 CFR §122.41(i), the permittee shall allow authorized representatives of DEP and EPA, 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; (40 CFR 122.41(i)(1))
2. To have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit; (40 CFR 122.41(i)(2))
3. To inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this permit; and (40 CFR 122.41(i)(3))
4. To sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act or the Clean Streams Law, any substances or parameters at any location. (40 CFR 122.41(i)(4))

B. Transfer of Permits

1. Transfers by modification. Except as provided in paragraph 2 of this section, a permit may be transferred by the permittee to a new owner or operator only if this 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 under the Clean Water Act. (40 CFR 122.61(a))
2. Automatic transfers. As an alternative to transfers under paragraph 1 of this section, any NPDES permit may be automatically transferred to a new permittee if:

- a. The current permittee notifies DEP at least 30 days in advance of the proposed transfer date in paragraph 2.b. of this section; (40 CFR 122.61(b)(1))
 - b. The notice includes the appropriate DEP transfer form signed by the existing and new permittees containing a specific date for transfer of permit responsibility, coverage and liability between them; (40 CFR 122.61(b)(2))
 - c. DEP does not notify the existing permittee and the proposed new permittee of its intent to modify or revoke and reissue this permit, the transfer is effective on the date specified in the agreement mentioned in paragraph 2.b. of this section; and (40 CFR 122.61(b)(3))
 - d. The new permittee is in compliance with existing DEP issued permits, regulations, orders and schedules of compliance, or that has demonstrated any noncompliance with the existing permits has been resolved by an appropriate compliance action or by the terms and conditions of the permit (including compliance schedules set forth in the permit), consistent with 25 Pa. Code § 92a.51 (relating to schedules of compliance) and other appropriate DEP regulations. (25 Pa. Code § 92a.71)
3. In the event DEP does not approve transfer of this permit, the new owner or operator must submit a new permit application.

C. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privilege. (40 CFR 122.41(g))

D. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit. (40 CFR 122.41(b))

E. 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.

PART C

I. CHESAPEAKE BAY NUTRIENT REQUIREMENTS

A. The Annual Net Total Nitrogen (TN) and Annual Net Total Phosphorus (TP) Mass Load effluent limitations (“Cap Loads”) in Part A of this permit are required in order to meet the downstream water quality standards of the State of Maryland, as required by 25 Pa. Code Chapter 92a, the federal Clean Water Act, and implementing regulations.

B. Definitions

Annual Net Mass Load (lbs): The Annual Total Mass Load for one year beginning October 1st and ending September 30th, adjusted for Credits sold and applied and Offsets applied. Annual Net Mass Loads are compared to Cap Loads to determine compliance.

Cap Load (lbs): The mass load of a pollutant authorized by an NPDES permit. Cap Loads for TN and TP are implemented in NPDES permits by the establishment of Annual Net Mass Load limits. The term “Net” is used to recognize that Credits and Offsets may be used to comply with the limits. The Annual Net Mass Load must be less than or equal to the Cap Load to achieve compliance.

Certification: Written approval by DEP of a proposed pollutant reduction activity to generate credits before the credits are verified and registered to be used to comply with NPDES permit effluent limitations.

Compliance Year: The year-long period starting October 1st and ending September 30th. The Compliance Year will be named for the year in which it ends. For example, the period of October 1, 2015 through September 30, 2016 is compliance year 2016.

Credit: The tradable unit of compliance that corresponds with a unit of reduction of a pollutant as recognized by DEP which, when certified, verified and registered, may be used to comply with NPDES permit effluent limitations.

Delivery Ratio: A ratio that compensates for the natural attenuation of a pollutant as it travels in water before it reaches a defined compliance point.

Offset: The pollutant load reduction measured in pounds (lbs) that is created by an action, activity or technology which when approved by DEP may be used to comply with NPDES permit effluent limitations, conditions and stipulations under 25 Pa. Code Chapter 92a (relating to NPDES permitting, monitoring and compliance.) The offset may only be used by the NPDES permittee that DEP determines is associated with the load reduction achieved by the action, activity or technology.

Registration: An accounting mechanism used by DEP to track certified and verified credits before they may be used to comply with NPDES permit effluent limitations.

Total Mass Load (lbs):

Monthly Total Mass Load = The sum of the actual daily discharge loads for TN and TP (lbs/day) divided by the number of samples per month, multiplied by the number of days in the month in which there was a discharge. The daily discharge load for TN and TP (lbs/day) equals the average daily flow (MGD) on the day of sampling, multiplied by that day’s sample concentration for TN and TP (mg/l), multiplied by 8.34.

Annual Total Mass Load = The sum of the actual daily discharge loads for TN and TP (lbs/day) divided by the number of samples per Compliance Year, multiplied by the number of days in the Compliance Year in which there was a discharge.

Total Nitrogen: For concentration and load, Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

Truing Period: The time provided following each Compliance Year for a permittee to comply with Cap Loads through the application of Credits and Offsets. The Truing Period will start on October 1st and end on November 28th of the same calendar year, unless DEP extends this period. During this period, compliance for the specified year may be achieved by using registered Credits that were generated during that Compliance Year. For example, Credits that are used to achieve compliance in Compliance Year 2016 must have been generated during Compliance Year 2016. Approved Offsets that have been generated may also be applied during the Truing Period.

Verification: Assurance that the verification plan contained in a certification, permit or other approval issued by DEP has been implemented. Verification is required prior to registration of the credits for use in an NPDES permit to comply with NPDES permit effluent limitations.

C. Nutrient Credits

1. Credits may be used for compliance with the Cap Loads when authorized under 25 Pa. Code § 96.8 (Use of offsets and tradable credits from pollution reduction activities in the Chesapeake Bay Watershed), including amendments, updates and revisions thereto; in accordance with DEP's Phase 2 WIP Wastewater Supplement (see www.dep.pa.gov/npdes-bay); and in accordance with DEP's Phase 2 WIP Nutrient Trading Supplement (see www.dep.pa.gov/nutrient_trading).
2. Where effluent limitations for TN and/or TP are established in Part A of the permit for reasons other than the Cap Load assigned for protection of the Chesapeake Bay ("local nutrient limits"), the permittee may purchase and apply credits for compliance with the Cap Load(s) only when the permittee has demonstrated that local nutrient limits have been achieved.
3. Where local nutrient limits are established in Part A of the permit, the permittee may sell any credits generated only after the permittee has demonstrated that local nutrient limits have been achieved and those credits have been verified in accordance with the procedures established in the Phase 2 WIP Nutrient Trading Supplement.

D. Use of Offsets for Compliance

1. Offsets can only be used by the permittee to comply with its Cap Loads. Offsets are not eligible for use as Credits.
2. Offsets must be approved by DEP in writing before they may be applied for compliance with Cap Loads.
3. Offsets that are approved under this permit are listed in Part A, Footnotes. These Offsets may be applied each Compliance Year toward compliance with the Cap Loads. The application of these Offsets must be reported on an annual basis. Additional Offsets may be approved throughout the permit term.
4. Offsets may be approved for the connection of on-lot sewage disposal systems that existed prior to January 1, 2003 to public sewers. Twenty five pounds (25 lbs) of TN Offsets per year may be approved for each on-lot system retirement. These approved Offsets are cumulative. For example, if 10 on-lot systems are retired in year 1 (250 lbs TN approved Offsets) and 10 on-lot systems are retired in year 2, 500 lbs TN Offsets may be used toward compliance with the TN Cap Load in year 2 and thereafter.
5. For DEP to approve on-lot system retirement Offsets, the permittee must submit documentation indicating the on-lot systems existed prior to January 1, 2003 and were eliminated by connection to public sewers after January 1, 2003. This documentation must be retained by the permittee for as long as the Offsets are used to achieve compliance with Cap Loads.
December 23, 2021
6. Offsets may be approved for the transfer of load between facilities owned by the same entity if (1) the facility receiving Offsets does not discharge to waters classified as impaired for nutrients and (2) the Delivery Ratios approved by DEP for TN or TP, as applicable, are the same. Delivery ratios for the facility authorized to discharge under this permit are listed in DEP's Phase 2 Watershed Implementation Plan (WIP) Wastewater Supplement, available at the following website:

www.dep.pa.gov/npdes-bay

Such Offsets may only be applied in the Compliance Year in which the transfer occurred, and are not cumulative.

7. Offsets may be approved for the acceptance of hauled-in septage at the permittee's facility from residential sources within the municipal Act 537 planning area. Three pounds (3 lbs) of TN Offsets per year may be approved per 1,000 gallons of septage accepted and processed at the facility. Offsets may be approved for the acceptance of residential septage only. For the purpose of these Offsets, septage is defined as material removed from a septic tank by pumping. No other hauled-in wastes, including but not limited to holding tank wastes, solids and sludges generated at other facilities, may be approved. Such approved Offsets may only be applied in the Compliance Year in which the septage was accepted, and are not cumulative.

E. Reporting Requirements

1. eDMR System – The permittee shall utilize DEP's electronic Discharge Monitoring Report (eDMR) system to submit DMR data and Supplemental DMR forms.
2. Chesapeake Bay Annual DMR – The permittee shall submit the Chesapeake Bay Annual DMR through the eDMR system to report Annual Total Mass Loads and Annual Net Mass Loads by November 28th following each Compliance Year.
3. Supplemental Reports – The permittee shall utilize DEP's Annual Chesapeake Bay Spreadsheet ("Spreadsheet"), available at www.dep.pa.gov/npdes-bay, to record all nutrient concentrations and loads throughout the Compliance Year. The permittee shall also use the Spreadsheet to document all Credits sold and purchased and Offsets applied in order to calculate the facility's Annual Net Mass Loads for TN and TP. The permittee shall submit the Spreadsheet through the eDMR system as an attachment to the Chesapeake Bay Annual DMR, unless instructed otherwise by DEP.

II. SOLIDS MANAGEMENT

- A. The permittee shall manage and properly dispose of sewage sludge and/or biosolids by performing sludge wasting that maintains an appropriate mass balance of solids within the treatment system. The wasting rate must be developed and implemented considering the specific treatment process type, system loadings, and seasonal variation while maintaining compliance with effluent limitations. Holding excess sludge within clarifiers or in the disinfection process is not permissible.
- B. The permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Sewage Sludge/Biosolids Production and Disposal" (Form No. 3800-FM-BCW0438) and "Supplemental Report – Influent & Process Control" (Form No. 3800-FM-BCW0436), as attachments to the DMR on a monthly basis. When applicable, the permittee shall submit the Supplemental Reports entitled, "Supplemental Report – Hauled In Municipal Wastes" (Form No. 3800-FM-BCW0437) and "Supplemental Report – Hauled In Residual Wastes" (Form No. 3800-FM-BCW0450), as attachments to the DMR.
- C. By March 31 of each year, the permittee shall submit a "Sewage Sludge Management Inventory" that summarizes the amount of sewage sludge and/or biosolids produced and wasted during the calendar year from the system. The "Sewage Sludge Management Inventory" may be submitted with the Municipal Wasteload Management Report required by Chapter 94. This summary shall include the expected sewage sludge production (estimated using the methodology described in the U.S. EPA handbook, "Improving POTW Performance Using the Composite Correction Approach" (EPA-625/6-84-008)), compared with the actual amount disposed during the year. Sludge quantities shall be expressed as dry weight in addition to gallons or other appropriate units.

III. OTHER REQUIREMENTS

- A. No storm water from pavements, area ways, roofs, foundation drains or other sources shall be directly admitted to the sanitary sewers associated with the herein approved discharge.

- B. The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all sewers or sewerage structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.
- C. Collected screenings, slurries, sludges, and other solids shall be handled and disposed of in compliance with 25 Pa. Code, Chapters 271, 273, 275, 283, and 285 (related to permits and requirements for landfilling, land application, incineration, and storage of sewage sludge), Federal Regulation 40 CFR 257, Pennsylvania Clean Streams Law, Pennsylvania Solid Waste Management Act of 1980, and the Federal Clean Water Act and its amendments. The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport, and disposal of solid waste materials generated as a result of wastewater treatment.
- D. The permittee shall not accept hauled-in wastes at the treatment facility under the following conditions, unless otherwise approved by DEP in writing:
- When acceptance of hauled-in wastes would cause a hydraulic or organic overload as defined in Chapter 94.1 of the DEP's regulations.
 - When the treatment facility is considered to be in an existing hydraulic or organic overload condition, as determined by the permittee or DEP, as defined in Chapter 94.1 of the DEP's regulations.
 - When the instantaneous flow at the treatment facility exceeds 0.75 MGD (the Chapter 94 hydraulic design capacity of the facility multiplied by a peaking factor of three), and for 24 hours following exceedance of this threshold.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-11

A-11 In the Application at Page 11, York-WW indicated DEP has not yet approved FCGA's 2020 Municipal Waste Load Management Report (Chapter 94 Report). Please provide an update to the status of DEP's approval of FCGA's 2020 Chapter 94 Report and provide a copy of the report filed.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

York Water has been unable to locate a separate letter approving FCGA's 2020 Chapter 94 Report.

However, DEP's 2021 Chapter 94 Response letter is attached as **Attachment 1**.. Additionally, please see **Attachment 2** for a copy of the complete 2021 Chapter 94 Report with map and certifications and **Attachment 3** for a copy of the 2020 Chapter 94 Report.

January 25, 2022

Ron Artley
Franklin County General Authority
5540 Coffey Avenue
Chambersburg, PA 17201-4113

Re: Annual Wasteload Management (Chapter 94) Report
Franklin County General Authority S Patrol Road STP
NPDES Permit No. PA0030597
Letterkenny Township, Franklin County

Dear Mr. Artley:

The Department of Environmental Protection (DEP) has completed its review of your 2021 Annual Wasteload Management Report as required by 25 Pa. Code § 94.12. Please be aware that effluent quality alone cannot be used to justify disregarding the July 2020 monthly average organic loading exceedance. Since organic loadings reported after July 2020 are well below the design capacity, no further explanation is needed for this exceedance.

Next year, please include a list or table with the following parameters: Name of the Pump Station, Number of Pumps at the Pump Station, Rated or Permitted Design Capacity of the pumps at that station, Actual Capacity of the pump station (with one larger pump on standby mode), Annual Average Flow during the reporting year, Maximum Hourly Flow during the reporting year, and projected 2-year maximum flows. If you have different actual capacity of a pump through a Draw Down test completed recently please make a note of this too.

The meter calibration report(s) is missing. The map in the report is not legible. Your report will be deemed acceptable after we receive calibration report and a legible map. DEP appreciates your cooperation in meeting the Chapter 94 reporting requirements.

DEP's website at www.dep.pa.gov/chapter94 includes a "Chapter 94 Spreadsheet" and a "Chapter 94 Report Template" form for presenting hydraulic and organic data and graphs along with other crucial details for treatment plants. Thank you for using these templates. DEP strongly encourages the use of these tools for future reports to facilitate statewide consistency in the preparation of Chapter 94 reports.

If you have any questions concerning this notice, please contact Dharmendra Kumar at 717-705-4767 or dkumar@pa.gov.

Sincerely,



Timothy K. Wagner
Environmental Program Manager
Clean Water Program

Franklin County General Authority

2021 Municipal Waste Load Management Report

2021 FCGA Municipal Waste Load Management Report

TABLE OF CONTENTS

- 1.0 Introduction
- 2.0 Discussion of Historical Hydraulic and Organic Loading Data
- 3.0 Overload Reduction Plan
- 4.0 Wastewater Collection System Monitoring, Maintenance, Repair and Rehabilitation
- 5.0 Condition of Pumping Stations

ATTACHMENTS

- A. Organic Loading Graph
- B. Pump Station Data
- C. System Map

2021 FCGA Municipal Waste Load Management Report

1.0 INTRODUCTION

Effective November 21, 1997, The Pennsylvania Department of Environmental Protection (PADEP) adopted regulations under Chapter 94 of the PADEP Rules and Regulations entitled "Municipal Waste Load Management". These regulations set forth general provisions and information requirements to be included in an annual report on all wastewater facilities.

The intent of the annual report is to assist the municipalities in assuring that the necessary wastewater conveyance and treatment capabilities will be provided to meet anticipated growth demands. A 5-year planning interval is employed. If the wastewater collection system, pumping stations, or treatment plant are found to be overloaded, or projected to be overloaded within the next 5 years, specific steps are required to alleviate or prevent this situation.

Veolia/Suez - FCGA, contracted by the Franklin County General Authority (FCGA), provides operations and maintenance services for all water & wastewater utilities. These facilities are located at the Letterkenny Army Depot in Chambersburg, Pennsylvania. The Army provided 1,500 acres of this Depot to the community for commercial and industrial reuse as the Cumberland Valley Business Park (CVBP). The Army also conveyed its water and wastewater facilities to the FCGA, and transferred operational control of the systems on September 14, 1998.

June 2012 a new waste water treatment was started at this location and the old system was demolition. Final construction of the new treatment was completed in September 2013.

Wastewaters as well as Industrial Pretreated Waste generated at the Business Park and at the Depot are treated at the wastewater facility. The Army collects its industrial wastewater in a separate collection system and treats it in an Army operated Industrial Waste Treatment Facility. The FCGA treatment plant utilizes an Aero mod two (2) stage extended air biological process for the reduction of BOD, suspended solids, phosphorus and ammonia nitrogen. Disinfection is accomplished by UV Sterilization. The wastewater treatment plant designed for an average daily flow of 0.250 MGD and an influent organic loading rate of 600 lbs./day. In which construction was completed in 2013.

2.0 DISCUSSION OF HISTORIAL HYDRAULIC AND ORGANIC LOADING DATA

Hydraulic loading for the years 2017 through 2021 inclusive is summarized in Exhibit A. This data is also presented graphically in Figure A. The monthly average daily wastewater flow to the sewage treatment plant during 2021 was 0.0777 MGD, with a 5-year average of 0.120 MGD. Organic loading data for the past 5 years summarized in Exhibit A. This data is also presented graphically in Figure A. The monthly average organic loading to the sewage treatment plant during 2021 was 193 lbs./day, with a 5-year average of 241 lbs./day.

2021 FCGA Municipal Waste Load Management Report

The July 2020 monthly overload of *influent* BOD5 average 616 lbs/day, (924.75 mg/L), which is 16 lbs/day over designed capacity. During this timeframe the effluent CBOD5 was 3.2 mg/L and average daily flow of 0.068 MGD was the lowest monthly amount recorded. Low monthly flows are from vacation, work flow and mission status of the industrial park tenants during this time period.

3.0 OVERLOAD REDUCTION PLAN

A feasibility study was completed by Kimball Engineering in 2002. This study was updated by Kimball in February of 2007. Loading at the facility has not increased to the point where this upgrade is yet required.

Franklin County General Authority new Waste Water Treatment Facility was completed during 2013. Century Engineering is the design engineers.

4.0 WASTE WATER COLLECTION SYSTEM MONITORING, MAINTENANCE, REPAIR AND REHABILITATION

Veolia/Suez - FCGA, under a 3-year service agreement, is responsible for the operation and maintenance of the treatment plant, collection system, and pumping stations. In addition to required maintenance functions, preventative maintenance activities are routinely scheduled. These include regular facility inspection, cleaning and lubrication of plant and pump station components and equipment. Maintenance and calibration of plant instrumentation is contracted to qualified technicians. Veolia/Suez personnel, based on laboratory analyses performed by Microbac Environmental Laboratory Service, Franklin Analytical Laboratories and at the plant, control plant process parameters.

Veolia/Suez performs an assessment of the manholes, force mains and gravity mains throughout the collection system each year. The manholes are evaluated to identify those in need of maintenance, repair and rehabilitation. The pump stations are inspected on a weekly basis. The information collected is used to guide the Capital Improvement Program for all collection system maintenance, repairs, and rehabilitation.

5.0 CONDITION OF PUMP STATIONS

There are at present a total of ten (10) pump stations making up the conveyance system. Veolia/Suez is responsible for operation, inspection, and maintenance of the pump stations.

2021 FCGA Municipal Waste Load Management Report

During 2018 the Department of Defense turned over control of the CDC pump station which was built in 2013 by the Corp of Engineers. In late 2008 FCGA demolished pump station 590 and replaced it with new Pump Station 508B. This new pump station will receive waste from future industrial development north of Coffee Avenue as well as the waste from the demolished Pump Station 590.

None of the pump stations have the capacity to directly measure flows. All of the pumps stations are now equipped with run time meters which allow flow measurements to be calculated based on theoretical pump discharge rates. Capital improvement plans and continuous upgrades to substandard stations will insure the Cumberland Valley Business Park has adequate capacity within the collection and conveyance system. A SCADA computerized monitoring system, under development, will remotely monitor the status of the pump stations on a continuous basis. Presently one pump station, 190, is tied into the network.

PUMP STATION IDENTIFICATION NUMBER	OVERALL CONDITION	RATED CAPACITY (GPM)	ACTUAL CAPACITY (GPM) *
3311	Good	1 @ 200	200
49	Good	2 @ 50	100
190	Excellent	2@250	500
233	Fair	2 @ 300	600
352	Good	2 @ 300	600
370	Good	2 @ 150	300
431-1	Good	2@200	400
508B	Excellent	2@80	160
641	Good	2@100	200
CDC	Excellent	2@250	500

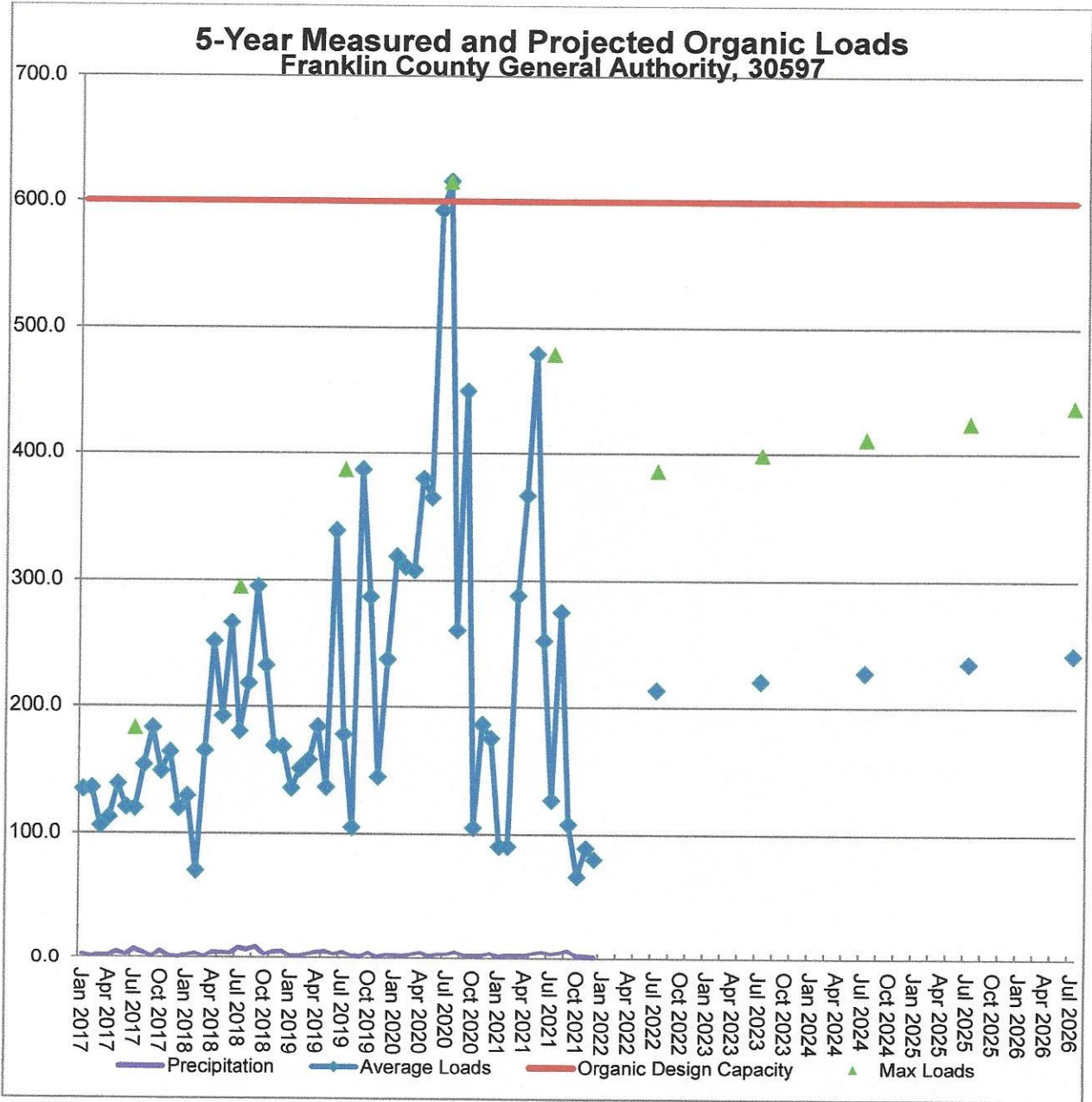
- *Indicates the total of all pumps running, amounts are from the name plates / data plates from each pump
- No pump or lift station have flow meters. Flow amounts of pump / lift station are calculated from hour meter times gpms of each pump totals

2021 FCGA Municipal Waste Load Management Report

<i>PUMP STATION CALCULATED WEEKLY TOTALS</i>				
Pump Station Number	Minimum Calculated Flow Gallons/Week	Average Calculated Flow Gallons/Week	Maximum Calculated Flow Gallons/Week	TWO (2) Year Maximum Calculated Flow Gallons/Week
3311	-	623	2,400	4,800
49	-	1,145	8,700	8,100
190	-	111,561	2,529,000	127,500
233	-	76,632	243,360	303,840
352	-	18,340	309,060	83,520
370	6,660	14,960	54,990	97,650
431-1	-	762	3,600	10,800
508-B	6,974	58,455	183,878	112,738
641	-	88,806	451,800	709,800
CDC	-	831	9,000	8,850

2021 FCGA Municipal Waste Load Management Report

Attachment A:



2021 FCGA Municipal Waste Load Management Report

Attachment B:

<i>PUMP STATION CALCULATED WEEKLY TOTALS</i>				
Pump Station Number	Minimum Calculated Flow Gallons/Week	Average Calculated Flow Gallons/Week	Maximum Calculated Flow Gallons/Week	TWO (2) Year Maximum Calculated Flow Gallons/Week
3311	-	623	2,400	4,800
49	-	1,145	8,700	8,100
190	-	111,561	2,529,000	127,500
233	-	76,632	243,360	303,840
352	-	18,340	309,060	83,520
370	6,660	14,960	54,990	97,650
431-1	-	762	3,600	10,800
508-B	6,974	58,455	183,878	112,738
641	-	88,806	451,800	709,800
CDC	-	831	9,000	8,850

2021 FCGA Municipal Waste Load Management Report

<i>PUMP STATION LOCATION AND CONDITION</i>			
Pump Station Number	LOCATION	Condition	
3311	- BLDG 3311 (POST 2), Georgia Ave.	Good	
49	- BLDG 49 (CVBP), Innnovation Way	Good	
190	- BLDG 47 (CVBP), Arkansas Ave	Good	
233	- BLDG 233 (CVBP), Wisconsin Ave.	Good	
352	- BLDG 352, (BASE), Rebuild Area	Good	
370	- BLDG 370, (BASE), Rebuild Area	Good	
431-1	- BLDG 431, (CVBP), Technology Ave	Good	
508-B	- BLDG 508, (CVBP), Coffey Ave.	Good	
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Good	
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Good	
<i>PUMP STATION LOCATION AND ELECTRIC METERING</i>			
Pump Station Number	LOCATION	BLDG/PIT/ CAN	ELECTRIC METERED
3311	- BLDG 3311 (POST 2), Georgia Ave.	Pit	NO
49	- BLDG 49 (CVBP), Innnovation Way	Bldg	YES
190	- BLDG 47 (CVBP), Arkansas Ave	Pit	YES
233	- BLDG 233 (CVBP), Wisconsin Ave.	Pit	NO
352	- BLDG 352, (BASE), Rebuild Area	Bldg	NO
370	- BLDG 370, (BASE), Rebuild Area	Pit	NO
431-1	- BLDG 431, (CVBP), Technology Ave	Pit	NO
508-B	- BLDG 508, (CVBP), Coffey Ave.	Pit	YES
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Can	YES
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Pit	YES

2021 FCGA Municipal Waste Load Management Report

Weekly PS Run Times:

week	190		49		352		370		3311		CDC		233		431-1		5088		641	
	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2
1/2/2021	3.500	91.500	0.400	0.400	1.030	1.140	2.910	5.540	0.100	0.000	0.040	13.520	1.950	0.100	0.100	32.772	32.970	61.600	66.100	
1/9/2021	0.000	168.600	0.500	0.500	0.790	0.680	1.740	3.560	0.100	0.000	0.060	9.030	3.620	0.000	0.100	23.807	23.810	65.400	71.500	
1/16/2021	1.700	5.100	0.000	0.000	1.440	1.320	1.880	4.230	0.000	0.000	0.040	8.460	0.930	0.100	0.100	19.490	19.492	54.100	59.400	
1/23/2021	1.200	1.200	0.400	0.400	0.500	0.760	0.960	0.980	0.000	0.000	0.050	5.200	1.580	0.000	0.100	9.852	9.852	18.800	20.800	
1/30/2021	1.000	0.090	0.000	0.000	0.740	0.660	1.150	2.270	0.100	0.000	0.100	7.020	1.720	0.100	0.100	5.235	5.336	4.600	5.100	
2/13/2021	3.700	3.600	0.400	0.500	0.900	1.370	1.990	3.680	0.100	0.000	0.150	11.910	3.070	0.100	0.200	6.497	7.020	8.400	9.500	
2/20/2021	1.200	1.200	0.000	0.000	1.210	0.470	1.060	2.720	0.000	0.000	0.100	6.090	1.050	0.100	0.100	7.759	8.044	4.100	4.600	
2/27/2021	2.900	2.800	0.500	0.400	6.620	0.920	1.120	2.000	0.000	0.000	0.090	8.040	1.550	0.000	0.100	16.499	17.511	6.300	7.100	
3/6/2021	7.900	7.600	0.000	0.000	0.370	1.420	3.290	4.920	0.100	0.000	0.130	12.680	2.750	0.100	0.100	24.912	26.011	56.700	56.000	
3/13/2021	1.700	1.700	0.000	0.000	1.320	1.320	3.800	6.110	0.100	0.000	0.060	9.640	2.820	0.000	0.200	10.717	11.584	75.300	69.000	
3/20/2021	0.900	0.900	0.000	0.000	0.460	0.980	1.230	1.730	0.000	0.000	0.090	6.750	2.550	0.100	0.000	1.984	1.978	49.800	45.100	
3/27/2021	1.700	1.600	0.400	0.400	1.030	0.880	1.850	1.580	0.100	0.000	0.090	8.810	2.410	0.000	0.000	7.007	9.360	21.300	19.200	
4/3/2021	1.500	1.500	0.000	0.000	1.160	0.760	1.400	1.640	0.000	0.000	0.110	5.580	2.630	0.100	0.100	5.592	4.271	8.800	8.000	
4/10/2021	2.000	1.900	0.000	0.000	0.700	0.740	1.670	1.150	0.100	0.000	0.080	5.340	3.300	0.000	0.000	14.682	15.587	8.000	7.000	
4/17/2021	3.000	2.800	0.000	0.000	0.580	0.660	1.090	0.890	0.000	0.000	0.120	6.380	2.670	0.100	0.100	6.861	7.373	15.500	14.000	
4/24/2021	2.100	2.100	0.000	0.000	0.840	0.840	1.370	2.140	0.100	0.000	0.100	6.410	2.080	0.000	0.100	15.209	15.756	71.800	65.400	
5/1/2021	1.400	1.300	0.000	0.000	0.670	0.630	1.230	1.550	0.100	0.000	0.090	4.880	1.750	0.100	0.100	2.046	2.273	18.800	16.900	
5/8/2021	0.900	0.900	0.000	0.000	0.800	0.780	1.340	1.860	0.000	0.000	0.060	2.010	2.070	0.100	0.100	1.453	1.660	4.900	4.400	
5/15/2021	3.300	3.100	0.200	0.200	1.100	0.880	1.330	2.020	0.200	0.000	0.130	2.680	4.170	0.100	0.100	14.549	15.323	33.000	29.700	
5/22/2021	0.900	1.000	0.000	0.000	0.420	0.770	1.280	1.990	0.000	0.000	0.060	3.590	3.500	0.000	0.100	11.294	12.192	11.900	10.600	
5/29/2021	0.800	0.700	0.000	0.000	0.840	0.610	1.240	1.380	0.100	0.000	0.090	1.950	2.580	0.100	0.000	2.214	2.386	3.500	4.100	
6/5/2021	1.700	1.700	0.000	0.000	0.640	0.770	1.190	1.890	0.100	0.000	0.090	3.050	2.540	0.000	0.100	8.199	8.717	0.100	4.800	
6/12/2021	0.700	0.700	0.700	0.700	0.640	0.520	0.920	0.990	0.100	0.000	0.060	2.790	1.480	0.000	0.300	2.685	2.731	0.000	3.500	
6/19/2021	4.100	3.900	1.100	1.100	0.750	0.800	1.330	2.060	0.100	0.000	0.060	6.360	2.860	0.100	0.000	10.702	10.872	0.000	15.100	
6/26/2021	0.900	0.900	0.000	0.000	0.640	0.720	1.250	1.100	0.100	0.000	0.090	4.920	1.830	0.000	0.100	9.932	10.823	0.000	13.400	
7/3/2021	1.500	1.400	0.600	0.600	1.010	2.320	1.280	1.850	0.200	0.000	0.090	6.910	2.600	0.100	0.100	12.536	13.266	0.000	5.900	
7/10/2021	1.300	1.200	0.500	0.500	0.610	2.520	0.910	1.350	0.000	0.000	0.060	7.140	1.660	0.000	0.000	9.952	10.388	0.000	3.800	
7/17/2021	1.200	1.200	0.500	0.500	0.620	0.630	1.100	1.470	0.100	0.000	0.060	4.170	1.900	0.100	0.100	7.145	7.652	0.000	4.100	
7/24/2021	1.900	1.800	0.000	0.000	0.740	0.673	1.450	1.700	0.100	0.000	0.090	8.160	2.830	0.000	0.100	11.406	12.224	0.000	7.000	
7/31/2021	1.200	1.200	1.400	1.400	0.740	0.730	1.240	1.520	0.100	0.000	0.090	9.170	2.580	0.000	0.000	9.348	9.709	0.000	4.500	
8/7/2021	0.600	0.600	0.000	0.000	0.750	1.960	1.110	1.570	0.000	0.000	0.060	8.560	2.830	0.100	0.100	6.730	6.770	0.000	4.600	
8/14/2021	0.700	0.700	0.000	0.000	0.750	0.710	1.170	1.700	0.000	0.000	0.090	8.360	2.680	0.000	0.100	7.716	8.258	0.000	4.200	
8/21/2021	1.600	1.500	0.000	0.000	1.070	1.070	1.870	2.160	0.100	0.000	0.120	11.760	3.310	0.100	0.300	9.468	10.237	0.000	6.100	
8/28/2021	1.900	1.900	0.500	0.500	2.820	0.600	0.780	1.960	0.000	0.000	0.040	5.380	1.850	0.000	0.100	12.209	13.233	0.000	6.500	
9/4/2021	1.000	0.900	1.000	1.000	0.760	0.740	1.210	1.930	0.000	0.000	0.090	6.130	2.160	0.100	0.000	7.782	8.089	4.300	4.400	
9/11/2021	1.400	138.600	0.700	0.700	1.090	17.170	1.700	2.390	0.000	0.000	0.600	5.840	3.250	0.000	0.100	21.250	23.399	60.000	65.400	
9/18/2021	0.000	144.600	0.500	0.500	0.450	0.480	0.740	1.330	0.100	0.000	0.090	2.740	2.140	0.000	0.000	9.381	9.429	22.300	25.000	
9/25/2021	1.100	72.000	0.500	0.500	0.760	0.740	1.320	1.580	0.000	0.000	0.070	5.270	3.030	0.100	0.100	6.735	7.726	2.200	2.500	
10/2/2021	3.100	3.000	1.000	1.000	0.640	0.740	1.420	1.240	0.000	0.000	0.060	5.380	3.750	0.000	0.100	15.877	17.329	4.200	4.900	
10/9/2021	0.900	0.800	0.000	0.000	0.810	0.710	1.340	1.570	0.000	0.000	0.090	5.360	2.370	0.100	0.100	10.515	10.813	2.900	3.200	
10/16/2021	0.700	0.600	0.600	0.600	0.480	0.560	0.900	1.310	0.000	0.000	0.090	2.300	2.460	0.000	0.000	9.611	9.807	2.400	2.100	
10/23/2021	0.500	0.600	0.600	0.600	0.700	2.270	1.010	1.460	0.000	0.000	0.600	1.840	1.630	0.000	0.100	19.931	19.930	2.600	2.300	
10/30/2021	0.800	0.600	0.000	0.000	0.710	0.000	1.100	1.360	0.000	0.000	0.600	2.610	1.420	0.100	0.000	12.184	12.176	2.100	2.300	
11/1/2021	2.000	1.700	2.900	2.900	0.000	0.390	1.240	1.570	0.000	0.000	0.090	2.260	0.000	0.000	0.100	19.571	19.568	4.000	2.500	
11/8/2021	0.900	0.800	0.400	0.400	0.000	0.000	1.260	1.220	0.100	0.000	0.070	1.620	0.000	0.000	0.000	19.810	19.820	2.600	2.700	
11/16/2021	2.700	2.300	0.400	0.400	1.700	0.010	1.260	1.610	0.000	0.000	0.090	5.150	3.110	0.100	0.100	38.308	38.304	4.600	4.200	
11/22/2021	0.800	0.700	0.500	0.500	0.960	0.000	0.960	1.380	0.100	0.000	0.040	2.260	1.830	0.000	0.100	23.946	23.939	2.000	1.700	
12/4/2021	0.800	0.700	0.600	0.000	1.200	0.000	1.080	2.100	0.000	0.000	0.070	6.460	1.840	0.000	0.000	16.067	16.482	2.000	1.700	
12/11/2021	0.900	0.800	1.100	0.000	1.040	0.000	0.870	1.500	0.000	0.000	0.060	6.370	1.930	0.100	0.100	9.995	10.520	1.900	1.700	
12/18/2021	1.100	0.900	0.400	0.500	1.320	0.000	1.010	1.720	0.100	0.000	0.090	11.170	2.430	0.000	0.100	8.566	8.812	2.700	2.300	
12/25/2021	0.100	0.900	1.000	0.900	1.220	0.000	0.940	1.470	0.000	0.000	0.090	9.590	1.860	0.100	0.000	7.035	7.092	2.400	2.100	
1/1/2022	0.800	0.900	0.400	0.400	0.980	0.000	0.840	1.240	0.000	0.000	0.030	9.060	1.740	0.000	0.100	6.922	7.268	1.800	1.600	
Hours	190		49		352		370		3311		CDC		233		431-1		5088		641	
Min:	0.00	0.09	0.00	0.00	0.00	0.00	0.74	0.89	0.00	0.00	0.03	1.62	0.00	0.00	0.00	1.45	1.66	0.00	1.60	
Avg:	1.58	13.29	0.40	0.37	0.96	1.07	1.36	1.96	0.05	0.00	0.11	6.23	2.28	0.05	0.08	11.95	12.41	14.03	15.57	
Max:	7.90	168.60	2.90	2.90	6.62	17.17	3.80	6.11	0.20	0.00	0.60	13.52	4.17	0.10	0.30	38.31	38.30	75.30	71.50	
Total Sum:	82.20	691.29	20.70	19.00	50.16	55.80	70.73	102.14	2.70	0.00	5.76	324.11	118.65							

Reporting Year:

Facility Name:

Permit No.:

Persons/EDU:

Existing Hydraulic Design Capacity: MGD
 Upgrade Planned in Next 5 Years? Year:
 Future Hydraulic Design Capacity: MGD

Existing Organic Design Capacity: lbs BOD5/day
 Upgrade Planned in Next 5 Years? Year:
 Future Organic Design Capacity: lbs BOD5/day

Monthly Average Flows for Past Five Years (MGD)

Month	2017	2018	2019	2020	2021
January	0.111	0.104	0.126	0.102	0.07
February	0.098	0.172	0.067	0.096	0.075
March	0.112	0.131	0.154	0.105	0.12
April	0.111	0.153	0.162	0.108	0.096
May	0.114	0.121	0.171	0.11	0.089
June	0.099	0.086	0.084	0.074	0.081
July	0.112	0.113	0.086	0.068	0.069
August	0.126	0.233	0.087	0.079	0.58
September	0.092	0.204	0.089	0.082	0.106
October	0.106	0.116	0.103	0.078	0.054
November	0.108	0.214	0.089	0.075	0.053
December	0.082	0.154	0.099	0.0932	0.045
Annual Avg	0.106	0.15	0.11	0.0892	0.12
Max 3-Mo Avg	0.112	0.184	0.165	0.1077	0.252
Max : Avg Ratio	1.06	1.23	1.50	1.21	2.10
Existing EDUs	2,405.0	2,481.0	2,557.0	2,557.0	2,557.0
Flow/EDU (GPD)	44.1	60.5	43.0	34.9	46.9
Flow/Capita (GPD)	18.1	24.8	17.6	14.3	19.2
Exist. Overload?	NO	NO	NO	NO	NO

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

Month	2017	2018	2019	2020	2021
January	135	130	136	319	90
February	136	70	151	311	90
March	106	165	158	308	288
April	113	251	184	380	367
May	139	192	137	365	479
June	121	266	339	593	252
July	120	180	178	616	127
August	154	218	105	260	275
September	183	295	387	449	108
October	149	232	287	105	66
November	164	169	145	186	89
December	120	168	237	175	80
Annual Avg	137	195	204	339	193
Max Mo Avg	183	295	387	616	479
Max : Avg Ratio	1.34	1.52	1.90	1.82	2.49
Existing EDUs	2,405	2,481	2,557	2,557	2,557
Load/EDU	0.057	0.078	0.080	0.133	0.075
Load/Capita	0.023	0.032	0.033	0.054	0.031
Exist. Overload?	NO	NO	NO	YES	NO

Projected Flows for Next Five Years (MGD)

	2022	2023	2024	2025	2026
New EDUs	0.0	82.0	82.0	82.0	82.0
New EDU Flow	0	0.0038	0.0038	0.0038	0.0038
Proj. Annual Avg	0.115	0.1188	0.1226	0.1264	0.1302
Proj. Max 3-Mo Avg	0.1631	0.1685	0.1739	0.1793	0.1846
Proj. Overload?	NO	NO	NO	NO	NO

Projected BOD5 Loads for Next Five Years (lbs/day)

	2022	2023	2024	2025	2026
New EDUs	0	82	82	82	82
New EDU Load	0.000	6.934	6.934	6.934	6.934
Proj. Annual Avg	213	220	227	234	241
Proj. Max Avg	386	399	412	424	437
Proj. Overload?	NO	NO	NO	NO	NO

Show Precipitation Data on Hydraulic Graph?

Total Monthly Precipitation for Past Five Years (Inches)

Month	2017	2018	2019	2020	2021
January	3.45	2.71	2.05	2.9	1.65
February	1.67	4.21	2.16	2.32	2.94
March	2.8	1.44	3.91	3.77	3.04
April	2.78	5.32	5.67	5.31	2.84
May	6.16	5.16	6.24	1.89	4.99
June	3.21	4.46	3.62	3.93	6.09
July	8.56	9.46	5.57	3.95	4.28
August	5.2	8.04	2.42	5.75	5.33
September	1.57	10.35	1.21	2.84	7.32
October	6.61	3.51	5.21	2.74	2.24
November	2.2	5.93	1.03	2.51	2.19
December	1.11	6.34	3.26	4.75	1.13

Solids Management (Sludge) Calculator

This worksheet calculates the expected sludge volume that should be produced by various treatment processes over a one-year period. Enter data into green cells - hit the Tab key to move between cells. Red cells are calculated.

Facility Name:	<input type="text" value="Franklin County General Authority"/>	Permit No.:	<input type="text" value="PA 0030597"/>
Evaluation Period:	<input type="text" value="1/1/2021"/> <small>Enter Date</small>	to	<input type="text" value="12/31/2021"/> <small>Enter Date</small>
Design Flow:	<input type="text" value="0.25"/> MGD	Actual Annual Average Flow:	<input type="text" value="0.109"/> MGD
Type of Biological Treatment Process:	<input type="text" value="Conventional Activated Sludge"/>	Treatment Factor:	<input type="text" value="0.85"/>
Type of Digestion Process:	<input type="text" value="Aerobic Digestion, HDT = 20"/>	Digestion Factor:	<input type="text" value="0.7"/>
Total Population Served by Treatment Plant:	<input type="text" value="2,800"/>		
Average Annual Influent BOD5 Load (per Ch. 94 Report):	<input type="text" value="192.0"/> lbs/day		
Average Annual Influent BOD5 Load (Expected based on Population):	<input type="text" value="476.0"/> lbs/day	<small>(Population x 0.17)</small>	
% of Influent BOD5 Load per Ch. 94 Report / Influent Load Expected:	<input type="text" value="40.3%"/>	<small>(Influent Load per Ch. 94 Report / Influent Load based on Population)</small>	
Average Annual Effluent Concentration of	<input type="text" value="CBOD5"/> : <input type="text" value="4"/> mg/L	Assume 4.8 mg/L BOD5	
Average Annual Pounds (lbs) of BOD5 Discharged:	<input type="text" value="4.36"/> lbs/day	<small>(Actual Flow x Effluent BOD5 Concentration x 8.34)</small>	
Influent BOD5 Load per Person per Day (based on Ch. 94):	<input type="text" value="0.069"/>	<small>(Influent BOD5 Load per Ch. 94 Report / Population - 0.17 to 0.22 is typical)</small>	
Pounds of BOD5 Removed (based on Ch. 94):	<input type="text" value="187.6"/> lbs/day	<small>(Influent BOD5 Load per Ch. 94 Report - BOD5 Discharged)</small>	
Pounds of BOD5 Removed (based on Population):	<input type="text" value="471.6"/> lbs/day	<small>(Influent BOD5 Load Expected based on Population - BOD5)</small>	
Sludge Removed from Treatment Plant (Previous Year):	<input type="text" value="9.3"/> Dry Tons	=	<input type="text" value="18,502"/> Dry lbs

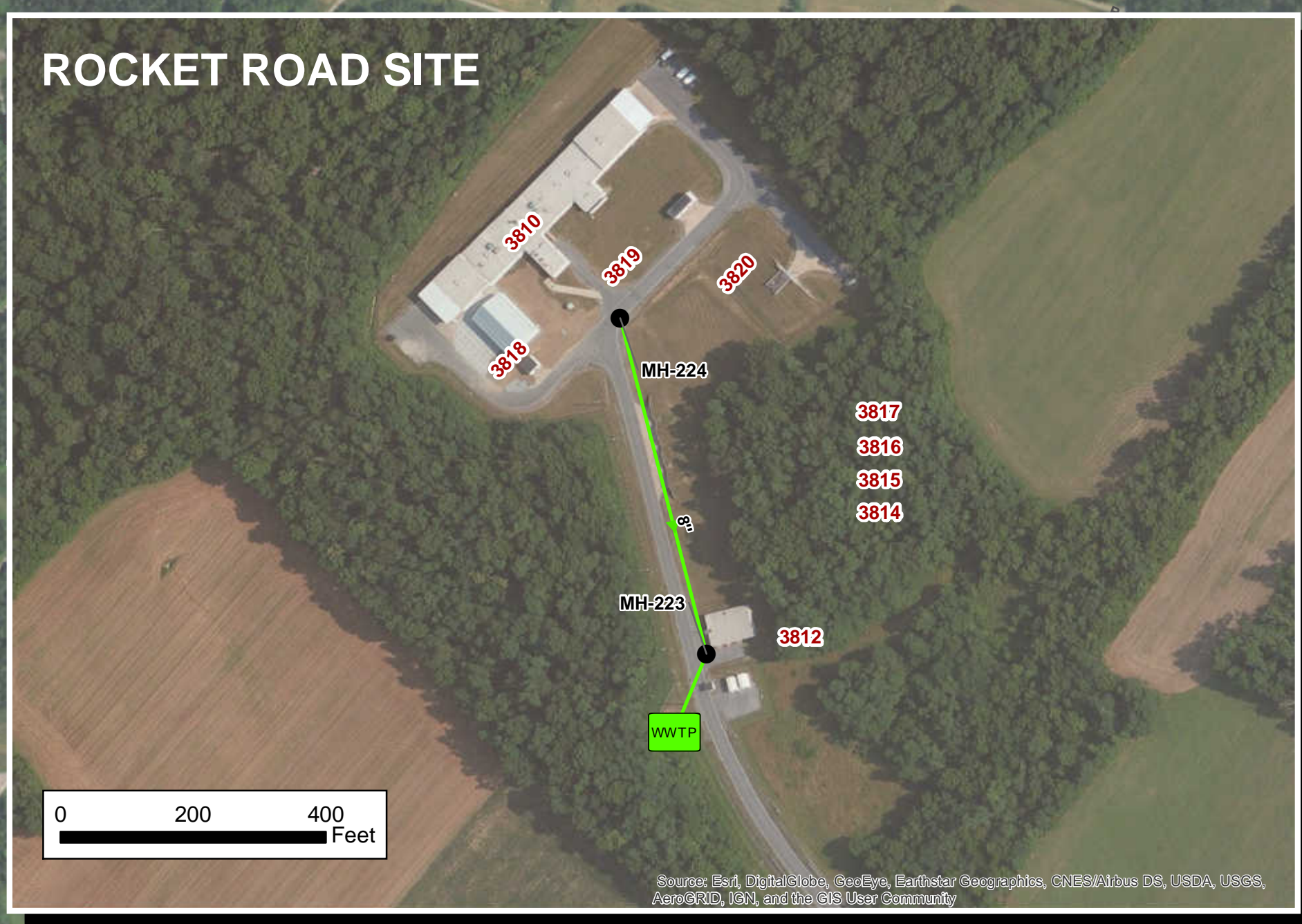
Sludge Production and Wasting Calculations

Based on Chapter 94 Report

X	<input type="text" value="187.6"/>	BOD5 Removed / Day (lbs)
	<input type="text" value="0.85"/>	Treatment Factor
X	<input type="text" value="159.49"/>	Daily Solids Production (lbs)
	<input type="text" value="0.7"/>	Digestion Factor
X	<input type="text" value="111.64"/>	Daily Digested Solids (lbs)
	<input type="text" value="365"/>	Days per Year
-	<input type="text" value="40,750"/>	Solids Generated / Year (lbs)
	<input type="text" value="18,502"/>	Solids Actually Wasted / Year (lbs)
	<input type="text" value="22,248"/>	Difference (lbs)
	<input type="text" value="45%"/>	% of Expected Volume Wasted <small>(85 - 115% is generally acceptable)</small>
	<input type="text" value="100.0%"/>	Percent Solids of Wasted Solids
	<input type="text" value="4,886"/>	Volume of Solids to Remove Annually (gallons)
-	<input type="text" value="2,218"/>	Volume of Solids Actually Removed Annually (gallons)
	<input type="text" value="2,668"/>	Difference (gallons)

Based on Population

X	<input type="text" value="471.6"/>	BOD5 Removed / Day (lbs)
	<input type="text" value="0.85"/>	Treatment Factor
X	<input type="text" value="400.89"/>	Daily Solids Production (lbs)
	<input type="text" value="0.7"/>	Digestion Factor
X	<input type="text" value="280.62"/>	Daily Digested Solids (lbs)
	<input type="text" value="365"/>	Days per Year
	<input type="text" value="102,428"/>	Solids Generated / Year (lbs)
	<input type="text" value="18,502"/>	Solids Actually Wasted / Year (lbs)
	<input type="text" value="83,926"/>	Difference (lbs)
	<input type="text" value="18%"/>	% of Expected Volume Wasted <small>(85 - 115% is generally acceptable)</small>
	<input type="text" value="100.0%"/>	Percent Solids of Removed Solids
	<input type="text" value="12,281"/>	Volume of Solids to Remove Annually (gallons)
-	<input type="text" value="2,218"/>	Volume of Solids Actually Removed Annually (gallons)
	<input type="text" value="10,063"/>	Difference (gallons)



Pump ID	Pump Capacity
3311	1 @ 200 GPM
641	2 @ 100 GPM
370	2 @ 150 GPM
431-1	2 @ 200 GPM
190	2 @ 250 GPM
352	2 @ 300 GPM

FRANKLIN COUNTY GENERAL AUTHORITY
 LETTERKENNY, GREENE, AND HAMILTON TOWNSHIPS, FRANKLIN COUNTY, PENNSYLVANIA
WASTEWATER SYSTEM GIS MAPPING

- Gravity Main
- Effluent Main
- - - Force Main
- - - Force Main (Abandoned)
- Low Pressure Sewer System
- Non-FCGA Pump Station or Grinder
- Septic Tank
- World Imagery
- Low Resolution 15m Imagery
- High Resolution 60cm Imagery
- Manhole
- ▲ Outfall
- WWTP
- FCGA Pump Station

STATEMENT OF ACCURACY
 Unless otherwise noted, all data in this map was obtained from digital data provided on 08/26/16 by the Franklin County General Authority. The data was reviewed and found to be accurate as of the date of mapping, and may not be accurate if changes have occurred since the date of mapping. The engineer warrants that the information is accurate as of the date of mapping for the purposes of engineering design purposes.

DATA CREDITS
 USGS National Wetland Inventory (NWI) data provided on 08/26/16 by the Franklin County General Authority.
 USGS, RE, USGS Master Plan - 2004 and 2008
 USGS, RE, USGS, 2016

DATE	REV	ISSUED FOR / REVISED	LAB	HAE	TECH	APPD
05/24/17	4	UPDATES BASED ON FIELDWORK (051917)	LAB	HAE		
04/04/17	3	AMENDED PER GIS FIELD WORK	LAB	HAE		
02/08/17	1	AMENDED FLOW DIRECTION AND LABELING	LAB	HAE		
02/06/17	0	CLIENT REVIEW	LAB	HAE		

1,800.825.1372
www.enteched.com

DATE	REV	ISSUED FOR / REVISED	LAB	HAE	TECH	APPD
05/24/17	4	UPDATES BASED ON FIELDWORK (051917)	LAB	HAE		
04/04/17	3	AMENDED PER GIS FIELD WORK	LAB	HAE		
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02/06/17	0	CLIENT REVIEW	LAB	HAE		

LAWCO INC.	Phone: 717-691-8405
Flow Measurement Technology	Toll Free: 800-769-1662
Office & Shop:	Fax: 717-691-8406
383 Sample Bridge Road, Enola, PA 17025	Kim's Cell: 717-554-6540
	E-Mail: LAWCOFLOW@aol.com

Backflow Prevention Device Inspection & Test

Customer

Account #		Premise #	
Customer Name:	SUEZ Environmental - Chambersburg	Contact Person:	Ron Artley
Address:	5000 Letterkenny Rd, Suite 230	Job Site:	Control Building Garage
City, State:	Chambersburg, PA 17201		
Phone #:	717-267-6030	Fax #:	717-267-6029
E-Mail:	ron.artley@suez-na.com		
Date:	November 1, 2021	Time:	11:30 AM
Examined By:	K. A. Law-Brydon C. E. Bohl	Certificate #:	# 2804 NEWWA Exp: 05/31/2022 # 8393 NEWWA Exp: 05/31/2022

BYPASS

Bypass Available:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>	X	Bypass Size:	
--------------------------	--------------------------------------	--	----------	---------------------	--

DEVICE

Make:	Watts	Model:	909 M1
Size:	2"	Serial #	464832

TEST

Reduced Pressure Backflow Prevention Device Assembly (RPZ)

Check Valve No. 1	Check Valve No. 2 Tightness	Flow Condition Evaluated	Relief Valve DP Opening Point	Check Valve No. 2 DP
Closed Tight <input checked="" type="checkbox"/>	Closed Tight <input checked="" type="checkbox"/>	Flow <input type="checkbox"/>	Opened at PSID	
Leaked <input type="checkbox"/>	Leaked <input type="checkbox"/>	No-Flow <input checked="" type="checkbox"/>	3.6	1.6
7.2	6.8			PSID
PSID	PSID		Did Not Open <input type="checkbox"/>	

Double Check Valve Device Assembly (DCVA)

Backpressure Test		Check Valve No. 1 DP	Check Valve No. 2 DP	Flow Condition Evaluated
TC#1 PSI	TC#4 PSI			Flow <input type="checkbox"/>
		_____	_____	No-Flow <input type="checkbox"/>
		PSID	PSID	

At the time of the test, the downstream shut-off valve was: Closed Tight Leaked Not Tested

Line Pressure 100 PSI Protection Type: Irrigation Line Fire Service Line Domestic Service Line

STATUS

PASSED:

FAILED:

Meter Serial #	Restored Service	Flow Conditions		
	<input checked="" type="checkbox"/>	Flow:	No Flow:	<input checked="" type="checkbox"/>

Test Equipment: Serial #115790 Certification #148763 Expiration: 6/8/22

Remarks: Test adaptors installed

Special Instruction:

Certified Tester:

Kimberly A. Law-Brydon
Kimberly A. Law-Brydon

Charles E. Bohl
Charles E. Bohl



Franklin County General Authority

2020 Municipal Waste Load Management Report



2020 Municipal Waste Load Management Report

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- 1.0 Introduction
- 2.0 Discussion of Historical Hydraulic and Organic Loading Data
- 3.0 Overload Reduction Plan
- 4.0 Wastewater Collection System Monitoring, Maintenance, Repair and Rehabilitation
- 5.0 Condition of Pumping Stations

ATTACHMENTS

- A. Organic Loading Graph
- B. Pump Station Data
- C. System Map





2020 Municipal Waste Load Management Report

1.0 INTRODUCTION

Effective November 21, 1997, The Pennsylvania Department of Environmental Protection (PADEP) adopted regulations under Chapter 94 of the PADEP Rules and Regulations entitled "Municipal Waste Load Management". These regulations set forth general provisions and information requirements to be included in an annual report on all wastewater facilities.

The intent of the annual report is to assist the municipalities in assuring that the necessary wastewater conveyance and treatment capabilities will be provided to meet anticipated growth demands. A 5-year planning interval is employed. If the wastewater collection system, pumping stations, or treatment plant are found to be overloaded, or projected to be overloaded within the next 5 years, specific steps are required to alleviate or prevent this situation.

Suez - FCGA, contracted by the Franklin County General Authority (FCGA), provides operations and maintenance services for all water & wastewater utilities. These facilities are located at the Letterkenny Army Depot in Chambersburg, Pennsylvania. The Army provided 1,500 acres of this Depot to the community for commercial and industrial reuse as the Cumberland Valley Business Park (CVBP). The Army also conveyed its water and wastewater facilities to the FCGA, and transferred operational control of the systems on September 14, 1998.

June 2012 a new waste water treatment was started at this location and the old system was demolished. Final construction of the new treatment was completed in September 2013.

Wastewaters as well as Industrial Pretreated Waste generated at the Business Park and at the Depot are treated at the wastewater facility. The Army collects its industrial wastewater in a separate collection system and treats it in an Army operated Industrial Waste Treatment Facility. The FCGA treatment plant utilizes an Aero mod two (2) stage extended air biological process for the reduction of BOD, suspended solids, phosphorus and ammonia nitrogen. Disinfection is accomplished by UV Sterilization. The wastewater treatment plant designed for an average daily flow of 0.250 MGD and an influent organic loading rate of 600 lbs./day. In which construction was completed in 2013.

2.0 DISCUSSION OF HISTORIAL HYDRAULIC AND ORGANIC LOADING DATA

Hydraulic loading for the years 2016 through 2020 inclusive is summarized in Exhibit A. This data is also presented graphically in Figure A. The monthly average daily wastewater flow to the sewage treatment plant during 2020 was 0.0892 MGD, with a 5-year average of 0.126 MGD.

Organic loading data for the past 5 years summarized in Exhibit A. This data is also presented graphically in Figure A. The monthly average organic loading to the sewage treatment plant during 2020 was 339 lbs./day, with a 5-year average of 239 lbs/day.





2020 Municipal Waste Load Management Report

The July 2020 monthly overload of *influent* BOD5 average 616 lbs/day, (924.75 mg/L), which is 16 lbs/day over designed capacity. During this timeframe the effluent CBOD5 was 3.2 mg/L and average daily flow of 0.068 MGD was the lowest monthly amount recorded. Low monthly flows are from vacation, work flow and mission status of the industrial park tenants during this time period.

3.0 OVERLOAD REDUCTION PLAN

A feasibility study was completed by Kimball Engineering in 2002. This study was updated by Kimball in February of 2007. Loading at the facility has not increased to the point where this upgrade is yet required.

Franklin County General Authority new Waste Water Treatment Facility was completed during 2013. Century Engineering is the design engineers.

4.0 WASTE WATER COLLECTION SYSTEM MONITORING, MAINTENANCE, REPAIR AND REHABILITATION

Suez - FCGA, under a 20-year service agreement, is responsible for the operation and maintenance of the treatment plant, collection system, and pumping stations. In addition to required maintenance functions, preventative maintenance activities are routinely scheduled. These include regular facility inspection, cleaning and lubrication of plant and pump station components and equipment. Maintenance and calibration of plant instrumentation is contracted to qualified technicians. Suez personnel, based on laboratory analyses performed by ALS Environmental Laboratory Service, Franklin Analytical Laboratories and at the plant, control plant process parameters.

Suez performs an assessment of the manholes, force mains and gravity mains throughout the collection system each year. The manholes are evaluated to identify those in need of maintenance, repair and rehabilitation. The pump stations are inspected on a weekly basis. The information collected is used to guide the Capital Improvement Program for all collection system maintenance, repairs, and rehabilitation.

5.0 CONDITION OF PUMP STATIONS

There are at present a total of ten (10) pump stations making up the conveyance system. Suez is responsible for operation, inspection, and maintenance of the pump stations.





2020 Municipal Waste Load Management Report

During 2018 the Department of Defense turned over control of the CDC pump station which was built in 2013 by the Corp of Engineers. In late 2008 FCGA demolished pump station 590 and replaced it with new Pump Station 508B. This new pump station will receive waste from future industrial development north of Coffee Avenue as well as the waste from the demolished Pump Station 590.

None of the pump stations have the capacity to directly measure flows. All of the pumps stations are now equipped with run time meters which allow flow measurements to be calculated based on theoretical pump discharge rates. Capital improvement plans and continuous upgrades to substandard stations will insure the Cumberland Valley Business Park has adequate capacity within the collection and conveyance system. A SCADA computerized monitoring system, under development, will remotely monitor the status of the pump stations on a continuous basis. Presently one pump station, 190, is tied into the network.

PUMP STATION IDENTIFICATION NUMBER	OVERALL CONDITION	RATED CAPACITY (GPM)	ACTUAL CAPACITY (GPM) *
3311	Good	1 @ 200	200
49	Good	2 @ 50	100
190	Excellent	2@250	500
233	Fair	2 @ 300	600
352	Good	2 @ 300	600
370	Good	2 @ 150	300
431-1	Good	2@200	400
508B	Excellent	2@80	160
641	Good	2@100	200
CDC	Excellent	2@250	500

- * Indicates the total of all pumps running, amounts are from the name plates / data plates from each pump
- No pump / lift station has a flow meter. Flow amounts of pump / lift station are calculated from hour meter times gpms of each pump totals





2020 Municipal Waste Load Management Report

PUMP STATION CALCULATED WEEKLY TOTALS

Pump Station Number	Minimum Calculated Flow Gallons / Week	Average Calculated Flow Gallons / Week	Maximum Calculated Flow Gallons / Week	TWO (2) Year Maximum Calculated Flow Gallons / Week
3311	-	912	4,800	4,800
49	-	2,331	12,900	8,100
190	9,000	25,260	76,500	127,500
233	10,620	65,455	214,200	303,840
352	-	15,304	47,520	83,520
370	2,790	12,874	35,370	97,650
431-1	-	912	13,200	10,800
508-B	6,653	29,613	105,182	112,738
641	13,200	50,016	387,600	709,800
CDC	-	1,940	5,550	8,850

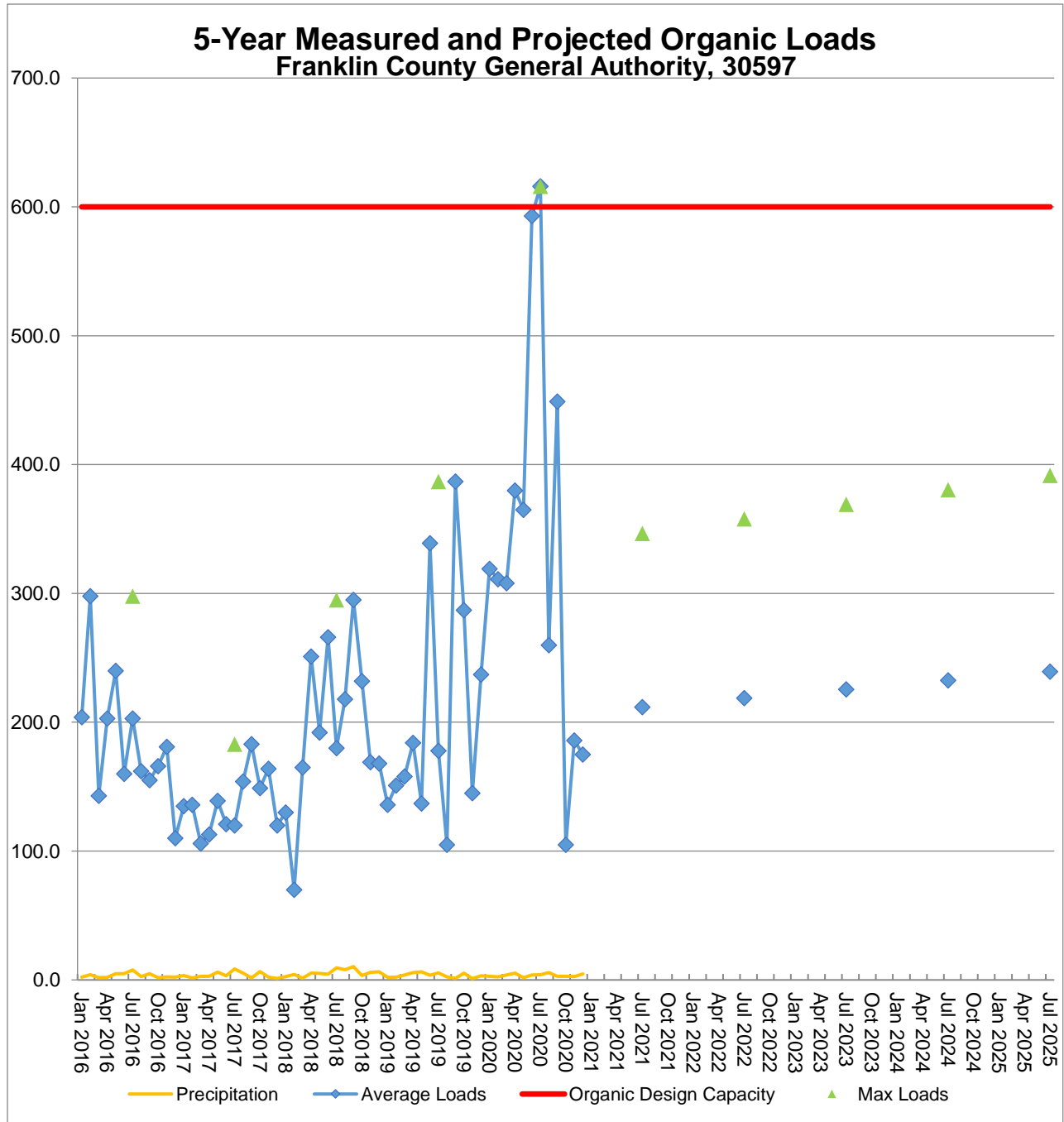
PUMP STATION WEEKLY COMPARE TOTALS

Pump Station Number	Maximum Calculated Flow Gallons / Week	TWO (2) Year Maximum Calculated Flow Gallons / Week	P.S. Max Weekly Flows	Condition
3311	4,800	4,800	2,016,000	Good
49	12,900	8,100	1,008,000	Good
190	76,500	127,500	5,040,000	Good
233	214,200	303,840	6,048,000	Good
352	47,520	83,520	6,048,000	Good
370	35,370	97,650	3,024,000	Good
431-1	13,200	10,800	4,032,000	Good
508-B	105,182	112,738	1,612,800	Good
641	387,600	709,800	2,016,000	Good
CDC	5,550	8,850	5,040,000	Good



2020 Municipal Waste Load Management Report

Attachment A:





2020 Municipal Waste Load Management Report

Attachment B:

<i>PUMP STATION CALCULATED WEEKLY TOTALS</i>				
Pump Station Number	Minimum Calculated Flow Gallons / Week	Average Calculated Flow Gallons / Week	Maximum Calculated Flow Gallons / Week	TWO (2) Year Maximum Calculated Flow Gallons / Week
3311	-	912	4,800	4,800
49	-	2,331	12,900	8,100
190	9,000	25,260	76,500	127,500
233	10,620	65,455	214,200	303,840
352	-	15,304	47,520	83,520
370	2,790	12,874	35,370	97,650
431-1	-	912	13,200	10,800
508-B	6,653	29,613	105,182	112,738
641	13,200	50,016	387,600	709,800
CDC	-	1,940	5,550	8,850
<i>PUMP STATION WEEKLY COMPARE TOTALS</i>				
Pump Station Number	Maximum Calculated Flow Gallons / Week	TWO (2) Year Maximum Calculated Flow Gallons / Week	P.S. Max Weekly Flows	Condition
3311	4,800	4,800	2,016,000	Good
49	12,900	8,100	1,008,000	Good
190	76,500	127,500	5,040,000	Good
233	214,200	303,840	6,048,000	Good
352	47,520	83,520	6,048,000	Good
370	35,370	97,650	3,024,000	Good
431-1	13,200	10,800	4,032,000	Good
508-B	105,182	112,738	1,612,800	Good
641	387,600	709,800	2,016,000	Good
CDC	5,550	8,850	5,040,000	Good



2020 Municipal Waste Load Management Report

PUMP STATION LOCATION AND CONDITION

Pump Station Number	LOCATION	Condition
3311	- BLDG 3311 (POST 2), Georgia Ave.	Good
49	- BLDG 49 (CVBP), Innovation Way	Good
190	- BLDG 47 (CVBP), Arkansas Ave	Good
233	- BLDG 233 (CVBP), Wisconsin Ave.	Good
352	- BLDG 352, (BASE), Rebuild Area	Good
370	- BLDG 370, (BASE), Rebuild Area	Good
431-1	- BLDG 431, (CVBP), Technology Ave	Good
508-B	- BLDG 508, (CVBP), Coffey Ave.	Good
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Good
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Good

PUMP STATION LOCATION AND ELECTRIC METERING

Pump Station Number	LOCATION	BLDG/PIT/ CAN	ELECTRIC METERED
3311	- BLDG 3311 (POST 2), Georgia Ave.	Pit	NO
49	- BLDG 49 (CVBP), Innovation Way	Bldg	YES
190	- BLDG 47 (CVBP), Arkansas Ave	Pit	YES
233	- BLDG 233 (CVBP), Wisconsin Ave.	Pit	NO
352	- BLDG 352, (BASE), Rebuild Area	Bldg	NO
370	- BLDG 370, (BASE), Rebuild Area	Pit	NO
431-1	- BLDG 431, (CVBP), Technology Ave	Pit	NO
508-B	- BLDG 508, (CVBP), Coffey Ave.	Pit	YES
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Can	YES
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Pit	YES





2020 Municipal Waste Load Management Report

Weekly PS Run Times:

week	190		49		352		370		3311		CDC		233		431-1		508B		641	
	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	pump 1	pump 2	
1/4/2020	1.100	1.000	0.400	0.400	0.340	0.350	0.380	0.670	0.000	0.090	0.100	5.770	0.870	0.100	1.100	1.786	1.976	2.800	3.200	
1/11/2020	1.700	1.700	0.500	0.500	0.530	0.570	0.570	1.260	0.000	0.190	0.190	6.180	1.300	0.000	0.100	4.585	4.724	3.900	4.400	
1/18/2020																				
1/25/2020	3.900	4.000	1.200	1.200	1.430	1.500	1.920	3.930	0.400	0.350	0.370	11.900	2.740	0.100	0.100	9.837	10.364	12.700	14.100	
2/1/2020	4.100	4.300	2.100	2.100	0.720	0.700	0.990	1.780	0.000	0.230	0.210	6.650	1.930	0.100	0.100	7.372	7.857	10.100	11.100	
2/8/2020	1.500	1.700	0.500	0.500	0.650	0.780	1.050	1.910	0.000	0.220	0.220	8.350	1.590	0.000	0.100	6.682	7.106	9.100	10.000	
2/15/2020	3.200	3.300	2.300	2.300	0.860	1.220	1.450	2.870	0.100	0.230	0.230	7.530	1.320	0.000	0.000	9.553	9.835	8.800	9.600	
2/22/2020	2.000	2.100	0.700	0.700	0.660	0.300	1.090	1.490	0.200	0.160	0.160	6.740	1.780	0.100	0.100	7.956	8.498	6.800	7.600	
2/29/2020	1.300	1.300	0.400	0.700	0.580	0.570	0.790	1.740	0.100	0.160	0.160	5.570	1.420	0.000	0.000	1.856	1.866	4.800	5.300	
3/7/2020	1.300	1.400	0.400	0.400	0.730	0.980	0.940	1.930	0.300	0.220	0.220	6.860	1.590	0.100	0.100	1.625	1.650	5.500	6.100	
3/14/2020	1.700	1.900	1.000	1.000	0.680	0.450	1.220	2.070	0.100	0.200	0.200	6.220	1.760	0.000	0.100	2.366	2.431	8.500	9.700	
3/21/2020	1.300	1.500	0.400	0.400	0.690	0.620	0.950	1.890	0.200	0.220	0.200	5.030	1.700	0.100	0.100	1.558	1.691	4.600	5.200	
3/28/2020	2.300	2.600	1.700	2.000	0.800	0.780	1.200	2.020	0.200	0.230	0.230	5.740	1.400	0.000	0.100	7.070	7.390	7.100	7.900	
4/4/2020	3.900	4.300	2.700	2.700	0.910	0.880	1.490	3.100	0.100	0.190	0.190	5.960	1.860	0.100	0.100	9.179	9.683	9.500	10.800	
4/11/2020	1.500	1.600	1.000	0.900	0.790	0.730	1.140	2.120	0.100	0.130	0.120	4.260	2.020	0.000	0.000	7.966	8.397	18.300	20.500	
4/18/2020	1.500	1.700	1.200	1.300	0.680	0.690	0.460	0.750	0.100	0.120	0.130	3.780	1.640	0.000	0.100	2.590	2.581	5.700	6.400	
4/25/2020	2.000	2.000	1.000	0.900	0.830	0.920	1.500	2.870	0.100	0.090	0.090	5.230	1.980	0.100	0.100	7.806	8.527	6.500	7.400	
5/2/2020	2.000	2.000	1.100	1.100	0.840	0.760	1.170	1.740	0.000	0.120	0.130	5.230	1.550	0.000	0.100	4.703	4.932	8.900	9.800	
5/9/2020	5.100	4.900	2.700	2.700	1.020	0.990	1.640	3.090	0.000	0.110	0.130	4.350	2.690	0.100	0.000	16.319	16.927	59.800	64.600	
5/16/2020	1.400	1.400	0.700	0.700	0.780	0.700	1.090	1.950	0.100	0.180	0.160	4.910	2.060	0.000	0.100	6.535	6.861	56.700	62.000	
5/23/2020	1.100	1.000	0.300	0.000	0.000	0.000	1.110	1.850	0.000	0.160	0.150	3.870	1.720	0.100	0.100	1.985	1.931	18.900	20.800	
5/30/2020	1.000	1.000	0.700	0.000	0.000	0.000	0.960	1.820	0.100	0.150	0.160	1.920	1.600	0.000	0.100	1.429	1.501	5.100	5.800	
6/6/2020	0.600	0.600	0.500	0.500	0.000	0.000	1.140	2.900	0.000	0.130	0.120	1.310	1.660	0.100	0.000	1.818	1.869	3.700	4.200	
6/13/2020	1.400	1.300	0.000	0.000	2.460	2.630	0.980	1.600	0.200	0.150	0.150	2.980	1.520	0.000	0.100	3.952	4.135	5.500	6.200	
6/20/2020	1.100	1.100	0.600	0.500	0.790	0.760	1.060	1.980	0.000	0.180	0.180	3.890	2.260	0.100	0.100	3.589	3.762	5.200	5.800	
6/27/2020	1.300	1.100	0.500	0.600	0.620	0.650	1.110	2.070	0.000	0.150	0.160	1.510	2.160	0.000	0.100	3.575	3.523	4.000	4.600	
7/4/2020	1.600	1.600	0.500	0.500	0.620	0.570	1.110	1.580	0.000	0.150	0.180	1.860	1.960	0.000	0.000	6.695	7.012	4.800	5.400	
7/11/2020	0.800	0.800	0.600	0.500	0.450	1.640	0.710	1.060	0.000	0.000	0.180	1.250	1.130	0.100	0.100	3.607	3.807	4.500	5.000	
7/18/2020	1.400	1.300	0.500	0.600	0.660	0.790	1.220	1.410	0.100	0.000	0.180	3.850	1.720	0.000	0.100	2.732	2.809	5.700	6.600	
7/25/2020	1.000	1.100	0.600	0.500	0.660	0.550	1.090	1.780	0.000	0.000	0.210	4.350	1.940	0.300	0.100	1.858	2.071	4.300	5.000	
8/1/2020	1.600	1.500	0.500	0.600	0.620	0.520	0.930	1.450	0.100	0.000	0.130	3.790	1.720	0.000	0.100	3.135	3.308	5.200	5.200	
8/8/2020	1.800	1.700	0.000	0.000	0.680	0.740	1.280	1.900	0.000	0.000	0.180	5.010	2.010	0.000	0.000	4.165	4.304	8.300	7.400	
8/15/2020	1.800	1.800	1.1	1.100	0.800	0.920	1.440	1.360	0.100	0.000	0.180	4.260	2.720	0.000	0.100	8.718	9.498	6.600	5.800	
8/22/2020	0.900	0.900	0.500	0.500	0.300	2.420	0.900	1.540	0.100	0.000	0.180	6.070	1.900	0.000	0.100	1.386	1.454	4.300	3.700	
8/29/2020	1.300	1.200	0.500	0.500	1.790	1.220	1.790	2.270	0.100	0.000	0.370	7.590	2.860	0.000	0.100	2.777	2.960	6.500	5.600	
9/5/2020	0.900	0.900	0.000	0.000	0.110	2.000	0.310	0.580	0.000	0.000	0.120	3.440	0.840	0.100	0.200	3.006	2.989	3.200	2.800	
9/12/2020	2.500	2.400	4.300	4.100	1.160	2.640	1.200	1.560	0.100	0.000	0.210	5.920	1.890	0.100	0.100	7.770	8.392	5.300	4.600	
9/19/2020	0.800	0.700	0.600	0.700	2.590	2.020	0.940	1.160	0.100	0.000	0.150	9.040	4.730	0.000	0.000	3.613	3.712	3.500	3.000	
9/26/2020	0.900	0.900	0.500	0.600	0.830	0.940	1.060	1.400	0.000	0.000	0.190	6.610	2.290	0.100	0.100	3.846	3.857	3.700	3.200	
10/3/2020	1.000	1.000	0.600	0.600	0.730	0.620	1.360	1.570	0.100	0.000	0.150	6.230	1.610	0.000	0.100	5.297	5.435	3.300	2.900	
10/10/2020	1.800	1.900	0.500	0.400	0.890	1.060	1.120	2.060	0.100	0.000	0.220	8.300	2.380	0.100	0.100	7.467	7.937	5.400	4.600	
10/17/2020	0.800	0.800	0.500	0.400	2.280	1.460	0.740	1.090	0.000	0.000	0.090	10.290	5.400	0.000	0.100	4.549	4.767	3.300	2.900	
10/24/2020	1.200	1.200	0.500	0.500	0.740	1.470	1.280	1.340	0.100	0.000	0.220	5.220	1.510	0.100	0.100	3.685	3.743	3.900	3.400	
10/31/2020	1.000	0.900	0.400	0.500	0.710	0.830	1.030	1.570	0.100	0.000	0.180	5.450	1.650	0.000	0.100	2.140	2.173	3.800	3.200	
11/7/2020	2.200	2.100	0.600	0.000	0.780	0.740	1.220	1.870	0.100	0.000	0.190	5.820	1.690	0.100	0.000	12.828	12.834	5.100	4.500	
11/14/2020	0.900	0.900	0.600	0.000	0.590	0.690	1.170	1.480	0.000	0.000	0.150	5.090	1.460	0.000	0.100	5.658	5.660	3.700	3.200	
11/21/2020	1.500	1.500	0.500	0.000	1.290	0.530	1.080	1.220	0.100	0.000	0.110	3.100	1.200	0.100	0.100	16.404	16.403	4.600	4.000	
12/5/2020	1.900	1.900	0.500	0.000	0.400	0.720	1.210	1.540	0.100	0.000	0.080	6.070	1.990	0.100	0.100	15.167	15.167	4.500	4.000	
12/12/2020	1.400	1.300	0.400	0.400	0.400	0.480	0.880	1.170	0.000	0.000	0.090	5.770	1.060	0.000	0.100	21.913	21.904	3.200	2.700	
12/19/2020	1.900	1.900	0.500	0.500	0.820	0.870	1.670	2.010	0.000	0.000	0.060	8.520	1.840	0.100	0.100	12.280	12.285	4.300	3.700	
12/26/2020	1.600	1.600	0.000	0.000	0.380	0.380	0.680	0.850	0.000	0.000	0.030	4.790	0.590	0.000	0.000	9.125	8.929	2.400	2.200	
Hours	190		49		352		370		3311		CDC		233		431-1		508B		641	
Min:	0.60	0.60	0.00	0.00	0.00	0.00	0.31	0.58	0.00	0.00	0.03	1.25	0.59	0.00	0.00	1.39	1.45	2.40	2.20	
Avg:	1.68	1.69	0.80	0.75	0.79	0.91	1.10	1.76	0.08	0.09	0.17	5.39	1.88	0.05	0.10	6.07	6.27	8.12	8.55	
Max:	5.10	4.90	4.30	4.10	2.59	2.64	1.92	3.93	0.40	0.35	0.37	11.90	5.40	0.30	1.10	21.91	21.90	59.80	64.60	
Total Sum:	83.80	84.60	39.30	37.60	39.67	45.35	54.82	88.22	3.80	4.52	8.41	269.43	94.21	2.50	5.10	303.51	313.43	405.90	427.70	
total weekly flow																				
Min:	9000	9000	0	0	0	0	2790	5220	0	0	450	22500	10620	0	0	6653	6979	14400	13200	
Avg:	25140	25380	2406	2256	14281	16326	9868	15880												



Report

LEGEND

- AREA RETAINED BY ARMY
- REALIGNED AREA
- BUILDING RETAINED BY ARMY
- SANITARY SEWER MAIN WITH LINE SIZE 18" UNLESS NOTED OTHERWISE
- FORWARD MAIN WITH LINE SIZE 18" UNLESS NOTED OTHERWISE
- FORWARD MAIN WITH LINE SIZE 12" UNLESS NOTED OTHERWISE
- SANITARY SEWER MANHOLE
- FORWARD FLOW DIRECTION
- NOTE: ALL SEWER MAINS AND VENTED CLAY UNITS SHALL BE 150' MINIMUM COVER (C/C) UNLESS NOTED OTHERWISE (C/C) = COVER TO CENTERLINE

BUILDINGS SERVED BY SANITARY SEWER


- (A) SEWAGE PUMPING STATION (CELS. NO. 190) 1-100 GPM PUMPS
- (B) SEWAGE PUMPING STATION (CELS. NO. 200) 1-100 GPM PUMPS
- (C) SEWAGE PUMPING STATION (CELS. NO. 200) 2-500 GPM PUMPS
- (E) SEWAGE PUMPING STATION (CELS. NO. 1-0) 1-100 GPM PUMPS
- (F) SEWAGE PUMPING STATION (CELS. NO. 411) 1-100 GPM PUMPS
- (G) SEWAGE PUMPING STATION (CELS. NO. 331) 1-100 GPM PUMPS
- (H) SEWAGE PUMPING STATION (CELS. NO. 300) 1-100 GPM PUMPS
- (J) SEWAGE PUMPING STATION (CELS. NO. 500) 2-500 GPM PUMPS
- (N) SEWAGE PUMPING STATION (CELS. NO. 500) 2-500 GPM PUMPS
- (R) SEWAGE PUMPING STATION (CELS. NO. 1-0) 1-100 GPM PUMPS
- (Y) SEWAGE PUMPING STATION (CELS. NO. 400) 2-500 GPM PUMPS
- (43) SEWAGE PUMPING STATION
- (64) SEWAGE PUMPING STATION
- 56 SEWAGE ELECTRODES
- 33 SEWAGE ELECTRODES
- 331.2 SEWAGE ELECTRODES

SANITARY SEWER PLAN

Figure #3

May, 1997

0 500 1000 1500




SCALE TO ACCURATELY SHOW DISTANCES FOR VOLUMES

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-12

A-12 Please provide a copy of FCGA's filed DEP 2019 Chapter 94 Report.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached is a copy of FCGA's DEP 2019 Chapter 94 Report.



CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: **2019**

- Permittee is owner and/or operator of a POTW or other sewage treatment facility
 Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee

GENERAL INFORMATION

Permittee Name: Franklin County General Authority	Permit No.: PA0030597
Mailing Address: 5000 Letterkenny Rd., Suite 230	Effective Date: 01/01/2017
City, State, Zip: Chambersburg PA 17201	Expiration Date: 12/31/2021
Contact Person: Ron Artley	Renewal Due Date: 07/01/2021
Title: Operation Manager	Municipality: Greene
Phone: 717-267-6025	County: Franklin
Email: ron.artley@suez.com	Consultant Name:

CHAPTER 94 REPORT COMPONENTS

1. Attach to this report a line graph depicting the monthly average flows (expressed in MGD) for each month for the past 5 years and projecting the flows for the next 5 years. The graph must also include a line depicting the hydraulic design capacity per the WQM permit. (25 Pa. Code § 94.12(a)(1))

Check the appropriate boxes:

- Line graph for flows attached (**Attachment A**)
 DEP Chapter 94 Spreadsheet used (**Attachment B**)
 Section 1 is not applicable (report is for a collection system).

2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. (25 Pa. Code § 94.12(a)(2))

Check the appropriate boxes:

- Line graph for organic loads attached (**Attachment C**)
 DEP Chapter 94 Spreadsheet used (**Attachment B**)
 Section 2 is not applicable (report is for a collection system).

3. If the DEP Chapter 94 Spreadsheet was not used to determine projections, discuss the basis for the hydraulic and organic projections. In all cases, include a description of the time needed to expand the plant to meet the load projections, if necessary, and data used to support the projections should be included in an appendix to this report. (25 Pa. Code § 94.12(a)(3))

N/A

4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

Check the appropriate boxes:

- Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (**Attachment**)
- List summarizing each extension or project attached (**Attachment**)
- Schedules describing how each project will be completed over time and effects attached (**Attachment**)

Comments:

N/A

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

Within this system we use visual check of the collection system. In which include weekly checks of the pump station and recording of the station run hours. Also, daily influent and effluent totals are recorded.

6. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))

Check the appropriate boxes:

- System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.
- System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

Comments:

7. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))

Check the appropriate boxes:

- The collection system does not contain pump stations
 The collection system does contain pump stations (Number –)
 Discussion of condition of each pump station attached (**Attachment D**)

8. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information listed below. (25 Pa. Code § 94.12(a)(8))

- a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.
- b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.
- c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

Check the appropriate boxes:

- Industrial waste report as described in 8 a., b. and c. attached (**Attachment**)
 Industrial pretreatment report as required in an NPDES permit attached (**Attachment**)

9. Existing or Projected Overload.

Check the appropriate boxes:

- This report demonstrates an existing hydraulic overload condition.
 This report demonstrates a projected hydraulic overload condition.
 This report demonstrates an existing organic overload condition.
 This report demonstrates a projected organic overload condition.

If one or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present or projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). (25 Pa. Code § 94.12(a)(9))

- Corrective Action Plan attached (**Attachment**)

10. Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass balance of solids coming in and leaving the facility over the previous calendar year.

- Sewage Sludge Management Inventory attached (**Attachment E**)

11. For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).

Annual CSO Report attached (**Attachment**)

12. For POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been calibrated annually. (25 Pa. Code § 94.13(b))

Flow calibration report attached (**Attachment F**)

RESPONSIBLE OFFICIAL CERTIFICATION


I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Ron Artley

Name of Responsible Official

717-267-6205

Telephone No.



Signature

2-13-2020

Date

PREPARER CERTIFICATION

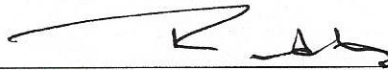
I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Ron Artley

Name of Preparer

717-267-6025

Telephone No.



Signature

2-13-2020

Date



CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT INSTRUCTIONS

This form has been developed to promote consistency in the development of annual municipal wasteload management reports ("Chapter 94 reports") required by 25 Pa. Code § 94.12. At least two copies of the complete report must be submitted to the appropriate regional office of the Department of Environmental Protection (DEP) by March 31.

Enter the calendar year that the report covers at the top of the form. Check the appropriate box to indicate whether the permittee is the owner/operator of a publicly owned treatment works (POTW) or other sewage treatment facility, or is the owner/operator of a sewage collection system that is tributary to a POTW owned/operated by a different entity.

General Information

Record the name of the permittee, the permittee's full mailing address, the permittee's contact person and this person's title, phone number and email address. Also record the permit number (NPDES or WQM), the effective date of permit coverage, the expiration date of permit coverage (if applicable), the date by which an application or NOI is due for reissuance (renewal) (if applicable), the municipality and county where the sewage treatment facility or collection system is located, and the name of the consultant (company name), if any, who assisted in the preparation of the form.

Chapter 94 Report Components

This section requests responses to 12 questions that, if applicable, must be addressed for a complete Chapter 94 report. Questions 1 – 9 and 12 come directly from the Chapter 94 regulations, i.e., 25 Pa. Code §§ 94.12(a)(1) – 94.12(a)(9) and 94.13(b). Some questions request that you check an appropriate box, attach the information requested, and specify the attachment number, while responses to other questions may be entered directly on the form.

For Questions 1 and 2, permittees may use DEP's Chapter 94 Spreadsheet to satisfy 25 Pa. Code §§ 94.12(a)(1) and 94.12(a)(2), respectively. DEP encourages use of the Chapter 94 Spreadsheet to provide consistency in the format and calculations associated with hydraulic and organic load evaluations (see www.depweb.state.pa.us/chapter94). If the Chapter 94 Spreadsheet was used, check the appropriate box(es) and attach printouts of the data and graphs to the Chapter 94 report. If this report is being used for a collection system only, these graphs are not needed.

For Question 6, if the permittee checks the box that there were capacity-related bypasses or SSOs during the report year, in general the box for existing hydraulic overload in Question 9 should be checked. If the permittee checks the box in Question 6 because surcharging occurred during the report year, in general the box for projected hydraulic overload in Question 9 should be checked.

For Question 8, if the permittee has an EPA-approved pretreatment program, attachment of an annual pretreatment report as required in an NPDES permit will satisfy the requirement for an industrial waste report.

For Question 10, if a permit requires a "Sewage Sludge Management" inventory, check the appropriate box if the inventory is attached to the Chapter 94 report.

For Question 11, if an NPDES permit (individual permit or, for satellite collection systems, PAG-06 General NPDES permit coverage) requires an Annual CSO (Status) report, attach the CSO report to the Chapter 94 report and check the appropriate box.

Certification

In accordance with 25 Pa. Code § 94.12(a), both the individual who prepared the report and (a responsible official of) the permittee must sign the report. The term "responsible official" for a municipality is a principal executive officer or ranking elected official.

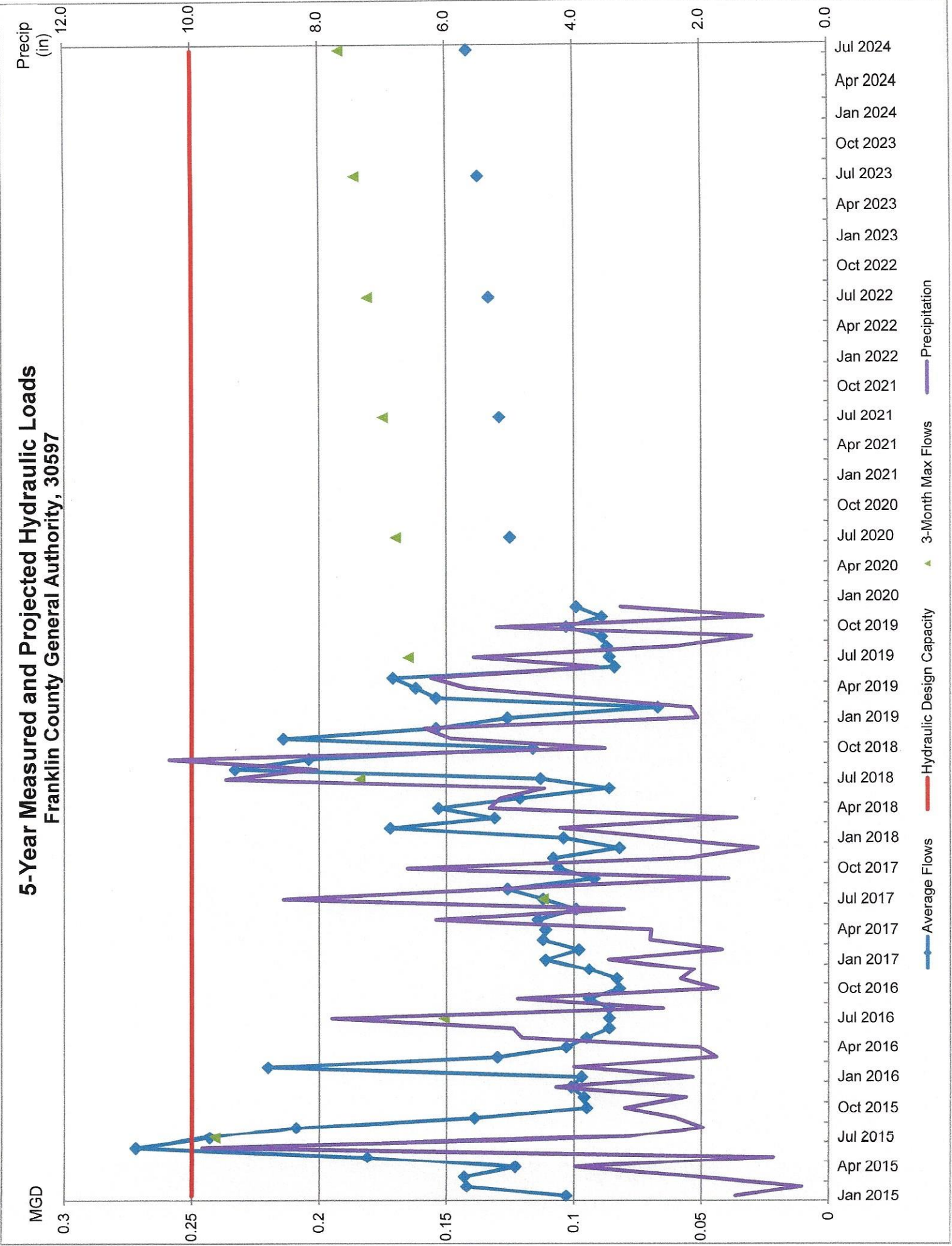
Questions on the completion of Chapter 94 reports may be directed to DEP's Bureau of Point and Non-Point Source Management at (717) 787-8184 or to the appropriate DEP regional office (contact information available by visiting DEP's website, www.depweb.state.pa.us, and selecting Regional Resources).



Ron Artley
5000 Letterkenny Road, Suite 230
Chambersburg, PA 17201
717.267.6025. phone
717.267.6027. fax
Ron.Artley@Suez.com

Attachment: A

5-Year Measured and Projected Hydraulic Loads Franklin County General Authority, 30597





Ron Artley
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Chambersburg, PA 17201
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Ron.Artley@Suez.com

Attachment: B



PADEP Chapter 94 Spread Sewage Treatment P

Reporting Year:

Persons/EDU:

lbs BOD5/day:

Year:

lbs BOD5/day:

Permit No.:

Existing Organic Design Capacity:

Upgrade Planned in Next 5 Years?

Future Organic Design Capacity:

Facility Name:

Existing Hydraulic Design Capacity: MGD

Upgrade Planned in Next 5 Years?

Future Hydraulic Design Capacity: MGD

Year:

Monthly Average BOD5 Loads for Past Five Years (lbs/day)

Month	2015	2016	2017	2018	2019
January	223	204	135	130	136
February	253	298	136	70	151
March	210	143	106	165	617
April	156	203	113	251	184
May	187	240	139	192	137
June	104	160	121	266	339
July	136	203	120	180	178
August	105	162	154	218	105
September	246	155	183	295	387
October	93	166	149	232	287
November	145	181	164	169	145
December	184	110	120	168	237

Monthly Average Flows for Past Five Years (MGD)

Month	2015	2016	2017	2018	2019
January	0.103	0.097	0.111	0.104	0.126
February	0.142	0.22	0.098	0.172	0.067
March	0.143	0.13	0.112	0.131	0.154
April	0.123	0.103	0.111	0.153	0.162
May	0.181	0.095	0.114	0.121	0.171
June	0.272	0.086	0.099	0.086	0.064
July	0.243	0.086	0.112	0.113	0.086
August	0.209	0.086	0.126	0.233	0.087
September	0.139	0.094	0.092	0.204	0.069
October	0.095	0.082	0.106	0.116	0.103
November	0.096	0.083	0.108	0.214	0.089
December	0.101	0.094	0.082	0.154	0.099

Projected BOD5 Loads for Next Five Years (lbs/day)

Year	2020	2021	2022	2023	2024
New EDUs	0	82	82	82	82
New EDU Load	0.000	6.063	6.063	6.063	6.063
Proj. Annual Avg	186	192	198	204	210
Proj. Max Avg	316	326	336	347	357
Proj. Overload?	NO	NO	NO	NO	NO

Projected Flows for Next Five Years (MGD)

Year	2020	2021	2022	2023	2024
New EDUs	0.0	82.0	82.0	82.0	82.0
New EDU Flow	0	0.0041	0.0041	0.0041	0.0041
Proj. Annual Avg	0.125	0.1291	0.1332	0.1373	0.1414
Proj. Max 3-Mo Avg	0.17	0.175	0.181	0.186	0.192
Proj. Overload?	NO	NO	NO	NO	NO

Annual Summary

Annual Avg	170	185	137	195	242
Max Mo Avg	253	298	183	295	617
Max : Avg Ratio	1.49	1.61	1.34	1.52	2.55
Existing EDUs	2,405	2,481	2,557	2,557	2,557
Load/EDU	0.071	0.075	0.053	0.076	0.095
Load/Capita	0.029	0.031	0.022	0.031	0.039
Exist. Overload?	NO	NO	NO	NO	YES

Total Monthly Precipitation for Past Five Years (Inches)

Month	2015	2016	2017	2018	2019
January	1.46	2.13	3.45	2.71	2.05
February	0.42	4.0	1.67	4.21	2.16
March	2.08	1.76	2.8	1.44	3.91
April	3.98	2.02	2.78	5.32	5.67
May	0.87	4.81	6.16	5.16	6.24
June	9.84	4.95	3.21	4.46	3.62
July	3.14	7.8	8.56	9.46	5.57
August	1.97	2.6	5.2	8.04	2.42
September	2.41	4.88	1.57	10.35	1.21
October	3.2	1.74	6.61	3.51	5.21
November	2.24	2.32	2.2	5.93	1.03
December	4.28	2.11	1.11	6.34	3.26

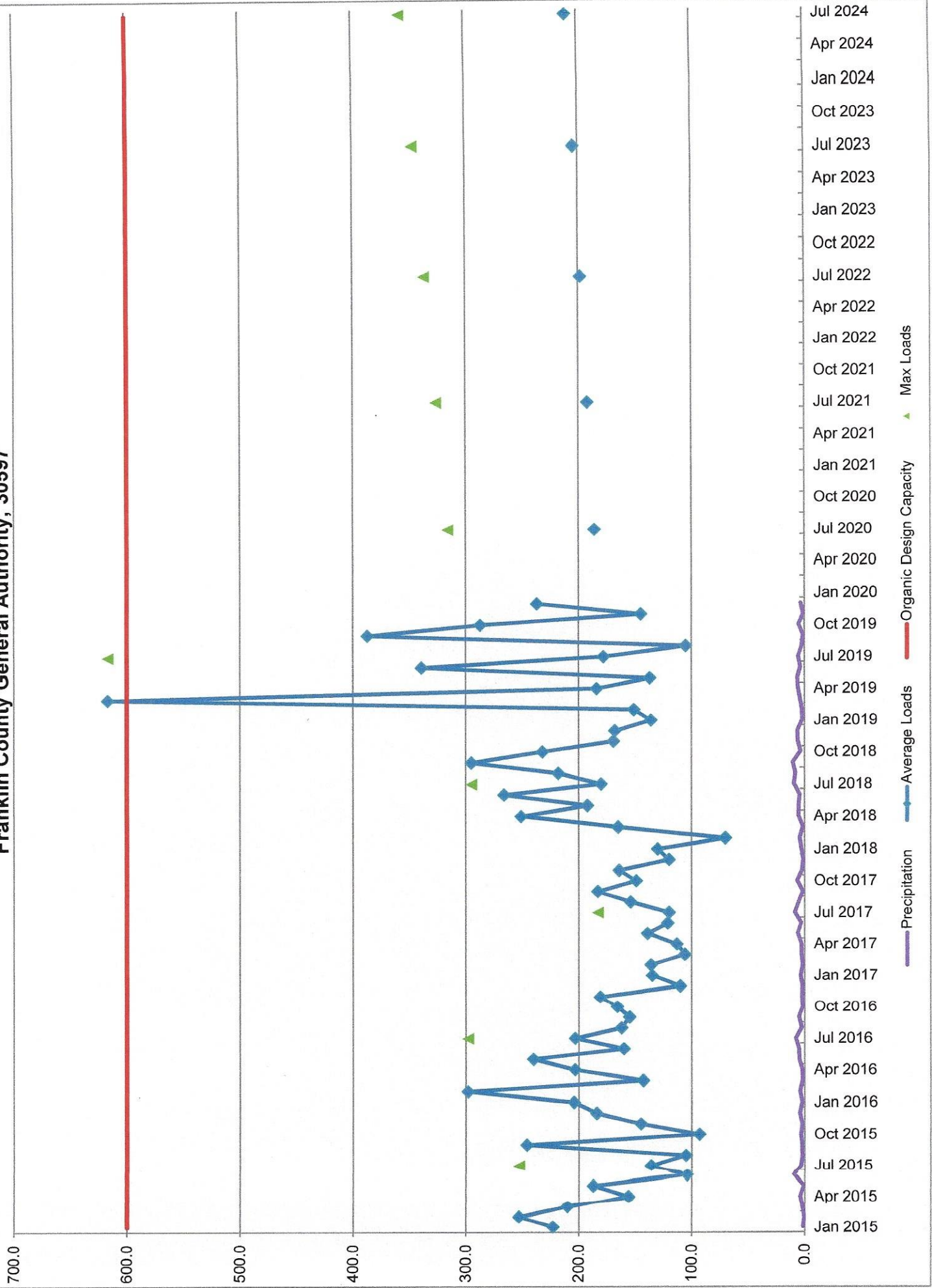
Show Precipitation Data on Hydraulic Graph?



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Attachment: C

5-Year Measured and Projected Organic Loads Franklin County General Authority, 30597





Ron Artley
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Attachment: D

PUMP STATION CALCULATED WEEKLY TOTALS			
Pump Station Number	Minimum Calculated Flow Gallons / Week	Average Calculated Flow Gallons / Week	Maximum Calculated Flow Gallons / Week
3311	-	1,008	4,800
49	-	3,117	8,100
190	-	37,095	127,500
233	13,860	84,128	303,840
352	-	17,662	83,520
370	6,660	23,871	97,650
431-1	-	948	10,800
508-B	2,957	34,859	112,738
641	19,800	212,850	709,800
CDC	-	2,984	8,850

PUMP STATION LOCATION AND ELECTRIC METERING			
Pump Station Number	LOCATION	BLDG/PIT/CAN	ELECTRIC METERED
3311	- BLDG 3311 (POST 2), Georgia Ave.	Pit	NO
49	- BLDG 49 (CVBP), Innovation Way	Bldg	YES
190	- BLDG 47 (CVBP), Arkansas Ave	Pit	YES
233	- BLDG 233 (CVBP), Wisconsin Ave.	Pit	NO
352	- BLDG 352, (BASE), Rebuild Area	Bldg	NO
370	- BLDG 370, (BASE), Rebuild Area	Pit	NO
431-1	- BLDG 431, (CVBP), Technology Ave	Pit	NO
508-B	- BLDG 508, (CVBP), Coffey Ave.	Pit	YES
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Can	YES
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Pit	YES
5800	- Guided Missile, (BASE), Guided Missile	Pit	NO

PUMP STATION LOCATION AND CONDITION		
Pump Station Number	LOCATION	Condition
3311	- BLDG 3311 (POST 2), Georgia Ave.	Good
49	- BLDG 49 (CVBP), Innovation Way	Good
190	- BLDG 47 (CVBP), Arkansas Ave	Good
233	- BLDG 233 (CVBP), Wisconsin Ave.	Good
352	- BLDG 352, (BASE), Rebuild Area	Good
370	- BLDG 370, (BASE), Rebuild Area	Good
431-1	- BLDG 431, (CVBP), Technology Ave	Good
508-B	- BLDG 508, (CVBP), Coffey Ave.	Good
641	- Corner of Pennsylvania & Carbaugh, (CVBP)	Good
CDC	- b/w Test Tank & Georgia Ave, (BASE)	Good
5800	- Guided Missile, (BASE), Guided Missile	Good



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Attachment: E

Solids Management (Sludge) Calculator

This worksheet calculates the expected sludge volume that should be produced by various treatment processes over a one-year period. Enter data into green cells - hit the Tab key to move between cells. Red cells are calculated.

Facility Name: **Franklin County General Authority** Permit No.: **PA 0030597**

Evaluation Period: **1/1/2019** to **12/31/2019**

Design Flow: **0.25** MGD Actual Annual Average Flow: **0.112** MGD

Type of Biological Treatment Process: **Conventional Activated Sludge** Treatment Factor: **0.85**

Type of Digestion Process: **Aerobic Digestion, HDT = 20** Digestion Factor: **0.7**

Total Population Served by Treatment Plant: **2,800**

Average Annual Influent BOD5 Load (per Ch. 94 Report): **241.9** lbs/day

Average Annual Influent BOD5 Load (Expected based on Population): **476.0** lbs/day (Population x 0.17)

% of Influent BOD5 Load per Ch. 94 Report / Influent Load Expected: **50.8%** (Influent Load per Ch. 94 Report / Influent Load based on Population)

Average Annual Effluent Concentration of **CBOD5**: **2.37** mg/L **Assume 2.844 mg/L BOD5**

Average Annual Pounds (lbs) of BOD5 Discharged: **2.66** lbs/day (Actual Flow x Effluent BOD5 Concentration x 8.34)

Influent BOD5 Load per Person per Day (based on Ch. 94): **0.086** (Influent BOD5 Load per Ch. 94 Report / Population - 0.17 to 0.22 is typical)

Pounds of BOD5 Removed (based on Ch. 94): **239.3** lbs/day (Influent BOD5 Load per Ch. 94 Report - BOD5 Discharged)

Pounds of BOD5 Removed (based on Population): **473.3** lbs/day (Influent BOD5 Load Expected based on Population - BOD5)

Sludge Removed from Treatment Plant (Previous Year): **7.2** Dry Tons = **14,420** Dry lbs

Sludge Production and Wasting Calculations

Based on Chapter 94 Report

X	239.3	BOD5 Removed / Day (lbs)
	0.85	Treatment Factor
X	203.37	Daily Solids Production (lbs)
	0.7	Digestion Factor
X	142.36	Daily Digested Solids (lbs)
	365	Days per Year
-	51,960	Solids Generated / Year (lbs)
	14,420	Solids Actually Wasted / Year (lbs)
	37,540	Difference (lbs)
	28%	% of Expected Volume Wasted (85 - 115% is generally acceptable)
	100.0%	Percent Solids of Wasted Solids
	6,230	Volume of Solids to Remove Annually (gallons)
-	1,729	Volume of Solids Actually Removed Annually (gallons)
	4,501	Difference (gallons)

Based on Population

X	473.3	BOD5 Removed / Day (lbs)
	0.85	Treatment Factor
X	402.34	Daily Solids Production (lbs)
	0.7	Digestion Factor
X	281.64	Daily Digested Solids (lbs)
	365	Days per Year
	102,798	Solids Generated / Year (lbs)
	14,420	Solids Actually Wasted / Year (lbs)
	88,378	Difference (lbs)
	14%	% of Expected Volume Wasted (85 - 115% is generally acceptable)
	100.0%	Percent Solids of Removed Solids
	12,326	Volume of Solids to Remove Annually (gallons)
-	1,729	Volume of Solids Actually Removed Annually (gallons)
	10,597	Difference (gallons)



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Attachment: F

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-13

A-13 In the Application at Page 13, York-WW indicated it will submit a permit transfer application to DEP for the transfer of the NPDES and Water Quality Management (WQM) Permits associated with the Wastewater System. Please provide copies of any existing DEP-issued WQM permits for the Wastewater System.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

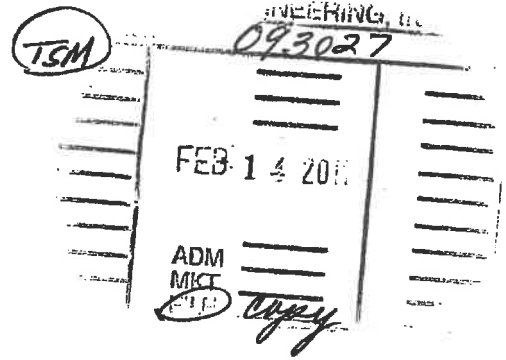
Attached is a copy of the existing WQM permit for the Wastewater system.



pennsylvania
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 WATER MANAGEMENT PROGRAM

FEB 11 2011

CERTIFIED MAIL NO. 7008 1140 0002 4797 9188



Mr. John M. Van Horn, Chairperson
 Franklin County General Authority
 5540 Coffey Avenue
 Chambersburg, PA 17201

Re: Sewage
 Sewage Treatment Plant
 WQM Part II Permit No. 2810401
 APS ID No. 29413
 Greene Township, Franklin County

Dear Mr. Van Horn:

Your permit is enclosed.

You must comply with all Standard and Special Conditions attached to this Permit. Construction must be done in accordance with the permit application and all supporting documentation. Please review the permit conditions and the supporting documentation submitted with your application before starting construction. Please note that the construction authorize by this permit may not begin until you have received your renewed NPDES permit for the discharge from your facility. The NPDES permit is currently being processed.

Enclosed is the "Sewage and Industrial Wastewater Facilities Construction Certification" form. A Pennsylvania-registered Professional Engineer must sign and complete this form prior to startup of the facilities (see Permit Conditions Relating to Sewage). You or your authorized representative must also sign the form. This certification and other post-construction documentation must be submitted to the Department within 30 days following startup of the facilities.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa. C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, PO Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on

Mr. John M. Van Horn

- 2 -

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions, please call Jay E. Pate, P.E., at 717.705.4782.

Sincerely,



Lee A. McDonnell, P.E.
Program Manager
Water Management Program

Enclosures

cc: ✓ Tammie S. Myers, P.E., Century Engineering (w/enclosure)



WATER QUALITY MANAGEMENT PERMIT

A. PERMITTEE (Name and Address):

CLIENT ID #: **119241**
**Franklin County General Authority
 5540 Coffey Avenue
 Chambersburg, PA 17201**

B. PROJECT/FACILITY (Name):

**Franklin County General Authority Sewage
 Treatment Plant Upgrade**

C. LOCATION (Municipality, County):

Greene Township, Franklin County
SITE ID #: **532837**

D. This permit approves the construction of sewerage facilities consisting of:

- **New headworks, a new package advanced biological treatment system, new effluent metering, new UV disinfection, chemical feed facilities, sludge stabilization, and sludge dewatering facilities.**

Pump Stations: _____

Design Capacity: _____ GPM

Industrial Wastewater/Sewage Treatment Facility:

Annual Average Flow: **0.250** MGDDesign Hydraulic Capacity: **0.250** MGDDesign Organic Capacity: **600** lb. BOD₅/day

E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

1. **New Permits:** All construction, operations, and procedures shall be in accordance with the Water Quality Management Permit application dated **April 30, 2010**, its supporting documentation, which are hereby made a part of this permit.
2. **Permit Conditions Relating to Sewerage** are attached and made part of this permit.
3. Special Conditions numbered **1 through 22** are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

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.*, and/or the Dam Safety and Encroachments Act of November 26, 1978, P.L. 1375, as amended, 32 P.S. § 693.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

PERMIT ISSUED:

FEB 11 2011

BY: _____


Lee A. McDonnell, P.E.

TITLE: _____

Water Management Program Manager



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE
Water Quality Management Permit No. 2810401

Franklin County General Authority – Sewage Treatment Plant

General

1. Consistent with the Department of Environmental Protection's (DEP) technical guidance document Conducting Technical Reviews of Water Quality Management Permit Wastewater Treatment Facilities, DEP ID: 362-2000-007 available on DEP's website at www.dep.state.pa.us, DEP did not conduct a detailed technical review of this application. DEP considers Ms. Tammie S. Myers, the registered 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. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.
3. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise; providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along, or across private property with full rights of ingress, egress and regress.
4. When construction of the approved sewerage 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.
5. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
6. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.
7. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to, or over any lands which belong to the Commonwealth.
8. The authority granted by this permit is subject to all effluent requirements, monitoring requirements, and other conditions as set forth in NPDES Permit No. PA 0030597 and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

9. The facilities shall be constructed under the supervision of a Pennsylvania registered Professional Engineer in accordance with the approved reports, plans, and specifications. If deviations from approved plans are anticipated during construction, DEP shall be notified verbally or in writing for a determination on whether a formal amendment of this permit will be required prior to constructing the modified facilities. Minor changes not affecting capacities, flows, operations, or sewer system alignments may be permitted without a formal amendment to this permit. "As-built drawings" shall be filed with DEP at the completion of the work.
10. A Pennsylvania registered Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the Part II application and design plans submitted to DEP, using the enclosed "Sewage and Industrial Wastewater Facilities Construction Certification." 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 facilities may not be placed into operation until the Professional Engineer completes the certification. The certification must be submitted to DEP within 30 days following startup of the facilities, along with as-built drawings, photographs (if available), and a description of any DEP-approved deviations from the application and design plans.
11. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (FBC) 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 FBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE
Water Quality Management Permit No. 2810401

Franklin County General Authority – Sewage Treatment Plant

Operation and Maintenance

12. The permittee shall maintain facility operation and maintenance (O&M) manuals at the facility and ensure proper O&M of the permitted facility. The permittee shall file the O&M manuals with DEP upon request.
13. The sewers shall have adequate foundation support, as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
14. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
15. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
16. The sewerage facilities shall be properly maintained so that the facility will perform as designed.
17. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
18. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. § 1001, et seq. shall operate the sewage treatment plant.
19. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.
20. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.
21. All connections to the approved sanitary sewers must be in accordance with the corrective action plan as contained in the approved Chapter 94 Municipal Wasteload Management Annual Report.
22. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHCENTRAL REGIONAL OFFICE
WATER MANAGEMENT PROGRAM
909 ELMERTON AVENUE
HARRISBURG, PA 17110-8200

SEWAGE AND INDUSTRIAL WASTEWATER FACILITIES
CONSTRUCTION CERTIFICATION

Permittee: Franklin County General Authority

Address: 5540 Coffey Avenue, Chambersburg, PA 17201

Municipality: Greene Township

County: Franklin

We hereby certify that the Franklin County General Authority Wastewater Treatment Plant Upgrade, approved under Part II Permit No. 2810401, Auth. ID No. 29413, has been inspected and constructed in accordance with the plans and specifications approved by the Department.

THE FOLLOWING INFORMATION MUST BE COMPLETED AND RETURNED TO THE PERMITS SECTION AT THE ABOVE ADDRESS WITHIN 30 DAYS OF COMPLETION OF THE PROJECT, ALONG WITH AS-BUILT DRAWINGS, PHOTOGRAPHS (IF AVAILABLE), AND A DISCUSSION OF ANY DEVIATIONS FROM THE DESIGN PLANS DURING CONSTRUCTION.

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

Supervising Professional Engineer:

Name: _____
(Please Print or Type)

Signature: _____

Date: _____

Title: _____

Firm or Agency: _____

Telephone: _____

Permittee's Authorized Representative:

Name: _____
(Please Print or Type)

Signature: _____

Title: _____

Telephone: _____

Principal Operator Information (For Sewage Facilities):

Name: _____
(Please Print or Type)

Certification Number (if applicable): _____

Class: _____

Type: _____

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-14

A-14 In the Application at Pages 11-12 York-WW indicated it intends to change the rates charged to customers within the requested service territory. Please provide a comparison between York-WW's proposed rates and the rates currently charged to customers within the requested service territory, by customer class. This comparison must quantify any increase or decrease in customer bills that will result from York-WW's adopting billing units (i.e., EDUs or other measurements used to determine customer charges, volumetric usage rate blocks or other measurements used to determine volumetric charges, billing frequencies, etc.) that differ from the Seller's billing units.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

LIDA/FCGA currently charge the commercial and industrial customers served by the wastewater system a quarterly rate of \$20 per 1,000 gallons. York Water proposes to charge those customers a fixed customer charge of \$111.85 plus \$15.44 per 1,000 gallons over \$10,500 gallons per month. There are no residential customers currently served by the LIDA/FCGA wastewater system.

Please see **Attachment 1**, which is a spreadsheet comparing the current wastewater rates to the proposed wastewater rates for the Letterkenny Army Depot wastewater service connections, and **Attachment 2**, which is a spreadsheet comparing the current wastewater rates to the proposed wastewater rates for the other wastewater service connections.

As seen in those spreadsheets, the Company estimates that the proposed wastewater rates will produce overall wastewater revenues that are roughly equivalent to the revenues produced by LIDA/FCGA's current rates. Further, as shown in Attachments 1 and 2, individual customers' wastewater bills may have been higher or lower under the proposed wastewater rates. Nevertheless, the customers' actual bills, and York Water's resulting wastewater revenue, will depend ultimately on the amount of water the customers consume.

For additional support for the Company's proposed wastewater rates, please see the Company's answer to Discovery A-15.

US Army - Letterkenny Army Depot
 Comparison of Current Rates vs. Proposed YWC Rates
 Based on available consumption data from 2021.

Customer		Avg Monthly Flow	Current Rate @ \$20/1000 gal		Applying SYC Rate structure @111.85 per customer 10,500gal/mo. Base \$15.44/1000 over base
1		15	\$ 300.00		\$ 176.18
2		9	\$ 180.00		\$ 111.85
3		19	\$ 380.00		\$ 246.52
4		3	\$ 60.00		\$ 111.85
5		0	\$ -		\$ 111.85
6		0	\$ -		\$ 111.85
7		14	\$ 280.00		\$ 159.03
8		4	\$ 80.00		\$ 111.85
9		3	\$ 60.00		\$ 111.85
10		5	\$ 100.00		\$ 111.85
11		5	\$ 100.00		\$ 111.85
12		1	\$ 20.00		\$ 111.85
13		0	\$ -		\$ 111.85
14		1	\$ 20.00		\$ 111.85
15	Boot Sewer	44			
16	Boot Sewer	1			
17	Boot Sewer	2			
18	Boot Sewer	2			
19	Boot Sewer	1			
20	no sewer	1			
21	Boot Sewer	234			
22	Boot Sewer	0			
23	Boot Sewer	0			
24	Boot Sewer	35			
25	Boot Sewer	0			
26		1			
27	Boot Sewer	16			
28	Boot Sewer	404			
29	Boot Sewer	3			
30	Boot Sewer	2			
31	Boot Sewer	0			
32	Boot Sewer	2			
33	Boot Sewer	0			
34		1	\$ 20.00		\$ 111.85
35		0	\$ -		\$ 111.85
36		18	\$ 360.00		\$ 229.37
37		0	\$ -		\$ 111.85
38		0	\$ -		\$ 111.85
39		0	\$ -		\$ 111.85
40	no sewer	1	\$ 20.00		\$ 111.85
41		0	\$ -		\$ 111.85
42		3	\$ 60.00		\$ 111.85
43		0	\$ -		\$ 111.85
44		1	\$ 20.00		\$ 111.85
45	no sewer	0	\$ -		\$ 111.85
46		1	\$ 20.00		\$ 111.85
47		0	\$ -		\$ 111.85
48		0	\$ -		\$ 111.85
49		4	\$ 80.00		\$ 111.85
50	no sewer	3	\$ 60.00		\$ 111.85

51		0	\$ -	\$ 111.85
52		13	\$ 260.00	\$ 157.31
53		1	\$ 20.00	\$ 111.85
54		0	\$ -	\$ 111.85
55		0	\$ -	\$ 111.85
56		0	\$ -	\$ 111.85
57		0	\$ -	\$ 111.85
58		1	\$ 20.00	\$ 111.85
59		0	\$ -	\$ 111.85
60		0	\$ -	\$ 111.85
61		5	\$ 100.00	\$ 111.85
62		1	\$ 20.00	\$ 111.85
63		1	\$ 20.00	\$ 111.85
64		3	\$ 60.00	\$ 111.85
65		2	\$ 40.00	\$ 111.85
66		1	\$ 20.00	\$ 111.85
67		0	\$ -	\$ 111.85
68		5	\$ 100.00	\$ 111.85
69		2	\$ 40.00	\$ 111.85
70	Boot Sewer	0		
71	Boot Sewer	0		
72	Boot Sewer	0		
73	Boot Sewer	0		
74	Boot Sewer	0		
75	Boot Sewer	0		
76	Boot Sewer	#DIV/0!		
77	Boot Sewer	#DIV/0!		
78	Boot Sewer	21		
79	Boot Sewer	22		
80	Boot Sewer	17		
81	Boot Sewer	1		
82	Boot Sewer	18		
83		1	\$ 20.00	\$ 111.85
84		1	\$ 20.00	\$ 111.85
85	Not Sewer	1067		
86	Not Sewer	6		
87	Not Sewer	76		
88	Not Sewer	997		
89	Not Sewer	1758		
90	Not Sewer	103		
91	Not Sewer	1656		
92		398	\$ 7,960.00	\$ 6,094.85
93		0	\$ -	
94		65	\$ 1,300.00	\$ 953.33
Totals			\$ 12,220.00	\$ 13,385.39

Total Services Invoiced 54
 Sites noted as Boot Sewer are served by a Pump Station (352) and sewer costs are based on the hour run time for pumps.
 Site 3813 is the Rocket Rd WWTP and the sewage costs are based on DMR flows.

CONSUMPTION 1/2020 - 9/2021 (1000s gallon)

Average Gallons Per Month Invoiced Current Rate @ \$20/1000 gal Applying SYC Rate structure @ \$11.85 per customer 10,500gal/mo. Base \$15.44/1000 over base

CUSTOMER	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	21-Jan	21-Feb	21-Mar	21-Apr	21-May	21-Jun	21-Jul	21-Aug	21-Sep	Average Gallons Per Month Invoiced	Current Rate @ \$20/1000 gal	Applying SYC Rate structure @ \$11.85 per customer 10,500gal/mo. Base \$15.44/1000 over base	
1	6.5	9	6.5	1	1.5	1	1	2	1	1	1	1	2	16	1	1	1	2	2	2	2	10	3,310	\$ 60.00	\$ 111.85
2	2	4	7	4	2	6	3	2	3	2	3	2	3	1	4	4	3	9	4	4	4	3	3,571	\$ 80.00	\$ 111.85
3	6	2	28	1	3	5	3	5	3	4	5	4	4	3	5	4	17	21	6	6	6	5	6,667	\$ 140.00	\$ 111.85
4	4	4	5	4	3	4	2	4	4	4	5	4	28	2	3	4	4	6	3	3	2	2	4,905	\$ 100.00	\$ 111.85
4	3	2	3	3	3	2	2	4	2	3	3	3	2	1	3	3	6	2	2	2	2	2	2,714	\$ 60.00	\$ 111.85
4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2,000	\$ 40.00	\$ 111.85
4	7	2	8	6	5	6	3	2	4	4	1	2	2	1	3	2	3	2	3	3	3	2	3,381	\$ 60.00	\$ 111.85
5	8	12	12	7	5	4	3	7	4	5	8	6	10	4	5	5	8	8	10	10	9	9	7,143	\$ 140.00	\$ 111.85
5	19	16	18	13	12	16	20	18	9	14	20	13	23	31	19	17	12	12	15	15	14	14	16,476	\$ 320.00	\$ 204.12
6	7	7	8	7	10	7	6	10	9	30	20	20	0	18	4	4	5	4	4	4	3	3	8,714	\$ 180.00	\$ 111.85
7	1	1	2	0	1	9	1	1	0	1	1	1	1	1	1	1	2	1	2	3	3	1	1,619	\$ 40.00	\$ 111.85
8	7	8	11	8	7	7	6	11	6	7	10	7	12	7	12	9	10	12	15	15	12	12	9,476	\$ 180.00	\$ 111.85
9	3	2	3	3	3	2	2	2	3	3	2	3	2	3	1	3	2	2	3	2	2	3	2,476	\$ 40.00	\$ 111.85
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	4	4	1,143	\$ 20.00	\$ 111.85
11	1	1	1	1	1	2	1	2	2	2	2	0	4	0	1	1	0	9	1	1	0	0	1,571	\$ 40.00	\$ 111.85
12	34	36	34	28	24	27	16	29	30	25	27	31	20	9	19	21	18	24	29	29	36	36	26,000	\$ 520.00	\$ 351.17
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
14	4	4	4	4	5	4	3	5	3	5	6	3	5	3	5	4	6	7	6	6	6	6	4,667	\$ 100.00	\$ 111.85
15	2	1	2	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1,095	\$ 20.00	\$ 111.85
15	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	1	524	\$ 20.00	\$ 111.85
16	0	0	1	2	0	1	1	2	1	1	2	1	2	0	2	1	1	2	5	5	5	5	1,667	\$ 40.00	\$ 111.85
17	1	0	0	1	0	1	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	381	\$ -	\$ 111.85
17	6	6	6	5	5	5	3	6	5	5	6	3	4	4	7	6	8	8	4	4	4	4	5,238	\$ 100.00	\$ 111.85
17	115	111	134	105	97	99	63	120	81	93	109	101	76	90	105	103	117	98	98	111	111	111	101,667	\$ 2,040.00	\$ 1,519.46
18	2	3	4	9	3	3	2	7	3	4	7	5	5	2	4	3	4	3	22	22	36	36	7,286	\$ 140.00	\$ 111.85
19	0	0	0	0	0	2	0	0	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	95	\$ -	\$ 111.85
19	3	5	5	4	3	3	3	5	3	3	4	2	4	4	3	4	6	5	5	5	4	4	3,952	\$ 80.00	\$ 111.85
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
21	2	1	2	1	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1,476	\$ 20.00	\$ 111.85
22	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	190	\$ -	\$ 111.85
23	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	143	\$ -	\$ 111.85
24	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	\$ -	\$ 111.85
24	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	238	\$ -	\$ 111.85
24	0	1	0	1	0	0	0	2	0	1	1	1	0	1	1	1	0	1	1	1	1	0	619	\$ 20.00	\$ 111.85
24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	\$ -	\$ 111.85
24	1	2	1	1	0	1	1	1	1	0	1	0	2	1	1	0	1	0	1	0	1	0	810	\$ 20.00	\$ 111.85
24	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	190	\$ -	\$ 111.85
24	2	1	2	2	2	2	2	2	1	2	1	4	2	4	1	3	1	2	2	2	2	1	1,762	\$ 40.00	\$ 111.85
25	1	1	1	1	1	3	7	3	1	1	1	1	2	1	0	1	1	0	1	1	0	0	1,381	\$ 20.00	\$ 111.85
26	9	7	11	13	17	13	5	25	21	12	7	11	9	6	6	5	7	7	7	7	3	3	9,905	\$ 200.00	\$ 111.85
27	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	1	0	0	1	1	0	0	286	\$ -	\$ 111.85
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
28	4	4	5	5	4	4	3	4	3	4	4	4	7	5	7	3	4	5	5	5	5	5	4,476	\$ 80.00	\$ 111.85
28	1	0	1	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	333	\$ -	\$ 111.85
29	2	2	2	1	1	1	1	2	0	1	2	1	2	1	2	2	1	2	2	2	2	1	1,476	\$ 20.00	\$ 111.85
30	5	5	6	7	5	7	4	8	6	6	7	5	6	3	6	5	5	6	6	6	6	6	5,714	\$ 120.00	\$ 111.85
31	0	1	1	1	1	1	3	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	619	\$ 20.00	\$ 111.85
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
31	0	1	4	4	3	3	3	3	3	3	5	3	3	2	2	3	3	3	4	4	3	3	2,952	\$ 60.00	\$ 111.85
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
31	5	3	2	3	9	4	2	8	4	5	8	2	3	2	4	2	8	7	3	3	14	14	4,810	\$ 100.00	\$ 111.85
31	7	5	6	4	3	3	1	0	5	7	9	3	3	0	0	0	1	0	0	0	0	0	2,714	\$ 60.00	\$ 111.85
31	9	11	9	13	13	216	11	17	10	12	10	6	10	12	9	8	12	12	11	11	8	8	20,476	\$ 400.00	\$ 265.88
31	29	20	20	24	19	18	12	21	15	16	26	17	28	19	26	36	18	18	19	19	16	16	20,857	\$ 420.00	\$ 271.76
31	5	9	6	6	4	3	3	2	1	3	2	2	2	3	4	2	3	3	3	3	2	2	3,381	\$ 60.00	\$ 111.85
31	1	2	6	2	2	2	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	905	\$ 20.00	\$ 111.85
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
31	0	1	1	0	1	0	1	0	1	0	1	0	1	0	0	1	0	1	0	0	1	0	476	\$ -	\$ 111.85
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	\$ -	\$ 111.85
31	7	4	3	4	2	3	2	2	2	4	3	7	5	7	6	7	6	7	6	7	7	8	4,714	\$ 100.00	\$ 111.85
31	10	8	8	7	5	6	4	7	7	8	10	6	11	11	5	4	0	0	0	0	0	0	5,571	\$ 120.00	\$ 111.85
31	1	2	1	3	1	0	1	8	27	6	19	28	10	4	1	0	1	1	0	0	1	1	5,476	\$ 100.00	\$ 111.85
31	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286	\$ -	\$ 111.85
31	2	2	3	3	3	3	1	4	2	0	5	1	2	3	2	2	3	3	3	3	2	2	2,476	\$ 40.00	\$ 111.85
31	13	27	30	29	28	32	16	40	31	26	28	18	34	14	23	31	31	21	31	31	16	16	26,190	\$ 520.00	\$ 354.11
32	2	3	2	3	2	3	1	3	2	12	3	2	3	2	3	3	2	3	3	3	3	3	3,000	\$ 60.00	\$ 111.85

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-15

A-15 Please justify how York-WW's proposed rates are just and reasonable for the provision of wastewater service within the requested service territory.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

On October 20, 2021, York Water and SYC WWTP, L.P. ("SYC") filed their Joint Application at Docket Nos. A-2021-3029231 and A-2021-3039237, under which York Water would, among other things, acquire SYC's wastewater collection system.

Here, York Water's proposed wastewater rates for the LIDA/FCGA territory match the rates proposed by York Water in the SYC Joint Application. There are several reasons why York Water believes the proposed wastewater rates are just and reasonable.

First, by previously approving SYC's tariffed wastewater rates, the PUC deemed those rates to be just and reasonable.

Second, by having consistent rates in York Water's tariff, York Water will further its goal of consolidating its wastewater service rates, simplifying its wastewater service rates, and reducing any customer confusion about the Company's different wastewater service rates that apply throughout its service territory.

Third, there are benefits to having both fixed and consumption-based charges. Right now, LIDA/FCGA only charge a consumption-based charge. However, a fixed customer charge better accounts for the costs and expenses incurred by wastewater service provider standing ready to provide wastewater service to that customer at any given moment. Also, the addition of a fixed charge should produce more bill stability for the customers in the expanded service territory, as less of their wastewater bills will fluctuate depending on their water consumption.

Fourth, based on the Company's analysis (see answer to Discovery A-14), the proposed wastewater rates are projected to produce overall wastewater revenues that are roughly equivalent to the revenues produced by LIDA/FCGA's current wastewater rates.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-16

A-16 Revised Page No. 4(a), Section A and Section B of the *pro forma* tariff supplement (Pro Forma Tariff Supplement), provided as the Application’s Exhibit P, identified a reservation fee and wastewater service charge. Please provide responses for each of the following:

- a. Explain how York-WW determined the amounts for these fees;
- b. Explain how York-WW determined these fees are just and reasonable;
- c. For Section A, identify the amount of capacity nominated by the Sellers’ existing customers and explain how York-WW would notify and charge customers for exceeding their existing nominated capacity; and
- d. Confirm that customers will be charged the lesser of the metered rates at the top of Page 4(a) and the metered rates described in the “Metered Rate Basis” section on Page 4(b), or provide a revised *pro forma* tariff to clearly identify rate eligibility and applicability.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

- a. See answer to Discovery A-15.
- b. See answer to Discovery A-15.
- c. There is no established nominated capacity.
- d. York Water does not consider the commercial and industrial wastewater rates shown on Page No. 4(a) to be different from the commercial and industrial wastewater rates shown on Page No. 4(b). Both pages describe a fixed customer charge of \$111.85 per month plus a consumption charge of \$15.44 per 1,000 gallons over 10,500 gallons. Nevertheless, York Water confirms that consistent with Section 1303 of the Public

Utility Code, the Company will “compute bills under the rate most advantageous to the patron.” 66 Pa. C.S. § 1303.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-17

A-17 Please provide a copy of all studies or similar documents used to determine the Sellers' current tapping and capacity reservation fees, including any components thereof (i.e., connection fee, customer facility fee, special purpose fee, etc.).

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached are copies of the Franklin County General Authority's Act 203 of 1990 Study and a copy of a 2003 FCGA presentation on Act 57, which replaced Act 203 of 1990.

FCGA has confirmed to York Water that no additional activities on this issue have occurred since 2003.

**FRANKLIN COUNTY
GENERAL AUTHORITY**

Act 203 of 1990 Study

By
Gary D. Shambaugh
Executive Vice President
and
Scott D. Fogelsanger
Assistant Vice President

AUS CONSULTANTS
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May 1998

**FRANKLIN COUNTY
GENERAL AUTHORITY**

Act 203 of 1990 Study

Introduction

In 1990, the Pennsylvania Senate and House of Representatives passed Legislative Act 203 which embodied Municipalities and Authorities with the power to charge initial fees to homeowners and customers who desire to receive water and/or wastewater service. The fees must be fair, just, and equitable. The fees, primarily for the recovery of embedded capital, must be consistent with Act 203 of 1990 requirements and be developed on an equitable basis for all customers. Embedded capital is defined as the original costs of the fixed capital plant assets which are in place to provide utility service.

The basic concept of Act 203 of 1990 is to recover a portion of the embedded fixed capital investment from new customers. The fee(s) charged to the new customer should reflect the initial costs required to provide service, as well as, recover a portion of the embedded capacity available to provide service.

Existing customers should not be burdened by the costs of serving new customers. It should be noted and will be discussed later in this report, the only current active customer of Franklin County General Authority ("F.C.G.A." or "Authority") is the United States Army.

The Authority does not have a schedule of fees relating to the connection and tapping fee components pursuant to the provisions of Act 203 of 1990. The Board of Directors has authorized AUS Consultants to review those charges and prepare

recommendations for the implementation of connection charges, customers' facilities costs, and tapping fees incurred in serving new customers.

It is expected that all new customers connecting to either the water or wastewater systems would be commercial or industrial class customers at present. It is not anticipated that any residential class customers will be connected to either utility system.

History

The Letterkenny Army Depot historically served as the United States Army's armored vehicle maintenance facility and ammunition handling and storage depot. As a result of recent military base realignments and closures, Letterkenny Army Depot will no longer function as a vehicle maintenance facility, thus rendering a major portion of the facilities useless for military functions. Those facilities are served by a central water system including fixed capital assets, such as, a 1,000,000 GPD water treatment plant, two (2) 1,000,000 gallons covered concrete storage tanks, one (1) 300,000 gallon elevated tank, and a comprehensive water distribution system consisting of four (4), six (6), eight (8), and ten (10) inch diameter mains. In addition, a major portion of the operations is served by a 500,000 GPD wastewater treatment facility, a wastewater collection system, a wastewater package treatment plant, numerous lift stations, and approximately 9.4 miles of collection mains ranging in size from four (4) to forty-eight (48) inches. The fixed capital assets have been fully inventoried with historical costs provided by the United States Army.

Once the base realignment is complete, the United States Army will remain as a customer of both the water and wastewater systems. The ownership of both the water and wastewater systems will be conveyed to the Franklin County General Authority. Fixed

capital improvements to both the water and wastewater facilities will be required to ensure continued safe and reliable service. The investments related to the fixed capital improvements have been identified by Earth Tech, the Authority's contracted operator, and the F.C.G.A. and have been considered in this study.

Applicability of Act 203

Act 203 of 1990 was created by state government to protect embedded customers of publicly owned utility systems from the requirement of funding growth in those systems for the benefit of new customers. The cost of providing reserve capacity in a water or wastewater system is returned to embedded customers through the imposition of a tapping fee to new customers as allowed by the Act 203 legislation.

Act 203 sets forth the methodologies to utilize and the parameters of data to include in the calculations. Data to be included would be, but is not limited to, the capacity of facilities, original cost of the current capacity, distribution and collection of the fixed capital assets, cost of financing, and Contributions In Aid of Construction ("CIAC"). CIAC is deducted from the historical costs and the financing of the facilities provided by or for customers. In this particular instance, the United States Army has developed the facilities and is turning the ownership of those facilities over to F.C.G.A. to operate, maintain, and to develop future customers.

The Franklin County General Authority entered into extensive negotiations with the United States Government concerning the continued operations of both the water and wastewater systems. As a result of those negotiations, equity ownership in both utility systems will be conveyed to the F.C.G.A. with the express purpose of continued service

to the U.S. Army. F.C.G.A. will be responsible for all current and future liabilities associated with each utility system.

An initial review of the transfer of ownership could be interrupted as a transfer of assets at zero (0) cost. The assets could be further interrupted as a "Contribution-In-Aid-of-Construction" (CIAC) from the U.S. Army. This is simply not true. During the negotiation process, the U.S. Army expressed a desire to convey ownership of the utilities to the F.C.G.A. in lieu of privatization. The U.S. Army has the desire to have continued water and wastewater service but no longer desire to incur the cost of operation, maintenance, and long-term capital improvements. As a result of those extensive negotiations, F.C.G.A. acquired the equity ownership of the utility systems. This transaction can not be considered a contribution of capital when present and future liabilities, as well as, other considerations have been part of the overall base realignment agreements and the conveyance of ownership in both utilities.

AUS Consultants represents several investor-owned and Pennsylvania Public Utility Commission (Pa. P.U.C.) regulated water and wastewater utilities that acquired utility assets from the U.S. Government. Those transactions were similar in nature to the situation addressed in this report. In proceedings before the Pa. P.U.C. those transactions have been included as equity for rate making purposes. From a regulatory standpoint, the transfer of an equity ownership in a utility would not be considered a Contribution-In-Aid-of-Construction.

Military base re-alignments and closures create financial hardships for communities whose residents were employed by the United States Government. The F.C.G.A. was

created to promote commercial and industrial development for the area to soften the economic impact to the communities as a result of the base re-alignment to the Letterkenny Army Depot. Long-term benefits to be gained by the success of the Authority will be experienced by the citizens and residents of the area, the United States Army, and all taxpayers.

The conveyance of ownership of the utilities to the F.C.G.A. continues to be such an unusual occurrence that the circumstances surrounding the change in ownership could never have been considered in the development of Act 203 of 1990. Some of those circumstances are, but not limited to, the following:

- There are no existing customers to protect other than the United States Army,
- The United States Army would incur tremendous costs to continue the utility operations for their limited utilization, therefore, incurring additional expenditures of taxpayer dollars that can be eliminated with industrial development and proper funding of the utilities,
- Historical costs of the facilities were financed by taxpayer dollars,
- F.C.G.A. has to generate revenues to replace capacity utilized by new customers in order to secure and maintain long-term viability,
- An allocation of existing capacity to new customers at levels less than historical costs does not meet the test of fair and equitable charges to all customers. The lack of capacity generated revenues will financially hinder the long-term financial capabilities of both utility systems.

AUS Consultants has established the historical cost of financing the fixed capital assets at \$0 based upon the United States Government's military policy of budgeting on a cash basis, it is unlikely that any improvement to either the water or wastewater systems were financed with long-term debt.

Therefore, this study will embrace the Act 203 concepts with minor exceptions as discussed previously in this report.

There are three (3) major cost components that are addressed in Act 203 of 1990 as follows:

- Connection fee
- Customer facilities fee
- Tapping fee

Connection Fees

Connection fees are to include all costs associated with the facilities installed from the system's main to the curb. Typical installation of facilities would include a corporation, customer service line, curb stop, and valve box. The cost for facilities should include material costs, labor, equipment cost, restoration, and actual costs of administrative and general expenses incurred.

AUS Consultants would recommend implementing a connection fee by size of service. However, if administrative efforts related to the smaller services become burdensome or difficult to track, we would also suggest an average cost by service size be employed for one (1) inch and smaller water service connections to facilitate implementation, record keeping, and management of the fees.

For new customers requiring larger diameter customer water service lines and all wastewater service connections, it is proposed that the actual cost of construction, plus actual costs of administrative and general expenses, be charged to each new customer.

Customer Facilities Charge

The customer facilities charges relate to the cost of labor, materials, equipment,

restoration, and overhead required to install customer-owned facilities from the curb to the structure. If the Authority implements a policy of not installing customer-owned facilities, they will not incur any costs. It should be noted, however, that the inspection of the customer installed line is considered and included with the connection fee portion of the new service. Any installation of customer-owned facilities from the curb to the structure by the Authority should be charged at actual cost including administrative and general expenses incurred.

Tapping Fees

The tapping fee component of the overall charge is designed to recover the cost (capacity, distribution, and collection) required to serve each new customer. In order to calculate the cost of each component, the following minimum data is required:

- The original cost of the fixed capital plant by year installed must be compiled by function,
- Contributions-in-Aid-of-Construction need to be detailed by year received and the functional plant constructed by this funding,
- The details of existing outstanding debt and the purpose for the funding,
- The system design capacity, and
- Average daily use by equivalent dwelling unit.

All minimum data requirements are available from the Authority's records with the exception of the average water usage of a typical 5/8" metered customer since the Authority currently only serves United States Army facilities. Utilization of water use data from this customer would be unreliable and would not provide a barometer of future

customers' water usage.

Schedule No. 1 of Sections 2 and 3 sets forth the basic data utilized in the tapping fee calculation as outlined above for the water and wastewater systems, respectively. Total recorded fixed capital assets at December 31, 2002 of the Authority's utility systems are as follows:

<u>Asset Function</u>	<u>Water Original Cost</u>	<u>Wastewater Original Cost</u>
Capacity	\$4,233,021	\$ 421,700
Distribution	<u>2,599,560</u>	<u>1,865,320</u>
Total	\$6,832,581	\$2,287,020

Included in these amounts are \$1,443,000 and \$647,000 of system improvements as set forth in Sections 2 and 3 for the water and wastewater systems, respectively. The system improvements have been included in Earth Tech's contracted operating budget for fiscal years 1998 through 2002. Two (2) basic methods were utilized in the tapping fee calculation, ie. historic cost plus financing and trended cost. A third methodology, Replacement Cost, was presented in this study based upon the replacement cost values provided by the Authority's engineer. Tapping fees calculated utilizing this methodology typically produced significantly higher costs by meter size than the other two (2) methodologies, if a true replacement cost analysis is performed.

Historic Cost Plus Financing

The tapping fee calculations based upon the historic costs plus current financing are contained in Sections 2 and 3, Schedule No. 3, for the respective utility systems.

The capacity and distribution assets are the basis of the tapping fee calculations under this methodology. As discussed previously, historic cost financing is not considered in the calculations for either the water or wastewater systems.

Since it is possible that the total capacity and distribution costs are not included in the fixed capital asset compilation, it is very conservative to utilize the total system design capacity. Average daily system delivery could be substituted for total system capacity under these circumstances. However, for this report all calculations will remain on a total system design capacity basis.

The cost per gallon by function for the historical cost plus financing is as follows:

<u>Function</u>	<u>Per Gallon</u>	
	<u>Water System</u>	<u>Wastewater System</u>
Capacity	\$4.2330	\$0.8434
Distribution	\$2.5996	\$3.7306

Statistical data or estimates of future customer water usage are unavailable. It would not be unreasonable to assume 350 gallons of usage per day, per customer with a 5/8" meter. This report presents the functional tapping fee calculations on a per-gallon basis and equivalent 5/8" meters for all cost approaches. In addition, it is apparent larger customer meters and service lines have the capability of a higher daily usage and demand than a 5/8" customer service line. The capacity and distribution portions of the tapping fee have been adjusted to reflect the American Water Work Association equivalent 5/8" meter ratios to appropriately reflect the higher levels of usage and demand (Schedule No. 4, Sections 2 and 3).

Trended Cost

The trended cost simply restates the embedded fixed capital costs from the original date of construction to the date of the study. To accomplish this, AUS Consultants has employed the Handy-Whitman Indexes for water systems in the North Atlantic Region by functional plant category (Schedule No. 5, Sections 2 and 3).

The trended original costs of the fixed capital assets in service were utilized in the development of the calculations of water and wastewater tapping fees. The resultant trended cost base by function was divided by the total system capacity to develop the cost per gallon of water as follows:

<u>Trended Cost Base</u>	<u>Per Gallon</u>	
	<u>Water System</u>	<u>Wastewater System</u>
Capacity	\$18,422,747	\$1,001,511
Distribution	\$ 9,712,011	\$4,196,514

As explained previously, 350 gallons per day per customer was utilized in the development of the charge for the 5/8" meter for both the water and wastewater systems.

Replacement Cost

Replacement costs by function for both the water and wastewater systems were utilized in developing the tapping fee under this methodology. Replacement costs were provided by the Authority's engineer and have been utilized by AUS Consultants without future investigation. While the replacement cost methodology is an acceptable method of calculating tapping fees, it is also the most subjective of the three (3) methods. The replacement cost method will typically produce the highest level of cost recovery and it does not reflect the current costs of placing the existing capacity and distribution costs into

service.

Summary

The summary of our detailed calculations for all three (3) components of the Act 203 charges study is contained in Schedule No. 4 (Historic Cost), in Schedule No. 6 (Trended Cost), and Schedule 11 (Replacement Cost) of Sections 2 and 3 of this report for the water and wastewater systems, respectively.

The Authority should consider adopting the historical cost approach for both the water and wastewater systems as charges applicable to new customers requesting service.

Acknowledgment

We wish to thank the Authority's staff, in particular Judith Chambers, Utilities Program Manager, for her assistance in compiling the data for this report. Without her efforts, the successful completion of this report would have been extremely difficult.

Act 57 of 2003

- Replaces Act 203 of 1990
- Requires adoption of revised fees by June 30, 2005
- Restricts tapping fee calculation to costs already incurred and capital improvements already obligated.

Purpose of tapping fees

Creates an equitable method for new customers to pay for the amount of capacity they will use.

FCGA can use the funds for any water or sewer expense, but should (and does) save to build more capacity.

Why did our fees go down?

- Capitol improvements can only be included if financing has been obtained
- Original calculation included some capital improvements not yet completed
- LIDA paid for majority of capital improvements

Water tapping fees

Current

Proposed

5/8"

2,391

1,987

1"

5,979

4,967

1.5"

11,957

9,934

2"

19,131

15,895

Sewer tapping fees

	<i>Current</i>	<i>Proposed</i>
<i>5/8"</i>	1,464	1,420
<i>1"</i>	3,661	3,550
<i>1.5"</i>	7,322	7,101
<i>2"</i>	11,715	11,361

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-18

A-18 Please explain how York-WW intends to account for or record capacity or similar fees previously paid by the Sellers' customers.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Any capacity or similar fees previously paid by the Sellers' customers are being retained by the Seller. Moreover, York Water is unaware of any existing capacity reservations. Therefore, York Water does not plan on recording in its accounts any capacity or similar fees previously paid by the Sellers' customers.

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-19

A-19 York-WW's *pro forma* tariff supplement appears to contain various changes and additions to language included in York-WW's current tariff, including changes and additions seemingly unrelated to the Application and which may affect wastewater services and rates for customers outside of York-WW's requested territory. Specifically, Pages 7 to 10(b) include changes to various York-WW tariff definitions, and Page 26 includes a new section titled Service Outside the Springfield Township and Shrewsbury Township Area. For Pages 7 to 10(b) and 26, please provide responses for each of the following:

- a. Provide the specific reasons for each change, and provide a revised *pro forma* tariff supplement that eliminates any changes that are not necessary for this Application; and
- b. For each change that would effect changes in the terms or conditions of service rendered or to be rendered to York-WW's existing customers, or that would increase or decrease bills to York-WW's existing customers, provide either of the following:
 - i. Statements pursuant to 52 Pa. Code § 53.52(a)-(c), as applicable; or
 - ii. A revised *pro forma* tariff supplement that removes or modifies tariff language in a way that prevents changes in the terms or conditions of service rendered or to be rendered to York-WW's existing customers, and that would prevent any increase or decrease in bills to York-WW's existing customers.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

- a. On October 20, 2021, York Water and SYC WWTP, L.P. ("SYC") filed their Joint Application at Docket Nos. A-2021-3029231 and A-2021-3039237, under which York Water would, among other things, acquire SYC's wastewater collection system. As part of that Joint Application, York Water proposed incorporating SYC's wastewater tariff provisions into York Water's wastewater tariff. Although that Joint Application

remains pending as of the date of this response, York Water's Pro Forma Tariff Supplement in this case was prepared so that it would be consistent with the tariff changes proposed in the SYC Joint Application proceeding. Assuming that the tariff changes proposed in SYC Joint Application are approved without modification, no change to the Pro Forma Tariff Supplement in this case is necessary. However, in case any of the tariff changes proposed in the SYC Joint Application are denied or in case the instant Application is approved before the SYC Joint Application, attached is a revised Exhibit P that removes any tariff changes that are unnecessary for the instant Application.

In light of York Water providing the revised Exhibit P that removes any tariff changes that are unnecessary for the instant Application, the Company does not believe a response to this portion of the data request is needed. York Water also clarifies that none of the proposed tariff changes in the original Exhibit P would have increased or decreased the wastewater service bills of the Company's existing wastewater customers.

THE YORK WATER COMPANY
RATES, RULES AND REGULATIONS GOVERNING
THE PROVISION OF WASTEWATER COLLECTION, TREATMENT
AND/OR DISPOSAL SERVICE TO THE PUBLIC IN
THE BOROUGHES OF EAST PROSPECT, FELTON, JACOBUS, AND WEST YORK
AND THE
TOWNSHIPS OF EAST MANCHESTER (ASBURY POINTE RESIDENTIAL SUBDIVISION),
LOWER WINDSOR, AND SHREWSBURY
IN YORK COUNTY, PENNSYLVANIA
AND THE
TOWNSHIPS OF GREENE, HAMILTON, AND LETTERKENNY (C)
IN FRANKLIN COUNTY, PENNSYLVANIA
AND THE
TOWNSHIP OF STRABAN IN ADAMS COUNTY, PENNSYLVANIA

ISSUED: xxxxxxxxxxxxxxxx

EFFECTIVE: xxxxxxxxxxxxxxxx

By: Joseph T. Hand
President and CEO
130 East Market Street
York, Pennsylvania

(C) Indicates Change



NOTICE

Filed in compliance with the order of the Pennsylvania Public Utility Commission of XXXXXXXXXXXX, at
Docket No. A-XXXX-XXXXXX.
(SEE PAGE NO. 2)

LIST OF CHANGES

This tariff supplement authorizes The York Water Company – Wastewater to begin to offer or furnish wastewater service to the public in Greene and Hamilton Townships, Franklin County, Pennsylvania, as previously served by _____, in accordance with the Pennsylvania Public Utility Commission Order at Docket No. A-XXXX-XXXXXXX, entered XXXXXXXXXXXX.

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(C) Indicates Change

Greene and Hamilton Townships and Letterkenny Township, Franklin County

(C)

Commercial and Industrial Customers

A metered rate (based on water consumption) as follows:

	Per Month	Rate
Greene and Hamilton Townships and Letterkenny Township Area Over	1st 10,500 Gals 10,500 Gals	\$111.85 \$15.44 per 1,000 Gals.

Residential Customers

A metered rate (based on water consumption) as follows:

	Per Month	Rate
Greene and Hamilton Township and Letterkenny Township Area Over	1st 4,000 Gals 4,000 Gals	\$40.00 \$5.00 per 1,000 Gals.

Section A: Reservation Fee

All Customers will be charged a reservation fee of \$10/gallon or \$3,500/EDU (1 EDU = 350 gallons/day). The minimum reservation fee is one EDU. Reservation fees are customer contribution in aid of plant construction and provision of service and are assessed on a one-time basis at the time of capacity nomination. No service will be provided, or capacity reserved, until payment of the reservation fee has been made. Where the Company determines that the Customer is utilizing more capacity than nominated, the Customer will pay an additional reservation fee equal to the utilized capacity if such capacity is available. If no such capacity is available, the Customer will reduce its usage to the level nominated or determined to be available by the Company until such time as additional capacity becomes available.

Section B: Wastewater Service Charge

Imposition of Charge: A wastewater service charge is hereby imposed upon the owner of each reserved capacity EDU, for service rendered or available to be rendered, and upon the owner of each improved property which is connected to the wastewater system, whether such use is direct or indirect, and shall be payable as provided herein.

Wastewater Service Charge Payable by Owner of Reserved Capacity EDU(s) Not Connected To Wastewater System: The wastewater service charge shall be payable by the owner of each reserved capacity EDU beginning with the earlier of the date of payment of the reservation fee or forty-five (45) days from the date indicated on the notice of availability of wastewater collection, treatment and disposal service.

For reserved capacity EDUs not actually used in the discharge of domestic sanitary wastewater during such quarter, the wastewater service charge shall consist of a fixed charge per EDU reserved of \$50 per quarter. Non-payment of such charge for 2 or more quarters shall result in loss of reserved capacity EDUs, or portion thereof, equal to the amount due and owing and customers shall be required to make such payment, plus interest at 1.5% per month, prior to connecting to the system, if such lost EDUs are not otherwise subscribed.

Wastewater Service Charge Payable by Owner of Improved Property Connected to Wastewater System: The wastewater service charge shall be payable by the owner of each improved property connected to the wastewater system commencing with the earlier of (a) the date of actual physical connection of an improved property to the wastewater system, or (b) Forty-five (45) days from the date indicated on the notice to connect.

(C) Indicates Change

Issued: XXXXXXXXXXXX

Effective: XXXXXXXXXXXX

Greene and Hamilton Townships and Letterkenny Township, Franklin County CONTINUED

(C)

The wastewater service charge applicable to any improved property connected to the wastewater system shall be calculated, imposed, and collected on the basis of EDUs reserved and metered usage as indicated below where accurate usage information is available. Where accurate usage information is not available, one of the other methods set forth below may be utilized in the sole discretion of the Company:

Metered Rate Basis:

Where accurate metered usage data is available, the wastewater service charge for customers connected to the wastewater system will be determined as follows:

Fixed Customer Charge: \$111.85 per month (includes the equivalent of one EDU of usage or 350 gallons per day applied to each monthly billing period, to be calculated as 350 times the number of days in the billing period); plus
Consumption Charge: \$15.44 per thousand gallons consumed in each month for the gallonage included in excess of the amount included in the fixed customer charge.

Calculation of Metered Consumption. Where the Customer purchases water from York Water Company, the Company will utilize York Water Company’s metered consumption as the basis for its charges. If the Customer is not served by York Water Company or if the Customer expects that its wastewater usage will differ significantly from its water usage, an approved meter (or meters) shall be installed by the Customer as directed by the Company, to meter water and/or wastewater usage as required to implement the Schedule of Rates listed herein. The meter shall be installed and kept in service so that all usage is recorded. Upon discovery of a meter interruption, the Company will issue a billing adjustment to be determined by the Company as appropriate and in its sole discretion, except as otherwise ordered by the Commission.

Where metered usage demonstrates that the owner of improved property has purchased EDU’s (and paid capacity allocation charges) representing more gallonage than is actually consumed or discharged, on average, for any consecutive twelve (12) month period, then the owner may request that the Company repurchase any such excess EDU’s. However, the Company shall be under no obligation to repurchase any EDU’s and shall do so only where demand for wastewater treatment plant capacity exceeds the then current supply. The repurchase price shall equal the lowest price paid by the owner for any EDU without discount or premium.

Flat Rate Basis:

Each owner of improved property and/or customer billed on a flat rate basis shall be charged a wastewater service charge as a specific amount per EDU applicable to such improved property, as determined by the Company, from time to time. The number of EDU’s applicable to each improved property shall be determined as follows:

Description of Improved Property	Unit of Measurement	Number of EDU’s per Unit of Measurement
Residential Dwelling (year-round or seasonal)	Each Dwelling Unit	1
Retail Store, Professional Office or other Commercial Enterprise	1 to 10 employees Each additional 10 employees or fraction thereof	1 1

(C) Indicates Change

Greene and Hamilton Townships and Letterkenny Township, Franklin County CONTINUED

(C)

Restaurant, Club, Tavern or Other Retail Food or Drink	1 to 10 customer seats Each additional 10 seats or fraction thereof	1 1
Automobile Service Station or Commercial Repair Shop	1 to 10 employees Each additional 10 employees or fraction thereof	1 1
Beauty Parlor or Barber Shop (whether or not attached to or part of a dwelling unit)	First Chair Each additional chair	1 1
Multiple Family Dwelling and Apartments	Each Dwelling Unit or Apartment	1
Any User having a Commercial Garbage Grinder (i.e., >1 hp)	Each garbage grinder Each additional garbage grinder	1 1
Laundromat	1 to 3 washing machines Each additional 3 machines or fraction thereof	1 1
Car Wash (can be in Addition to any other Facility)	1 or 2 bays Each additional bay	1 1
Educational / Institutional Establishment (including, but Not limited to Day Care Centers, Church Schools, and Health Care Facilities):		
without Cafeteria, Gym or Showers	Per each 50 persons or fraction thereof.	1
with Cafeteria, no Gym or Showers	Per each 40 persons or fraction thereof.	1
with Cafeteria and Showers	Per each 33 persons or fraction thereof.	1
Church (not including Parsonage, Kitchen or Social Hall Facilities)	Each property	1

(C) Indicates Change

Greene and Hamilton Townships and Letterkenny Township CONTINUED

(C)

Fire Company (not including Kitchen or Social Hall Facilities)	Each property	1
Social / Community Hall	Each property	1
Funeral Home	Each property	1
Post Office	Each property	1
Library	Each property	1
Industrial Establishment (no process wastewater)	1 to 10 employees or fraction thereof.	1
All other not mentioned above	To be determined by Company on a case-by-case basis	

The number of EDU's applicable to educational and institutional establishments shall be computed on the highest monthly average daily attendance of pupils (plus faculty, administrators, and staff) for the twelve (12) months preceding the date of the applicable billing period. The owners of such facilities shall be responsible for continuously advising the Company, in writing, of the number of pupils, faculty, administrators and staff in attendance, as an average daily figure, and at any other time upon written request by the Company.

The number of EDU's applicable to retail stores, professional offices and other commercial establishments shall be computed on the basis of the average number of full and part-time employees (including the owner(s) or employer(s)) for the **calendar quarter preceding the date of the quarter billing period**. The owners of such facilities upon written request shall be responsible for advising the Company, in writing, of the number of employees.

To the extent that the use of any improved property is not adequately described above, the Company may use appropriate guidelines for determining domestic sanitary wastewater flows as promulgated by the Pennsylvania Department of Environmental Protection, at 25 Pa. Code §73.17. Sewage flows, from time to time.

If the use or classification of any improved property is proposed to be changed by the owner, the owner shall notify the Company, in writing, thirty (30) days before such change is to take place, and the owner shall demonstrate to the Company that it owns sufficient EDU's to service the improved property after the proposed change. The Company shall allow no change of the use or classification, unless, in the sole discretion of the Company adequate EDU's are purchased by the owner and are allocated to the improved property.

If the use or classification of any improved property changes, within a **billing period**, the Company will prorate the wastewater service charge. The appropriate credit or additional charge will appear on the statement for the next succeeding billing period.

Flat Rate Charges: The monthly wastewater service charges for connected industrial and commercial customers shall be \$112 per EDU. The monthly wastewater service charge for connected residential customers shall be \$40 per EDU.

Estimated Rate Basis: The wastewater service charge may be based upon the Company's estimate of potable water consumed or domestic sanitary wastewater or industrial wastes discharged by any improved property in accordance with the metered rate schedule provided herein.

(C) Indicates Change

Greene and Hamilton Townships and Letterkenny Township CONTINUED

(C)

Wastewater Service Charge by Owner of Multiple Use Improved Property: In the case of multiple use improved property sharing a common connection to the wastewater system or a common structure, each such classification of improved property shall pay a separate wastewater service charge, as though it were housed in a separate structure and had a direct and separate connection to the wastewater system, computed in accordance with the provisions of this Part.

Strength of Waste Surcharge: A customer which discharges commercial or industrial wastes to the wastewater system having a B.O.D. greater than two hundred (200) milligrams per liter (mg/l), a suspended solids content greater than two hundred and forty (240) mg/l, a dissolved solids content greater than five hundred (560) mg/l, a total solids content greater than eight hundred (800) mg/l, a total phosphorus as P content greater than ten (10) mg/l or an ammonia nitrogen as N content greater than fifteen (15) mg/l, shall pay a strength of waste surcharge, computed in accordance with provisions of this Part, in addition to its applicable volume charge. The strength of the wastewater to be used for establishing the amount of this surcharge shall be determined periodically at the discretion of the Company either: by suitable sampling and analysis of such wastewaters for a consecutive three (3) day period during a time of normal business operation; or from estimates made by the Company; or from known relationships of products produced to strengths of such wastewaters for those commercial establishments and industries where such factors have been established.

In establishing such wastewater strengths for surcharge purposes by analysis, analyses shall be made in accordance with 40 CFR Part 136. The applicable surcharge will be to increase the otherwise applicable charges to the customer by the percentage by which the strength of the waste exceeds each measured parameter as set forth in this paragraph. Thus, for example, a B.O.D. of 400 mg/l will double the customer's rates. Owner and/or Customer to Provide Information to Company: The owner of any improved property and/or customer discharging wastewater into the wastewater system shall furnish to the Company all information deemed essential or appropriate by the Company for the determination of all applicable wastewater service charges and surcharges. The costs of obtaining such information shall be borne by such owner of the improved property and/or customer. In the event of the failure of the owner and/or customer to provide adequate information, the Company shall estimate the applicable wastewater service charge and surcharge based upon available information or until such time as adequate information is received. There shall be no rebate of past payment if the owner and/or customer refusal to provide such information results in overpayment.

Section C: Prohibited Infiltration/Inflow Waters Charge

The owner of an improved property who fails to repair or correct the defects causing infiltration/inflow waters to flow into the wastewater system within ninety (90) days, after having received proper notice from the Company, will be assessed a fine of one hundred dollars (\$100.00) per day, until such remedial action is completed.

Section D: Loss of Reserved Capacity EDUs to Customers Not Paying Applicable Wastewater Service Charges

Customers who reserved EDUs by paying the Reservation Fee specified in Section A of this Tariff but who fail to pay the continuing charges under Section B for two or more quarters will be deemed to have lost such reserved capacity EDUs and such reserved capacity EDUs may be made available to other customers for payment of the applicable charges. If reserved capacity EDUs are available, a customer who has been deemed to have lost reserved capacity EDUs may pay past due charges and applicable late payment charges and recover such reserved capacity EDUs that are still available.

Section E: Failure to Cleanup and Remedy Prohibited Discharges Charge

Failure of the owner of an improved property and/or customer to satisfactorily cleanup and remedy any prohibited discharge within twenty-four (24) hours will result in a fine of five hundred dollars (\$500.00) per day for each day the contamination exists. The owner and/or customer shall additionally be responsible for payment of the remedial cleanup costs, as well as any costs to or damages or losses suffered by the Company as a result of any interference in operation of the wastewater system.

(C) Indicates Change

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-20

A-20 The Application's Exhibit N indicated York-WW calculated the total annual revenue for providing service within the requested territory to be \$151,164 and indicated the total was based upon a monthly charge of \$111.85 per customer per month and a usage charge of \$15.44 per 1,000 gallons for usage over 10,500 gallons. However, for 201 customers as stated in the Application at Page 2, the calculation shown indicates a monthly charge of approximately \$62.67 per customer ($\$151,164 \div 12 \text{ months} \div 201 \text{ customers} = \62.67 per month per customer) and does not appear to account for the proposed usage charge. Please explain this discrepancy and amend the Application's Exhibit N to provide an estimate of the total annual revenue York-WW anticipates from providing wastewater service in the requested service territory.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

See the answer to Discovery A-14 for details on the projected wastewater revenues.

Attached is a revised Exhibit N. The original Exhibit N did not include the revenue component for the U.S. Army wastewater service accounts. Based on the information provided, the U.S. Army has 54 wastewater service accounts in the proposed expanded service territory. This total quantity is different than the total number of accounts stated in the LIDA/FCGA Water Application proceeding due to multiple buildings discharging portions of consumption to a single pump station. The run hours of the pump station are utilized for sewer billing purposes.

EXHIBIT "N"

Estimated Annual Revenue and Expense Figures for the Proposed, Additional Customers

Projected annual revenue is based upon a monthly charge of \$111.85 per customer per month, which covers a 10,500 gallon base usage, and a usage charge of \$15.44/1,000 gallons over the 10,500 gallon base.

Monthly Revenue – Army Depot accounts	\$ 13,385
Monthly Revenue – Non-Army Depot accounts	<u>\$ 12,597</u>
Total Projected Monthly Revenue	\$ 25,982
	<u>X 12</u>
Total Annual Revenue	\$311,784

Estimated expenses are calculated based on the Company's latest cost of service study performed with the latest rate filing effective March 1, 2019. The Company expects the expenses for the new LIDA Wastewater customers to mirror those of the current system.

O & M Expenses (35.5% of revenue)	\$110,683
Depreciation (14.2% of revenue)	44,273
General Taxes (2.1% of revenue)	6,547
Income Taxes (5.8% of revenue)	<u>18,083</u>
Total Operating Expenses	\$179,586
Operating Income	\$132,198

TUS Data Request Set 1

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DISCOVERY A-21

A-21 Please provide a copy of the most recent annual capital improvement plan provided by United Water Environmental Services, Inc., now SUEZ Environmental Services, Inc., referenced in Section 1.17 of the Amended and Restated Operation, Maintenance and Management Agreement for Water and Sewer Facilities, provided in the Application's Exhibit T.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached is a copy of the most recent annual Capital Improvement Plan provided by SUEZ.



Ron Artley
5000 Letterkenny Road
Suite 230
Chambersburg, PA 17201
717-267-6025: phone
717-267-6027: fax
Ron.Artley@Suez.com

August ??, 2020

Kip Feldman, Cindy Lawver & Bill Dann
Letterkenny Industrial Development Authority
Franklin County General Authority
5540 Coffey Avenue
Chambersburg, PA 17201

To All,

The following are a listing in order of priority of need. For each project a description and cost estimated is provided.

Project Number One: BWTP Sludge Pump Rebuild/Replace; est \$15,000.00 to \$25,000.00

BWTP Sludge Pump Rebuild/Replace: This includes rebuild/replace the inefficient working pump. To return the BWTP back to properly working condition upon need.

Project Number Two: Rebuild the two out buildings at WWTP 226; est \$15,000.00 to \$25,000.00

WWTP 2326 out buildings rebuild: This would include replacing a leaking roof with a new roof and supporting structure, with an options to replace old single plane windows with higher efficiency units. Install new doors and repaint the inside and outside of building upon installation of new roof.

Project Number Three: Replace aircraft warning lights on 558 tank; est \$2,000.00 to \$5,000.00

Replace aircraft warning lights on 558 tank; There are two major areas of concern, first shall be the area to climb the top of tank in the replacement of current traffic light bulbs. Second area will be providing safe locational identifier for aircraft.

In addition, cost was based on purchase and install of new warning lighting equipment.



Project Number Four: WWTP 2326 Equal Basin Inlet By-Pass Piping; \$10,000 to \$30,000

Currently the EQ basin at WWTP 2326 only has one inlet piping. This main staging area has air burst piping, aeration piping and three (3) pumps. This one inlet limits amount of work that would need performed.

With by-pass valve/piping install inlet flow could be directed into the surge tank allowing work to be performed without the need of pumping equipment.

Project Number Five: Updating services; est \$3000.00 per service

Currently FCGA/LIDA and Suez replaces service when a leak occurs on it. A lot of business park buildings still use old services that was installed during construction of the system back in the 1940's and 1950's.

Suez proposes to start with three to five services per year until all services and buildings are updated. This process would also help lower the number of un metered buildings and provide better water quality for sampling and regulations in the near future.

Project Number Six: est \$5000.00 per hydrant

Currently FCGA/LIDA and Suez replace fire hydrants when damaged beyond repair. This is most hydrants due to the Woods (brand of manufacturer) hydrants that were used during construction of the system back in the 1940's and 1950's. Also, benefit of this would proper height and protection of the hydrants.

Suez proposes to start with three to five hydrants per year until all hydrants are updated. The selection of replacement would be from, hydrant operations and installation location (too low to ground, too close to road) with the worst hydrants being replaced first.

Yours sincerely,

Ron C. Artley

Ron Artley

Operations Manager

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-22

A-22 Please provide a copy of any mandatory connection ordinances adopted by Letterkenny, Greene, or Hamilton Townships.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Please see **Attachments 1-3**, which are copies of the mandatory connection ordinances of Letterkenny Township, Green Township, and Hamilton Township, respectively.

LETTERKENNY TOWNSHIP
FRANKLIN COUNTY, PENNSYLVANIA

Discovery A-22 Attachment 1

COPY

ORDINANCE NO. 1-2007

AN AMENDMENT TO ORDINANCE 1980-1, OF THE BOARD OF SUPERVISORS OF LETTERKENNY TOWNSHIP REQUIRING ALL OWNERS OF IMPROVED PROPERTY LOCATED WITHIN THE LETTERKENNY TOWNSHIP ACCESSIBLE TO AND WHOSE PRINCIPAL BUILDING IS WITHIN 300 FEET FROM THE SEWER SYSTEM TO BE ACQUIRED AND TO BE CONSTRUCTED BY LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY TO CONNECT SUCH IMPROVED PROPERTY WITH AND TO USE SUCH SEWER SYSTEM.

SECTION 2.01- Amended Section

DULY ENACTED AND ORDAINED this 23rd day of January, 2007, by the Board of Supervisors of the Township of Letterkenny, Franklin County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF LETTERKENNY
Franklin County, Pennsylvania

Charles H. Myers
Charles H. Myers

Jack R. Holmes
Jack R. Holmes

Daniel B. Timmons
Daniel B. Timmons

ATTEST:

Joanna L. Wright
Secretary

(seal)

TOWNSHIP OF LETTERKENNY
Franklin County, Pennsylvania

ORDINANCE NO. 1980 - 1
Connecting to Sewage Systems

AN ORDINANCE

OF THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF LETTERKENNY, FRANKLIN COUNTY, PENNSYLVANIA, REQUIRING ALL OWNERS OF IMPROVED PROPERTY LOCATED WITHIN THIS TOWNSHIP AND ACCESSIBLE TO AND WHOSE PRINCIPAL BUILDING IS WITHIN 150 FEET FROM THE SEWER SYSTEM TO BE ACQUIRED AND TO BE CONSTRUCTED BY LETTERKENNY TOWNSHIP MUNICIPAL AUTHORITY TO CONNECT SUCH IMPROVED PROPERTY WITH AND TO USE SUCH SEWER SYSTEM; REGULATING THE MANNER OF MAKING SUCH CONNECTIONS; AUTHORIZING THIS TOWNSHIP TO MAKE CONNECTIONS AT THE COST AND EXPENSE OF ANY OWNER OF IMPROVED PROPERTY FAILING TO MAKE SUCH CONNECTION; ADOPTING CERTAIN RULES AND REGULATIONS AND PROVIDING FOR ADOPTION OF ADDITIONAL RULES AND REGULATIONS; PROHIBITING THE CONNECTION OF PRIVY VAULTS, CESSPOOLS, SINKHOLES, SEPTIC TANKS AND SIMILAR RECEPTACLES TO ANY SEWER; PROHIBITING THE MAINTENANCE OF CERTAIN RECEPTACLES AND REQUIRING ABANDONMENT THEREOF WHERE A SEWER IS AVAILABLE; SETTING FORTH RELATED MATTERS; AND PRESCRIBING PENALTIES FOR VIOLATIONS.

Amended 2007-1
300 ft

The Board of Supervisors of the Township of Letterkenny,
Franklin County, Pennsylvania, enacts and ordains as follows:

ARTICLE I
DEFINITIONS

SECTION 1.01. Unless the context specifically and clearly indicates otherwise, the meaning of terms and phrases used in this Ordinance shall be as follows:

A. "Authority" shall mean Letterkenny Township Municipal Authority, a municipality authority of the Commonwealth.

B. "Building Sewer" shall mean the extension from the sewage drainage system of any structure to the Lateral of a Sewer and shall include any existing sewer line which shall continue as part of a Building Sewer.

C. "Commonwealth" shall mean the Commonwealth of Pennsylvania.

D. "Improved Property" shall mean any property within this Township upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure Sanitary Sewage and/or Industrial Wastes shall be or may be discharged.

E. "Industrial Establishment" shall mean any Improved Property located within this Township and used or intended for use, wholly or in part, for the manufacturing, processing, cleaning, laundering or assembling of any product, commodity or article, or any other Improved Property located within this Township from which wastes, in addition to or other than Sanitary Sewage, shall be discharged.

F. "Industrial Wastes" shall mean any and all wastes discharged from an Industrial Establishment other than Sanitary Sewage.

G. "Lateral" shall mean that part of the Sewer System extending from a Sewer to the curb line or, if there shall be no curb line, to the property line or, if no such Lateral shall be provided, then "Lateral" shall mean that portion of, or place in, a Sewer which is provided for connection of any Building Sewer.

H. "Owner" shall mean any Person vested with ownership, legal or equitable, sole or partial, of any Improved Property.

I. "Person" shall mean any individual, partnership, company, association, society, trust, corporation or other group or entity.

J. "Sanitary Sewage" shall mean normal water-carried household and toilet wastes from any Improved Property, including such ground, surface or storm water as may be present.

K. "Sewer" shall mean any pipe or conduit constituting a part of the Sewer System used or usable for sewage collection purposes.

L. "Sewer System" shall mean all facilities, as of any particular time, for collecting, pumping, transporting, treating and disposing of Sanitary Sewage and/or Industrial Wastes situate in or adjacent to this Township and owned by the Authority.

M. "Street" shall mean and shall include any street, road, lane, court, cul-de-sac, alley, public way or public square.

N. "Township" shall mean the Township of Letterkenny, Franklin County, Pennsylvania, a municipal subdivision of the Commonwealth, acting by and through its Board of Supervisors or, in appropriate cases, acting by and through officials or employees empowered to so act by the Board of Supervisors.

ARTICLE II

USE OF PUBLIC SEWERS REQUIRED

SECTION 2.01. The Owner of any Improved Property accessible to and whose principal building is within ^{300 feet - Amended 2007-1} 150 feet from the Sewer System acquired or constructed by the Authority shall connect such Improved Property with and shall use such Sewer System, in such manner as may be required, within 60 days after notice to such Owner from this Township to make such connection, for the purpose of discharge of all Sanitary Sewage and Industrial Wastes from such Improved Property; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Township from time to time.

SECTION 2.02. All Sanitary Sewage and Industrial Wastes from any Improved Property, after connection of such Improved Property with a Sewer, shall be required, under Section 2.01. to be conducted into a Sewer; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Township from time to time.

SECTION 2.03. No Person shall place, shall deposit or shall permit to be placed or to be deposited upon public or private property within this Township any Sanitary Sewage or Industrial Wastes in violation of Section 2.01.

No Person shall discharge or shall permit to be discharged to any natural outlet within this Township any Sanitary Sewage or Industrial Wastes in violation of Section 2.01, except where suitable treatment has been provided which is satisfactory to this Township and appropriate state and federal agencies.

SECTION 2.04. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or shall be maintained at any time upon any Improved Property which has been connected to a Sewer or which shall be required under Section 2.01 to be connected to a Sewer.

Every such privy vault, cesspool, sinkhole, septic tank or similar receptacle in existence shall be abandoned and, at the discretion of this Township, shall be cleansed and shall be filled, at the expense of the Owner of such Improved Property, under the direction and supervision of this Township; and any such privy vault, cesspool, sinkhole, septic tank or similar receptacle not so abandoned and, if required by this Township, not cleansed and filled, shall constitute a nuisance, and such nuisance may be abated, as provided by law, at the expense of the Owner of such Improved Property.

SECTION 2.05. No privy vault, cesspool, sinkhole, septic tank or similar receptacle at any time shall be connected with a Sewer.

SECTION 2.06. The notice by this Township to make a connection to a Sewer, referred to in Section 2.01, shall consist of a copy of this Ordinance, including any amendments and/or supplements at the time in effect, or a summary of each Section hereof, and a written notification requiring the connection in accordance with the provisions of this Ordinance and specifying that such connection shall be made within 60 days after the date such notice is given or served. Such notice may be given or served at any time after a Sewer is in place which can receive and can convey Sanitary Sewage and Industrial Wastes for treatment and disposal from the particular Improved Property. Such notice shall be given or served upon the Owner in accordance with law.

ARTICLE III

BUILDING SEWERS AND CONNECTIONS

SECTION 3.01. No Person shall uncover, shall connect with, shall make any opening into or shall use, shall alter or shall disturb, in any manner, any sewer or any part of the Sewer System without first obtaining a permit from the Authority.

SECTION 3.02. All Building Sewers and connections shall conform to and be governed by the rules, regulations and specifications adopted by the Authority.

Section 3.03. Application for a permit required under Section 3.01 shall be made by the Owner of the Improved Property served or to be served or by the duly authorized agent of such Owner.

SECTION 3.04. No Person shall make or shall cause to be made a connection of any Improved Property with a Sewer until such Person shall have fulfilled each of the following conditions:

A. Such Person shall have notified the Authority of the desire and intention to connect such Improved Property to a Sewer.

B. Such Person shall have applied for and shall have obtained a permit as required by Section 3.01.

C. Such Person shall have given the Authority at least 24 hours notice of the time when such connection will be made so that the Authority may supervise and inspect the work of connection and necessary testing.

D. Such Person shall have furnished satisfactory evidence that any tapping (or connection) fee charged and imposed by the Authority against the Owner of each Improved Property who connects such Improved Property to a Sewer has been paid.

SECTION 3.05. All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer shall be borne by the Owner of the Improved Property to be connected; and such Owner shall indemnify and shall save harmless this Township and the Authority from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a Building Sewer or of connection of a Building Sewer to a Sewer.

SECTION 3.06. A Building Sewer shall be connected to a Sewer at the place designated by the Authority.

SECTION 3.07. If the Owner of any Improved Property abutting on or adjoining any Street in which a Sewer constituting part of the Sewer System is located, after 60 days notice from this Township requiring the connection of such property to the Sewer System, shall fail to connect such Improved Property, as required, this Township may make such connection and may collect from such Owner the costs and expenses thereof by a municipal claim, an action in assumpsit or such other legal proceeding as may be permitted by law.

SECTION 3.08. Every Building Sewer hereafter constructed shall meet standards of construction and conditions imposed by the Authority, duly adopted and promulgated. No Building Sewer hereafter constructed or uncovered shall be covered until it has been inspected and approved by the Authority. If any part of a Building Sewer hereafter constructed or uncovered is covered before so being inspected or approved, it shall be uncovered for inspection, at the cost and expense of the Owner of the Improved Property to be connected to a Sewer.

SECTION 3.09. Every Building Sewer of any Improved Property shall be maintained in a sanitary and safe operating condition by the Owner of such Improved Property.

SECTION 3.10. Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect all Persons from damage and injury. Any street, sidewalk and other public property disturbed in the course of installation of a Building Sewer shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a manner satisfactory to this Township.

ARTICLE IV
ENFORCEMENT

SECTION 4.01. Any Person who shall violate this Ordinance shall be liable, upon summary conviction for a first offense and upon summary conviction for each subsequent offense, to a fine of not less than \$50.00 nor more than \$100.00, together with costs of prosecution in each case. Each day that a violation shall continue shall be deemed and shall be taken to be a separate offense and shall be punishable as such.

SECTION 4.02. Fines and costs imposed under provisions of this Ordinance shall be enforceable and recoverable in the manner at the time provided by law.

ARTICLE V
EFFECTIVE DATE

SECTION 5.01. This Ordinance shall become effective in accordance with law.

ARTICLE VI

SEVERABILITY

SECTION 6.01. In the event any provision, section, sentence, clause or part of this Ordinance shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause or part of this Ordinance, it being the intent of this Township that such remainder shall be and shall remain in full force and effect.

ARTICLE VII

DECLARATION OF PURPOSE

SECTION 7.01. It is declared that enactment of this Ordinance is necessary for the protection, benefit and preservation of the health, safety and welfare of inhabitants of this Township.

ARTICLE VIII

REPEALER

SECTION 8.01. All ordinances or parts of ordinances and all resolutions or parts of resolutions which are inconsistent with this Ordinance shall be and the same expressly are repealed.

DULY ENACTED AND ORDAINED this 10th day of November, 1980, by the Board of Supervisors of the Township of Letterkenny, Franklin County, Pennsylvania, in lawful session duly assembled.

ATTEST:

TOWNSHIP OF LETTERKENNY
Franklin County, Pennsylvania

(Beverly Babb)
Secretary

By: (Ross Foust)
Chairman of the
Board of Supervisors

(SEAL)

CERTIFICATE

I, the undersigned, Secretary of the Township of Letterkenny, Franklin County, Pennsylvania (the "Township"), certify that: the foregoing is a true and correct copy of an Ordinance which duly was enacted by the Board of Supervisors of the Township, in accordance with law, at a public meeting duly held on November 10, 1980 ; said Ordinance has been certified and recorded by me, as Secretary of the Township, in the book provided for the purpose of such recording; said Ordinance, upon enactment, as aforesaid, was assigned Ordinance No. 1980 - | ; said Ordinance has been advertised as required by law; and said Ordinance has not been amended, altered or repealed, as of the date of this Certificate.

IN WITNESS WHEREOF, I set my hand and affix the official seal of the Township this 10th day of November, 1980.

Beverly Babb
Township Secretary

(SEAL)

ARTICLE II
Connections
[Adopted 11-7-1978 by Ord. No. 6-1978]

§ 67-10. Definitions.

As used in this article, the following terms shall have the meanings indicated:

AUTHORITY — Greene Township Municipal Authority, a municipality authority of the commonwealth.

BUILDING SEWER — The extension from the sewage drainage system of any structure to the lateral of a sewer.

COMMONWEALTH — The Commonwealth of Pennsylvania.

IMPROVED PROPERTY — Any property within this Township upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure sanitary sewage and/or industrial wastes shall be or may be discharged.

INDUSTRIAL ESTABLISHMENT — Any improved property located within this Township and used or intended for use, wholly or in part, for the manufacturing, processing, cleaning, laundering or assembling of any product, commodity or article, or any other improved property located within this Township, from which wastes, in addition to or other than sanitary sewage, shall be discharged.

INDUSTRIAL WASTES — Any and all wastes discharged from an industrial establishment, other than sanitary sewage.

LATERAL — That part of the sewer system extending from a sewer to the curblineline or, if there shall be no curblineline, to the property line or, if no such lateral shall be provided, then "lateral" shall mean that portion of, or place in, a sewer which is provided for connection of any building sewer.

OWNER — Any person vested with ownership, legal or equitable, sole or partial, of any improved property.

PERSON — Any individual, partnership, company, association, society, trust, corporation, municipality, municipality authority or other group or entity.

SANITARY SEWAGE — Normal water-carried household and toilet wastes from any improved property.

SEWER — Any pipe or conduit constituting a part of the sewer system used or usable for sewage collection purposes.

SEWER SYSTEM — All facilities, as of any particular time, for collecting, pumping, transmitting, treating and disposing of sanitary sewage and/or industrial wastes, situate in or adjacent to this Township and owned by the Authority.

STREET — Includes any street, road, lane, court, cul-de-sac, alley, public way or public square; and

TOWNSHIP — The Township of Greene, Franklin County, Pennsylvania, a municipal subdivision of the commonwealth, acting by and through its Board of Supervisors or, in appropriate cases, acting by and through the Authority, as its authorized representative,

or by and through its other authorized representatives.

§ 67-11. Use of public sewer required.

The owner of any improved property accessible to and whose principal building is within 150 feet from the sewer system shall connect such improved property with and shall use such sewer system, in such manner as this Township may require, within 60 days after notice to such owner from this Township to make such connection, for the purpose of discharge of all sanitary sewage and industrial wastes from such improved property; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Township, from time to time.

§ 67-12. Sewage and waste to be conducted into sewers.

All sanitary sewage and industrial wastes from any improved property, after connection of such improved property with a sewer shall be required under § 67-11, shall be conducted into a sewer; subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Township, from time to time.

§ 67-13. Prohibited discharges.

- A. No person shall place, shall deposit or shall permit to be placed or to be deposited upon public or private property within this Township any sanitary sewage or industrial wastes in violation of § 67-11.
- B. No person shall discharge or shall permit to be discharged to any natural outlet within this Township any sanitary sewage or industrial wastes in violation of § 67-11 except where suitable treatment has been provided which is satisfactory to this Township.

§ 67-14. Privy vaults and septic tanks prohibited; abandonment.

- A. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or shall be maintained at any time upon any improved property which has been connected to a sewer or which shall be required under § 67-11 to be connected to a sewer.
- B. Every such privy vault, cesspool, sinkhole, septic tank or similar receptacle in existence shall be abandoned and, at the discretion of this Township, shall be cleansed and shall be filled, at the expense of the owner of such improved property, under the direction and supervision of this Township; and any such privy vault, cesspool, sinkhole, septic tank or similar receptacle not so abandoned and, if required by this Township, not cleansed and filled, shall constitute a nuisance, and such nuisance may be abated, as provided by law, at the expense of the owner of such improved property.

§ 67-15. Prohibited sewer connections.

No privy vault, cesspool, sinkhole, septic tank or similar receptacle at any time shall be connected with a sewer.

§ 67-16. Notice of connection requirement.

The notice by this Township to make a connection to a sewer, referred to in § 67-11, shall consist of a copy of this article, including any amendments and/or supplements at the time in effect, or a summary of each section hereof, and a written or printed document requiring the connection in accordance with the provisions of this article and specifying that such connection shall be made within 60 days after the date such notice is given or served. Such notice may be given or served at any time after a sewer is in place which can receive and can convey sanitary sewage and industrial wastes for treatment and disposal from the particular improved property. Such notice shall be given or served upon the owner in accordance with law.

§ 67-17. Permit required for connection with or opening of sewers.

No person shall uncover, shall connect with, shall make any opening into or shall use, shall alter or shall disturb, in any manner, any sewer or any part of the sewer system without first obtaining a permit, in writing, from this Township.

§ 67-18. Allocation of sewer connection permits.

- A. As the Pennsylvania Department of Environmental Protection authorizes new connections to the Greene Township Municipal Authority sewer system, the newly authorized connections shall be allocated 80% to be set aside for single-family residential development, 10% to be set aside for multifamily residential development, the term “residential development” in both instances being as hereinafter defined, and 10% to be set aside for commercial development, as that term is hereinafter defined.
- B. The Greene Township Municipal Authority shall establish and maintain a list of applicants desiring a public sewer connection. A separate list shall be maintained for single-family residential development, for multifamily residential development and for commercial development.
- C. Applicants for a period of time may reserve a right to connect to the Municipal Authority’s sewer system. The reservation process shall be as follows:
 - (1) Single-family homes. The “customer,” as that term is hereinafter defined, shall make application to the Authority on a form to be provided by the Authority. The reservation and subsequent connection will be in the name of the customer applicant and only to that customer. No reservation will be issued to a developer, builder or tradesman on behalf of a buyer or customer. For purposes of this provision, a duplex residential structure shall be treated as a single-family home, and two connections shall be allowed for each duplex structure.
 - (2) Multifamily dwellings. The owner of the property on which multifamily development is proposed shall make application to the Authority on a form to be provided by the Authority. The reservation and subsequent connection will be in the name of the applicant and only to the applicant. These connections may be transferred one time from the developer/builder to the customer, as the term "customer" is herein defined. Not more than one connection may be reserved by a single applicant, and the reservation shall not be for a capacity

in excess of eight EDUs.

- (3) Commercial development. The owner of the property on which commercial development is proposed shall make application to the Authority on a form to be provided by the Authority. The reservation and subsequent connection will be in the name of the applicant and only to the applicant. These connections may be transferred one time from the developer/builder to the customer, as the term "customer" is herein defined. Not more than one connection may be reserved by a single applicant.
 - (4) Reservation for builders/developers. Builders/developers may reserve two connections for purposes of constructing spec houses. If/when one of the spec homes is sold, the builder/developer may make application to be placed on the reservation list for a new connection to replace the unit sold. This application for reservation will go to the bottom of the list. Under no circumstances may a builder/developer have more than two connections at the same time. A unit will be considered sold upon presentation of receipts for recording of a deed of transfer. If the unit being sold is 1/2 of a duplex, the unit will be considered sold upon presentation of a receipt for recording of the deed of transfer.
- D. Institutional and industrial development will be handled on an individual basis.
 - E. Recognizing that unique circumstances may arise from time to time which may justify some adjustment to the allocation procedures herein described, the Township Board of Supervisors reserves the right, on a case-by-case basis, to adjust the various allocation formulas or to make exceptions to the same to accommodate extraordinary circumstances.
 - F. Upon issuance of a permit to connect, the permit will be valid for a period not to exceed six months. Within the six-month connection period, the connection to the sewer system for the premises for which the permit was issued must be made and all required connection and related fees must be paid to the Authority. All such fees must be paid by the applicant at the time the permit to connect is issued. No fee will be charged for the reservation. If the connection is not made within the six-month connection period, the permit will be lost. Termination of the permit will be automatic, no notice required, and final. If the permit is lost in this manner, the applicant must reapply and will go to the bottom of the list of applicants desiring to reserve a connection.
 - G. No land use permit for new construction requiring a connection to the Greene Township Municipal Authority sewer system will be issued to any applicant who/which does not hold a current permit for connection to the system. In the event the permit for connection expires without connection to the Greene Township Municipal Authority sewer system, the land use permit issued in reliance on the permit will likewise be revoked on the same date the permit expires. Revocation will be automatic and without specific notice being required.
 - H. For purposes of all matters relating to the permit reservation to which this section applies, the following terms shall have the following meanings:
AVAILABLE PUBLIC SEWER CONNECTION — A connection to the Greene Township Municipal Authority sewer system authorized by the Pennsylvania

Department of Environmental Protection.

COMMERCIAL DEVELOPMENT — All commercial enterprises other than institutional or industrial.

CONNECTION — For purposes of this temporary procedure, a “connection” shall be a single EDU as defined by the regulations of the Greene Township Municipal Authority. In the case of multifamily or commercial development, a single connection may be for a capacity in excess of one EDU.

CUSTOMER — The person or persons for whom a home is being constructed who will occupy the home as their individual personal residence. Customer status shall be evidenced by a fully executed agreement of sale. This term may also describe the business owner who will own and operate the business property. It does not describe a developer, contractor or tradesman offering the property for sale.

LIMITED RESERVATION OF SEWER CONNECTION — The reservation of an available public sewer connection for a period of time not to exceed six months from the date of issuance of the permit to connect.

RESIDENTIAL DEVELOPMENT — All residential dwellings other than hotels and motels.

§ 67-19. Conditions precedent to connection.

No person shall make or shall cause to be made a connection of any improved property with a sewer until such person shall have fulfilled each of the following conditions:

- A. Such person shall have notified this Township of the desire and intention to connect such improved property to a sewer;
- B. Such person shall have applied for and shall have obtained a permit as required by § 67-17;
- C. Such person shall have given this Township at least 24 hours' notice of the time when such connection will be made so that this Township may supervise and inspect or may cause to be supervised and inspected the work of connection and necessary testing; and
- D. If applicable, such person shall have furnished satisfactory evidence to this Township that any tapping (or connection) fee which may be charged and imposed by the Authority against the owner of each improved property who connects such improved property to a sewer has been paid.

§ 67-20. Separate connections required.

Except as otherwise provided in this section, each improved property shall be connected separately and independently with a sewer through a building sewer. Grouping of more than one improved property on one building sewer shall not be permitted, except under special circumstances and for good sanitary reasons or other good cause shown, but then only after special permission of this Township, in writing, shall have been secured and only subject to such rules, regulations and conditions as may be prescribed by this Township.

§ 67-21. Costs and expenses of connection to be borne by owner; indemnification of Township and Authority.

All costs and expenses of construction of a building sewer and all costs and expenses of connection of a building sewer to a sewer shall be borne by the owner of the improved property to be connected; and such owner shall indemnify and shall save harmless this Township and the Authority from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a building sewer or of connection of a building sewer to a sewer.

§ 67-22. Manner and place of connection.

- A. A building sewer shall be connected to a sewer at the place designated by this Township or by the Authority and where, if applicable, the lateral is provided.
- B. The invert of a building sewer at the point of connection shall be at the same or a higher elevation than the invert of the sewer. A smooth, neat joint shall be made and the connection of a building sewer to the lateral shall be made secure and watertight.

§ 67-23. Failure to connect; connection by Township; collection of costs.

If the owner of any improved property located within this Township and accessible to and whose principal building is within 150 feet from the sewer system, after 60 days' notice from this Township, in accordance with § 67-11, shall fail to connect such improved property, as required, this Township may enter upon such improved property and construct such connection and may collect from such owner the costs and expenses thereof in the manner permitted by law.

§ 67-24. Continuation of existing house sewer lines.

Where an improved property, at the time connection to a sewer is required, shall be served by its own sewage disposal system or sewage disposal device, the existing house sewer line shall be broken on the structure side of such sewage disposal system or sewage disposal device and attachment shall be made, with proper fittings, to continue such house sewer line as a building sewer.

§ 67-25. Inspection and covering of building sewers.

No building sewer shall be covered until it has been inspected and approved by this Township. If any part of a building sewer is covered before so being inspected and approved, it shall be uncovered for inspection, at the cost and expense of the owner of the improved property to be connected to a sewer.

§ 67-26. Maintenance of building sewers.

Every building sewer of any improved property shall be maintained in a sanitary and safe operating condition by the owner of such improved property.

§ 67-27. Guarding of excavations.

Every excavation for a building sewer shall be guarded adequately with barricades and lights to protect all persons from damage and injury. Any street, sidewalk and other public property disturbed in the course of installation of a building sewer shall be restored, at the cost and expense of the owner of the improved property being connected, in a manner satisfactory to this Township.

§ 67-28. Failure to remedy conditions.

If any person shall fail or shall refuse, upon receipt of a notice of this Township or the Authority, in writing, to remedy any unsatisfactory condition with respect to a building sewer, within 60 days of receipt of such notice, this Township or the Authority may refuse to permit such person to discharge sanitary sewage and industrial wastes into the sewer system until such unsatisfactory condition shall have been remedied to the satisfaction of this Township and the Authority.

§ 67-29. Adoption of additional rules and regulations.

This Township reserves the right to adopt, from time to time, additional rules and regulations as it shall deem necessary and proper relating to connections with a sewer and with the sewer system, which additional rules and regulations, to the extent appropriate, shall be and shall be construed as part of this article.

§ 67-30. Violations and penalties. [Amended 3-26-2002 by Ord. No. 2002-4]

Any person who violates or permits a violation of this article shall, upon conviction in a summary proceeding brought before a District Justice under the Pennsylvania Rules of Criminal Procedure, be guilty of a summary offense and shall be punishable by a fine of not more than \$1,000, plus costs of prosecution. In default of payment thereof, the defendant may be sentenced to imprisonment for a term not exceeding 90 days. Each day or portion thereof that such violation continues or is permitted to continue shall constitute a separate offense, and each section of this article that is violated shall also constitute a separate offense.¹

§ 67-31. Administrative and enforcement powers delegated. [Amended 8-10-2010 by Ord. No. 2010-8]

- A. The Township hereby delegates to the Authority, as the Township’s agent, the power and authority to adopt and administer such rules and regulations as necessary and appropriate to implement the provisions of this chapter of the Code; provided, however, that no authority is given to change or add to or subtract from the legislative provision hereof.
- B. The Township hereby delegates to the Authority the power and authority to commence and pursue such enforcement proceedings as are necessary and appropriate under § 67-30 hereof. The delegation to the Authority hereby shall be co-existent with the power of the Township to commence and pursue such

1. Editor's Note: Original § 5.02, regarding failure to pay fines and costs, as amended 6-1-1982 by Ord. No. 1-1982, which immediately followed this section, was repealed 3-26-2002 by Ord. No. 2002-4. Such provisions are now covered by this § 67-30.

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enforcement proceedings as the Township shall determine from time to time to be necessary and appropriate.

Franklin County, Pennsylvania

ORDINANCE NO. 36

AN ORDINANCE

OF THE BOARD OF SUPERVISORS OF THE TOWNSHIP OF HAMILTON, FRANKLIN COUNTY, PENNSYLVANIA, REQUIRING ALL OWNERS OF IMPROVED PROPERTY LOCATED WITHIN THIS TOWNSHIP AND ACCESSIBLE TO AND WHOSE PRINCIPAL BUILDING IS WITHIN 150 FEET FROM THE SEWER SYSTEM TO BE ACQUIRED AND TO BE CONSTRUCTED BY HAMILTON TOWNSHIP MUNICIPAL AUTHORITY TO CONNECT SUCH IMPROVED PROPERTY WITH AND TO USE SUCH SEWER SYSTEM; REGULATING THE MANNER OF MAKING SUCH CONNECTIONS; AUTHORIZING THIS TOWNSHIP TO MAKE CONNECTIONS AT THE COST AND EXPENSE OF ANY OWNER OF IMPROVED PROPERTY FAILING TO MAKE SUCH CONNECTION; ADOPTING CERTAIN RULES AND REGULATIONS AND PROVIDING FOR ADOPTION OF ADDITIONAL RULES AND REGULATIONS; PROHIBITING THE CONNECTION OF PRIVY VAULTS, CESSPOOLS, SINKHOLES, SEPTIC TANKS AND SIMILAR RECEPTACLES TO ANY SEWER; PROHIBITING THE MAINTENANCE OF CERTAIN RECEPTACLES AND REQUIRING ABANDONMENT THEREOF WHERE A SEWER IS AVAILABLE; SETTING FORTH RELATED MATTERS; AND PRESCRIBING PENALTIES FOR VIOLATIONS.

The Board of Supervisors of the Township of Hamilton, Franklin County, Pennsylvania, enacts and ordains as follows:

ARTICLE I
DEFINITIONS

SECTION 1.01. Unless the context specifically and clearly indicates otherwise, the meaning of terms and phrases used in this Ordinance shall be as follows:

- A. "Authority" shall mean Hamilton Township Municipal Authority, a municipality of the Commonwealth.
- B. "Building Sewer" shall mean the extension from the sewage drainage system of any structure to the Lateral of a Sewer, and shall include any existing sewer line which shall continue as part of a Building Sewer.
- C. "Commonwealth" shall mean the Commonwealth of Pennsylvania.
- D. "Improved Property" shall mean any property within this Township upon which there is erected a structure intended for continuous or periodic habitation, occupancy or use by human beings or animals and from which structure Sanitary Sewage and/or Industrial Wastes shall be or may be discharged.
- E. "Industrial Establishment" shall mean any Improved Property located within this Township and used or intended for use, wholly or in part, for the manufacturing, processing, cleaning, laundering or assembling of any product, commodity or article, or any other Improved Property located within this Township, from which wastes, in addition to or other than Sanitary Sewage, shall be discharged.
- F. "Industrial Wastes" shall mean any and all wastes discharged from an Industrial Establishment, other than Sanitary Sewage.
- G. "Lateral" shall mean that part of the Sewer System extending from a Sewer to the curb line or, if there shall be no curb line, to the property line or, if no such Lateral shall be provided, then "Lateral" shall mean that portion of, or place in, a Sewer which is provided for connection of any Building Sewer.
- H. "Owner" shall mean any Person vested with ownership, legal or equitable, sole or partial, of any Improved Property.
- I. "Person" shall mean any individual, partnership, company, association, society, trust, corporation or other group or entity.
- J. "Sanitary Sewage" shall mean normal water-carried household and toilet wastes from any Improved Property, including such ground, surface or storm water as may be present.
- K. "Sewer" shall mean any pipe or conduit constituting a part of the Sewer System used or usable for sewage collection purposes.
- L. "Sewer System" shall mean all facilities, as of any particular time, for collecting, pumping, transporting, treating and disposing of Sanitary Sewage and/or Industrial Wastes, situate in or adjacent to the Township and owned by the Authority.

M. "Street" shall mean and shall include any street, road, lane, court, cul-de-sac, alley, public way or public square.

N. "Township" shall mean the Township of Hamilton, Franklin County, Pennsylvania, a municipal subdivision of the Commonwealth, acting by and through its Board of Supervisors or, in appropriate cases, acting by and through its authorized representatives.

ARTICLE II

USE OF PUBLIC SEWERS REQUIRED

SECTION 2.01. The Owner of any Improved Property accessible to and whose principal building is within 150 feet from the Sewer System shall connect such Improved Property with and shall use such Sewer System, in such manner as this Township may require, within 60 days after notice to such Owner from this Township to make such connection, for the purpose of discharge of all Sanitary Sewage and Industrial Wastes from such Improved Property; Subject, however, to such limitations and restrictions as shall be established herein or otherwise shall be established by this Township, from time to time.

SECTION 2.02. All Sanitary Sewage and Industrial Wastes from any Improved Property, after connection of such Improved Property with a Sewer shall be required under Section 2.01, shall be conducted into a Sewer; Subject, however, to such limitations and restrictions as shall be established herein otherwise shall be established by this Township, from time to time.

SECTION 2.03. No Person shall place, shall deposit or shall permit to be placed or to be deposited upon public or private property within this Township any Sanitary Sewage or Industrial Wastes in violation of Section 2.01.

No person shall discharge or shall permit to be discharged to any natural outlet within this Township any Sanitary Sewage or Industrial Wastes in violation of Section 2.01, except where suitable treatment has been provided which is satisfactory to this Township.

SECTION 2.04. No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or shall be maintained at any time upon any Improved Property which has been connected to a Sewer or which shall be required under Section 2.01 to be connected to a Sewer.

Every such privy vault, cesspool, sinkhole, septic tank or similar receptacle in existence shall be abandoned and, at the discretion of this Township, shall be cleansed and shall be filled, at the expense of the Owner of such Improved Property, under the direction and supervision of this Township; and any such privy vault, cesspool, sinkhole, septic tank or similar receptacle not so abandoned and, if required by this Township, not cleansed and filled, shall constitute a nuisance, and such nuisance may be abated, as provided by law, at the expense of the Owner of such Improved Property.

SECTION 2.05. No privy vault, cesspool, sinkhole, septic tank or similar receptacle at any time shall be connected with a Sewer.

SECTION 2.06. The notice by this Township to make a connection to a Sewer, referred to in Section 2.01, shall consist of a copy of this Ordinance, including any amendments and/or supplements at the time in effect, or a summary of each Section hereof, and a written or printed document requiring the connection in accordance with the provisions of this Ordinance and specifying that such connection shall be made within 60 days after the date such notice is given or served. Such notice may be given or served at any time after a Sewer is in place which can receive and can convey Sanitary Sewage and Industrial Wastes for treatment and disposal from the particular Improved Property. Such notice shall be given or served upon the Owner in accordance with law.

ARTICLE III

BUILDING SEWERS AND CONNECTIONS

SECTION 3.01. No Person shall uncover, shall connect with, shall make any opening into or shall use, shall alter or shall disturb, in any manner, any sewer or any part of the Sewer System without first obtaining a permit, in writing, from this Township.

SECTION 3.02. Application for a permit required under Section 3.01 shall be made by the Owner of the Improved Property served or to be served or by the duly authorized agent of such Owner.

SECTION 3.03. No Person shall make or shall cause to be made a connection of any Improved Property with a Sewer until such Person shall have fulfilled each of the following conditions:

- A. Such Person shall have notified the Secretary of this Township of the desire and intention to connect such Improved Property to a Sewer.
- B. Such Person shall have applied for and shall have obtained a permit as required by Section 3.01
- C. Such Person shall have given the Secretary of this Township at least 24 hours' notice of the time when such connection will be made so that this Township may supervise and inspect the work of connection and necessary testing.
- D. Such Person shall have furnished satisfactory evidence to the Secretary of this Township that any tapping (or connection) fee charged and imposed by the Authority against the Owner of each Improved Property who connects such Improved Property to a Sewer has been paid.

SECTION 3.04. Except as otherwise provided in this Section 3.04, each Improved Property shall be connected separately and independently with a sewer through a Building Sewer. Grouping of more than one Improved Property on one Building Sewer shall not be permitted, except under special circumstances and for good sanitary reasons or other good cause but then only after special permission of this Township, in writing, shall have been secured and only subject to such rules, regulations and conditions as may be prescribed by this Township.

SECTION 3.05. All costs and expenses of construction of a Building Sewer and all costs and expenses of connection of a Building Sewer to a Sewer shall be borne by the Owner of the Improved Property to be connected; and such Owner shall indemnify and shall save harmless this Township and the Authority from all loss or damage that may be occasioned, directly or indirectly, as a result of construction of a Building Sewer or of connection of a Building Sewer to a Sewer.

SECTION 3.06. A Building Sewer shall be connected to a Sewer at the place designated by this Township or by the Authority and where, if applicable, the Lateral is provided.

The invert of a Building Sewer at the point of connection shall be at the same or a higher elevation than the invert of the Sewer. A smooth, neat joint shall be made and the connection of a Building Sewer to the Lateral shall be made secure and watertight.

SECTION 3.07. If the Owner of any Improved Property abutting on or adjoining any Street in which a Sewer constituting part of the Sewer System is located. after 60 days' notice from this Township requiring the connection of such improved Property with a Sewer, in accordance with Section 2.01, shall fail to connect such Improved Property, as required, this Township may make such connection and may collect from such Owner the costs and expense thereof by a municipal claim, an action in assumpsit or such other legal proceeding as may be permitted by law.

ORDINANCE 36

ARTICLE IV

RULES AND REGULATIONS GOVERNING BUILDING SEWERS AND CONNECTIONS TO SEWERS

SECTION 4.01. Where an Improved Property, at the time connection to a Sewer is required, shall be served by its own sewage disposal system or sewage disposal device, and the existing sewer line between the structure and the structure side of such sewage disposal system or sewage disposal device meets standards of construction and condition imposed by this Township by regulations of this Township duly promulgated, such existing sewer line may be broken on the structure side of such sewage disposal system or sewage disposal device after the prior approval of this Township has been obtained and after the Township is duly satisfied that such existing house sewer line meets such applicable standards of construction and condition, and attachment may be made, with proper fittings, to continue such existing sewer line as a Building Sewer.

SECTION 4.02. Every Building Sewer hereafter constructed shall meet standards of construction and condition imposed by this Township by regulation of this Township duly adopted and promulgated. No Building Sewer hereafter constructed or uncovered shall be covered until it has been inspected and approved by this Township. If any part of a Building Sewer hereafter constructed or uncovered is covered before so being inspected and approved, it shall be uncovered for inspection, at the cost and expense of the Owner of the Improved Property to be connected to a Sewer.

SECTION 4.03. Every Building Sewer of any Improved Property shall be maintained in a sanitary and safe operating condition by the Owner of such Improved Property.

SECTION 4.04. Every excavation for a Building Sewer shall be guarded adequately with barricades and lights to protect all Persons from damage and injury. Any street, sidewalk and other public property disturbed in the course of installation of a Building Sewer shall be restored, at the cost and expense of the Owner of the Improved Property being connected, in a manner satisfactory to this Township.

SECTION 4.05. If any Person shall fail or shall refuse, upon receipt of a notice of this Township or the Authority, in writing, to remedy any unsatisfactory condition with respect to a Building Sewer, within 60 days of receipt of such notice, this Township may refuse to permit such Person to discharge Sanitary Sewage and Industrial Wastes into the Sewer System until such unsatisfactory condition shall have been remedied to the satisfaction of this Township.

SECTION 4.06. This Township reserves the right to adopt, from time to time, additional rules and regulations as it shall deem necessary and proper relating to connections with a Sewer and with the Sewer System, which additional rules and regulations, to the extent appropriate, shall be and shall be construed as part of this Ordinance.

ARTICLE V
ENFORCEMENT

SECTION 5.01. Any Person who shall violate this Ordinance shall be liable, upon summary conviction for a first offense and upon summary conviction for each subsequent offense, to a fine of not less than \$15.00 nor more than \$25.00, together with costs of prosecution in each case. Each day that a violation shall continue shall be deemed and shall be taken to be a separate offense and shall be punishable as such.

SECTION 5.02. Fines and costs imposed under provisions of this Ordinance shall be enforceable and recoverable in the manner at the time provided by applicable law.

ARTICLE VI
EFFECTIVE DATE

SECTION 6.01. This Ordinance shall become effective in accordance with law.

ARTICLE VII
SEVERABILITY

SECTION 7.01. In the event any provision, section, sentence, clause or part of this Ordinance shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause or part of this Ordinance, it being the intent of this Township that such remainder shall be and shall remain in full force and effect.

ARTICLE VII
DECLARATION OF PURPOSE

SECTION 8.01. It is declared that enactment of this Ordinance is necessary for the protection, benefit and preservation of the health, safety and welfare of inhabitants of this Township.

ARTICLE IX
REPEALER

SECTION 9.01. All ordinances or parts of ordinances and all resolutions or parts of resolutions which are inconsistent with this Ordinance shall be and the same expressly are repealed.

DULY ENACTED AND ORDAINED, the 7th day of December, 1971, by the Board of Supervisors of the Township of Hamilton, Franklin County, Pennsylvania, in lawful session duly assembled.

TOWNSHIP OF HAMILTON
Franklin County, Pennsylvania
By: Ralph Statler /s/
Chairman of the Board of
Supervisors

ATTEST:

James Hollenshead /s/
Secretary

(SEAL)

CERTIFICATE

I, the undersigned, Secretary of the Township of Hamilton, Franklin County, Pennsylvania, (the "Township"), certify that: the foregoing is a true and correct copy of an Ordinance which duly was enacted by the Board of Supervisors of the Township, in accordance with law, at a meeting duly held on December 7, 1971; said Ordinance has been certified and recorded by me, as Secretary of the Township, in the book provided for the purpose of such recording; said Ordinance, upon enactment, as aforesaid, was assigned Ordinance No. 36; said Ordinance has been advertised as required by law; and said Ordinance has not been amended, altered or repealed, as of the date of this Certificate.

IN WITNESS WHEREOF, I set my hand and affix the official seal of the Township this 12th day of December, 1979.

James E. Hollenshead
Township Secretary

(SEAL)

TUS Data Request Set 1

Application of The York Water Company - Wastewater for approval of the rights to: (1) acquire certain wastewater facilities from Franklin County General Authority and the Letterkenny Industrial Development Authority; and (2) begin to offer, render, furnish and supply wastewater service to the public in portions of Letterkenny, Greene, and Hamilton Townships, Franklin County, Pennsylvania, at Docket No. A-2021-3029945

DISCOVERY A-23

A-23 Please provide a copy of FCGA's current rates, rules, and regulations for wastewater service and the resolutions adopting these rates, rules, and regulations.

RESPONDENT:

Mark A Wheeler
Chief Operating Officer

RESPONSE:

Attached as **Attachment 1** is a copy of FCGA's current rates, rules and regulations for wastewater service. Attached as **Attachment 2** is a copy of the November 2020 FCGA Board Meeting minutes, where these rates, rules and regulations were adopted as a part of the 2021 budget adoption.

Franklin County General Authority
Schedule of Fees and Charges
Water System

1. Water rent (user fee): \$10.00 per thousand gallons of water
2. Connection fee: Actual cost of connection to system, including installation of lateral from main to meter, including road restoration, corporation stop, curb box, etc. as billed to FCGA by its contractor. Customer may choose to install facilities, in which case the customer shall pay the actual cost of all inspection and testing performed by the Authority.
3. Customer facilities fee: Actual cost of installing meter and other appurtenances at customer's building if requested by customer, as billed to FCGA by its contractor.
4. Tapping fee: Based on **meter** size (not line size)

<u>Meter size</u>	<u>tapping fee</u>
3/4" or 5/8"	\$ 1,987
1"	4,967
1.5"	9,934
2"	15,895
3"	29,803
4"	49,671
6"	99,343
8"	158,948
10"	228,488
12"	427,173

5. Capacity reservation fee: \$100 per EDU per year, for a maximum of three years. (not applicable at this time)
6. Application fee for water system extensions: \$500 plus actual cost of engineering and legal review as billed to FCGA by its consultants, if applicable.
7. Stand-by fire protection charge: based on line size to sprinkler system:

4" connection	\$ 45.63 per month
6" connection	\$ 91.25 per month
8" connection	\$182.50 per month
10" connection	\$273.75 per month
12" connection	\$365.00 per month
8. Hydrant Charge: same as stand-by fire protection charge, based on service line size
9. Turn on/turn off charge: \$50 each occurrence. No charge for emergency shut-off for repairs.
10. Meter testing fee: Actual cost of meter testing, including cost to remove and reinstall meter.

Revised January 1, 2021

Ralph M. Feldman III, Executive Director

**Franklin County General Authority
Schedule of Fees and Charges
Sewer System**

- 1. Sewer rent (user fee): \$20.00 per thousand gallons of water consumption
- 2. Connection fee: Actual cost of connection to system, including installation of lateral from main to building, including road restoration, clean-out, etc. as billed to FCGA by its contractor. Customer may choose to install facilities, in which case the customer shall pay the actual cost of all inspection and testing performed by the Authority.
- 3. Customer facilities fee: Actual cost of installing grinder pump or other appurtenant facilities at customer’s building if requested by customer, as billed to FCGA by its contractor.
- 4. Tapping fee: Based on **water meter** size (not line size)

<u>Meter size</u>	<u>tapping fee</u>
3/4” or 5/8”	\$ 1,420
1”	3,550
1.5”	7,101
2”	11,361
3”	21,302
4”	35,504
6”	71,008
8”	113,613
10”	163,318
12”	305,334

- 5. Capacity reservation fee: \$100 per EDU per year, for a maximum of three years. (not applicable at this time)
- 6. Application fee for sewer system extensions: \$500 plus actual cost of engineering and legal review as billed to FCGA by its consultants, if applicable.
- 7. Industrial Pretreatment: pre-treatment and monitoring, at the customer’s expense, is required for sewage with excessive organic loadings or other characteristics not typical of domestic sewage. A listing of treatment parameters is available from FCGA.

Revised January 1, 2021

Ralph M. Feldman III, Executive Director

Franklin County General Authority

Board Meeting Minutes
Wednesday, November 18, 2020
Cumberland Valley Business Park
4759 Innovation Way Conference Room

1. **Call to Order.** Chairman Foster called the November meeting of the Franklin County General Authority to order at 8:00 a.m. with the following members in attendance:

Bill Green	Ron Artley – SUEZ	Cindy Lawver – Staff
Richard Foster	Kip Feldman – Staff	Bill Dann – Staff
Charles Sioberg	Jack Benhart	

2. **Review and Approve Minutes.** On a *Benhart/Green* motion, the July 22, 2020 minutes were unanimously approved as presented.
3. **Public Comment.** There were no members of the public present. The meeting was properly advertised.
4. **Financial Report.** Cindy Lawver reviewed the June through September 2020 financial reports with the Board. On a *Sioberg/Green* motion, the reports were accepted as presented.
FCGA 2021 Proposed Budget. Cindy Lawver reviewed the proposed 2021 budget, including a 20% rate increase, with the Board. On a *Benhart/Sioberg* motion, the FCGA 2021 budget was approved as presented.
5. **SUEZ Operator’s Report.** Ron Artley, SUEZ Facilities Director, reviewed the July/August and September/October Operator’s Reports:
 1. There were 2 water leaks along GA and ME Avenues that were repaired in the July/August timeframe.
 2. In September/October there were 6 leaks that were repaired over the 2 months.
 3. The annual Roxbury dam inspection was completed and SUEZ is waiting for the final report.
 4. All plant meters were certified in October.
6. **Executive Director’s Report.** The Executive Director provided information to the Board concerning the following items:
 1. LIDA Budget – The LIDA budget was approved at their Board meeting on November 9th, which includes a fourth employee to be trained to replace Cindy and the building of a spec. building on the Oak Grove parcel across from LIDA’s old office on Coffey Avenue.
 2. The FCGA meeting scheduled for January 27, 2021 will have a zoom option available for anyone who cannot attend in person.

3. Executive Session – **On a *Sioberg/Green* motion, at 8:40 am, the Board went into an Executive Session to discuss matters of real estate negotiations.**

The Board returned to regular session at 9:10 am.

On a *Benhart/Sioberg* motion, the Board authorized the Chairman or any other officer of FCGA to execute a 180 day, confidential and exclusive, non-binding, letter of intent with an interested party for the purchase of the water and wastewater systems at the Cumberland Valley Business Park, subject to legal review.

The meeting was adjourned at 9:12 a.m.

Minutes Respectfully Submitted,

Cindy Lawver, Assistant Secretary

VERIFICATION

I, Mark A. Wheeler, being Chief Operating Officer at The York Water Company, hereby state that the facts above set forth are true and correct to the best of my knowledge, information and belief, and that I expect to be able to prove the same at a hearing held in this matter.

I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Date: April 12, 2022



Mark A. Wheeler