

## Map, Plan and Report

For the creation of the Town of Lewiston Water District

Town of Lewiston, Niagara County, New York



GHD | 285 Delaware Avenue Suite 500 Buffalo New York 14202 United States  
11137156 | Report No 1 | May 22 2017





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## 1. Background and Purpose

The Town of Lewiston (Town) is a rural municipality located in Western Niagara County, New York. According to the 2010 Decennial Census, the Town (excluding the Village of Lewiston and Tuscarora Indian Reservation) has a population of approximately 12,900 people. The existing public water system is owned, operated and maintained by the Town. Figure 1.1 shows the location of the existing water system and facilities.

Throughout its history, the Town has expanded the water system to meet the increasing need of public water supply for its residents. The Town Board established numerous water districts and constructed the necessary infrastructure to serve various areas of the Town. For many years these districts operated independently and received water supply from different sources, which included the Niagara County Water District (NCWD), City of Niagara Falls and other municipal entities.

In 1979, the Town undertook a project to construct water improvements with a town-wide benefit through a Water Improvement Area proceeding benefitting the entire Town outside the Village which became known as the Lewiston Water Improvement Area (LWIA). The Town continued to improve the water system and extended public water supply to the entire Town. These improvements were financed utilizing Article 12-C of the New York State Town Law and the debt burden was assessed to the entire Town through the LWIA. Consequently, the existing water districts did not incur any new indebtedness and the debt obligation associated for each district was eventually satisfied according to the respective terms and conditions on each bond.

Today, the existing water system is managed by the Town Water Department and functions as a single water supply system. The water system provides potable water to Town residents and businesses through 5,162 service connections. The Town is a member of the NCWD which owns and operates a Water Treatment Facility located along the West branch of the Niagara River in Wheatfield, New York. The NCWD provides bulk water supply to the Town, which the Town then distributes to customers throughout the LWIA. In 2015 the Town purchased 709,685,000 gallons of bulk water supply from NCWD but recorded only 524,999,642 gallons in sales to customers. The remaining balance, which is approximately 26 percent, includes watermain flushing, firefighting, and water loss due to leakage.

In May of 2017, the Town dissolved all existing water districts and initiated the process of establishing a single town-wide water district. The proposed water district will reflect the current state of the Town's water supply system and allow the Town to respond to future needs in a more cost effective manner. Upon completion, the Town will transfer ownership of all water system assets to the newly formed water district. The improvements described herein and all subsequent projects will be paid for by customers of the proposed water district.

The purpose of this report is to describe the creation of a new town-wide water district and proposed water system improvements. The proposed improvements will replace existing infrastructure and are necessary for the Town to maintain a safe and secure water supply for all residents in the Town. The information provided below includes a description of the required improvements, the associated costs, the estimated charges to residents and the transfer of assets.



## 2. Town of Lewiston Water District

The proposed Town of Lewiston Water District (District) will encompass all territorial areas of the Town outside of the Village of Lewiston and the Tuscarora Indian Reservation. Figure 2.1 illustrates the boundary of the proposed District and a detailed description is included in Appendix A.

## 3. Proposed Water System Improvements

The proposed water system improvements include the replacement of approximately 8 miles of existing waterline located along 13 roads in the Town. The pipe in these areas is aging and has a history of frequent watermain breaks. These disruptions reduce reliability, interrupt water supply, and disrupt numerous residents and businesses in the Town. Furthermore, Town officials have indicated that maintenance is costly and repair is no longer a cost effective means of maintaining the existing infrastructure.

### 3.1 General Description

The proposed improvements include the construction of approximately 43,800 lineal feet of new waterline to replace existing deteriorated piping that will be abandoned in place. The existing piping will be replaced in kind and a description of the work is shown in Table 3.1. Figure 3.1 illustrates the location of the proposed improvements.

Table 3.1 Description of Water System Improvements

| No. | Road  | Description  | Proposed Diameter (Inches) | Length (Feet) |
|-----|---|--|----------------------------|---------------|
| 1   | Lower River Road                                    | Chicora Drive to Pletcher Road   | 12                         | 8,400         |
| 2   | Morgan Drive  | West Park Lane to Lower River Road   | 12                         | 4,900         |
| 3   | Mayflower Road<br>Sweet Home Road<br>Hermitage Road | Divide Road to Saunders Settlement Road<br>East of Hermitage Road to Divide Road<br>Divide Road to Sweet Home Road | 8                          | 3,900         |
| 4   | Creek Road  | Pletcher Road to the Porter town line  | 16                         | 4,100         |
| 5   | Hoover Road   | Niagara Street to Raymond Road   | 8                          | 1,800         |
| 6   | Lewiston Road<br>Military Road<br>Homestead Place   | Irving Drive to Mountain View Drive<br>East from Lewiston Road<br>West from Lewiston Road                          | 8                          | 6,000         |
| 7   | Lower River Road                                    | Pletcher Road to the Porter town line  | 12                         | 7,400         |
| 8   | Pletcher Road                                       | Lower River Road to Creek Road   | 12                         | 7,400         |
| 9   | Country Club Trail                                  | Willow Lane to Pine Grove Lane   | 8                          | 600           |

The proposed water system improvements will include 37 interconnections, 103 new hydrants, and 62 new valves. Supply to the existing 370 residential and business services will be transferred to the new watermains that will be installed. Valves for all pipe installations will be installed at various



locations in accordance with the “Recommendation Standards for Water Works”. Generally, valves will be located at 1,000-foot intervals and at intersections as required.

The proposed improvements will also include four road crossings, one railroad crossing and two stream crossings. Generally, crossings will be bored and a casing pipe installed as required. All borings will be designed and constructed in accordance with standard design practices and requirements of the agency of jurisdiction.

All pipe installations will have a minimum 5-foot cover. Pipe trenches will be bedded with stone or select material in accordance with the pipe manufacturer’s installation recommendations. Backfill material will be in accordance with the applicable highway having jurisdiction at the location of installation.

### 3.2 Cost Estimate

A summary of the estimated costs is shown in Table 3.2. These costs are based on the Town obtaining the services of a private construction contractor, financial advisor, an engineer licensed in the State of New York, and legal counsel. Contractors will be obtained through a competitive bidding process, as stipulated under New York General Municipal Law.

Table 3.2 Summary of Estimated Costs

| No.   | Road  | Estimated Cost      |
|---|---|---------------------|
| 1   | Lower River Road                                    | \$1,738,990         |
| 2   | Morgan Drive  | \$1,025,090         |
| 3   | Mayflower Road<br>Sweet Home Road<br>Hermitage Road | \$697,290           |
| 4   | Creek Road  | \$1,011,230         |
| 5   | Hoover Road   | \$339,240           |
| 6   | Lewiston Road<br>Military Road<br>Homestead Place   | \$1,144,110         |
| 7   | Lower River Road                                    | \$1,360,370         |
| 8   | Pletcher Road                                       | \$1,408,440         |
| 9   | Country Club Trail                                  | \$126,610           |
| Estimated Construction Cost:                          |   | \$8,851,370         |
| <b>Engineering, Legal &amp; Administration:</b>       |   | <b>\$1,327,709</b>  |
| <b>Total Estimated Cost of Proposed Improvements:</b> |   | <b>\$10,179,079</b> |
| <b>SAY:</b>   |   | <b>\$10,200,000</b> |



## 4. Estimated Annual Cost of District

The estimated annual cost of the District includes existing costs associated with the former LWIA and proposed debt service for the water system improvements. Currently, the revenue required to meet water system expenses is recovered by miscellaneous revenue, metered water sales and real property taxes. The cost associated with real property taxes is determined based on the total existing cost of the water system less metered water sales and any miscellaneous revenue collected by the Town. However, the Town may choose to review its current practices in the future and make changes as appropriate to ensure costs are being recovered in an equitable manner.

The typical property is determined to be a property having an assessed value that approximates the assessed value of the mode of all benefited properties in the District. A mode analysis was completed for all properties and mode assessment for all property was determined to be \$90,000. Similarly, a mode analysis for the typical one- or two-family home was completed and determined to be the same as the mode assessment of all property in the District. See Figure 4.1 for the mode assessment of a typical one- or two-family home in the District. A description of the costs and a summary of the estimated annual impact to the typical property is provided below.

### 4.1 Existing Costs

The existing costs associated with the former LWIA include operation and maintenance expenses, water supply costs and existing LWIA debt obligations. Based on the 2017 Town budget for the LWIA it is estimated that the annual existing cost of the District will be \$2,147,315. Operation and maintenance expenses would cover wages, insurances, benefits for Town staff related to the water district, contractual expenses, and equipment and capital outlay. The water supply costs cover the purchase of bulk water supply from the Town of Cambria and NCWD for resale to Town customers. The existing LWIA debt obligations include long-term bonds and short-term bond anticipation notes from previous water system improvements. A summary of the existing costs is shown in Table 4.1

Table 4.1 Summary of Existing Costs

| Category                             | Amount           |
|--------------------------------------|------------------|
| Operation and Maintenance Expenses   | \$968,696        |
| Water Supply Costs                   | \$608,000        |
| Existing LWIA Debt Obligations       | <u>\$570,319</u> |
| Estimated Total Annual Existing Cost | \$2,147,315      |

#### 4.1.1 Cost of Water

Based on the 2017 Town budget the estimated revenue generated from metered water sales is \$1,438,000. All customers receiving public water supply are charged based on the volume of water used according to standard Town water rates. All customers currently pay \$22.35 for the first 1,000 cubic feet and \$1.75 for each 100 cubic feet thereafter. The average annual consumption for a one family or two family home varies based on household size, lot area and other demographic factors. Therefore, based on an assumed annual consumption of 65,000 gallons, the annual cost for water is \$174 per home.





#### 4.1.2 Real Property Tax

Based on the 2017 Town budget, the estimated revenue generated from real property taxes is \$570,319. The real property tax is paid via ad valorem assessment of all property in the benefited area. As reported by the Town, the total taxable assessed value of all properties within the proposed District is approximately \$924,267,378. Based upon the total ad valorem assessment, it is estimated that the tax rate is \$0.62 per thousand dollars of assessed property valuation. As a result, it is estimated that a typical one- or two-family household will pay approximately \$56 per year. A summary of the estimated annual real property tax payment is shown in Table 4.2.

Table 4.2 Estimated Annual Tax Payment

| Category   | Amount        |
|--|---------------|
| Estimated Existing Annual Debt Service                                     | \$570,319     |
| Total Assessed Valuation   | \$924,267,378 |
| Estimated Annual Tax Rate/\$1,000 Assessed Value                           | \$0.62        |
| Estimated Annual One- or Two-Family Tax Payment (\$90,000 Mode Assessment) | \$56          |

#### 4.2 Proposed Debt Service Costs

The proposed debt service cost is the construction financing associated with the planning, design and construction of the proposed water system improvements. The project is anticipated to be financed with municipal bonds over 30 years with a fixed annual interest rate of 3.5 percent. The total annual debt service cost associated with the bond is estimated at \$555,000.

It is anticipated that the debt service will be paid via ad valorem assessment of all property in the proposed District. As reported by the Town, the total taxable assessed value of all properties within the proposed District is approximately \$924,267,378. Based upon the total ad valorem assessment, it is estimated that the tax rate will be \$0.61 per thousand dollars of assessed property valuation. As a result, it is estimated that a typical one- or two-family household will pay approximately \$55 per year. A summary of the estimated annual tax payment for a typical one- ortwo-family household is shown in Table 4.3.

Table 4.3 Estimated Annual Debt Service Payment

| Category  | Amount        |
|---|---------------|
| Estimated Annual Cost   | \$555,000     |
| Total Assessed Valuation  | \$924,267,378 |
| Estimated Annual Tax Rate/\$1,000 Assessed Value                          | \$0.61        |
| Estimated Annual Single/Two-Family Tax Payment (\$90,000 Mode Assessment) | \$55          |



### 4.3 Total Estimated Annual User Fees

The total annual impact to a one- or two-family household may vary for each customer based on water usage and assessed valuation. Therefore, the estimated annual impact for a typical one- or two-family household is based on an assumed annual water usage of 65,000 gallons per year and a mode one- or two-family residential assessment of \$90,000. The estimated one- or two-family household impact is shown in Table 4.4.

Table 4.4 Estimated Annual Impact for a One- and Two-Family Home

| Cost Component              | Current Costs (2017) | Proposed Costs (Year 1) | Estimated Change |
|-----------------------------|----------------------|-------------------------|------------------|
| Cost of Water               | \$174.00             | \$174.00                | \$0.00           |
| Real Property Tax           | \$56.00              | \$56.00                 | \$0.00           |
| Proposed Debt Service Costs | \$0.00               | \$55.00                 | \$55.00          |
| Total:                      | \$230.00             | \$285.00                | \$55.00          |

## 5. Transfer of Assets

The Town's water system assets are comprised primarily of distribution lines, hydrants, associated appurtenances and equipment used in the maintenance and repair of the water system facilities. All water system facilities and equipment became assets of the Town after the dissolution of the former Town water districts. These assets will be conveyed to the proposed District as part of these proceedings pursuant to Town Law § 208. A schedule of assets from the Town's most recent appraisal is included in Appendix B.

## 6. Environmental

The Town must consider environmental factors and identify regulatory requirements under the State Environmental Quality Review Act (SEQR) in order to approve, fund, and undertake the proposed project. The project includes the formation of a new water district and the construction of various improvements to the existing water system. The project is considered an unlisted action under SEQR for the following reasons:

- The formation of the proposed water district and the proposed improvements do not exceed any Type 1 thresholds found in Part 617.4(b) of SEQR.
- The formation of the proposed water district does not meet the definition of any Type 2 Action found in Part 617.5(c) of SEQR.



As an Unlisted Action, the Town can proceed to make its own separate determination of significance and decision about the proposed project. However, the project is subject to regulatory approvals and the Town is required to comply with standards associated with various environmental permits prior to construction. It is recommended the Town consult with involved agencies to determine appropriate permitting and approval requirements. Table 6.1 identifies the environmental permits and approvals that are necessary for the proposed project.

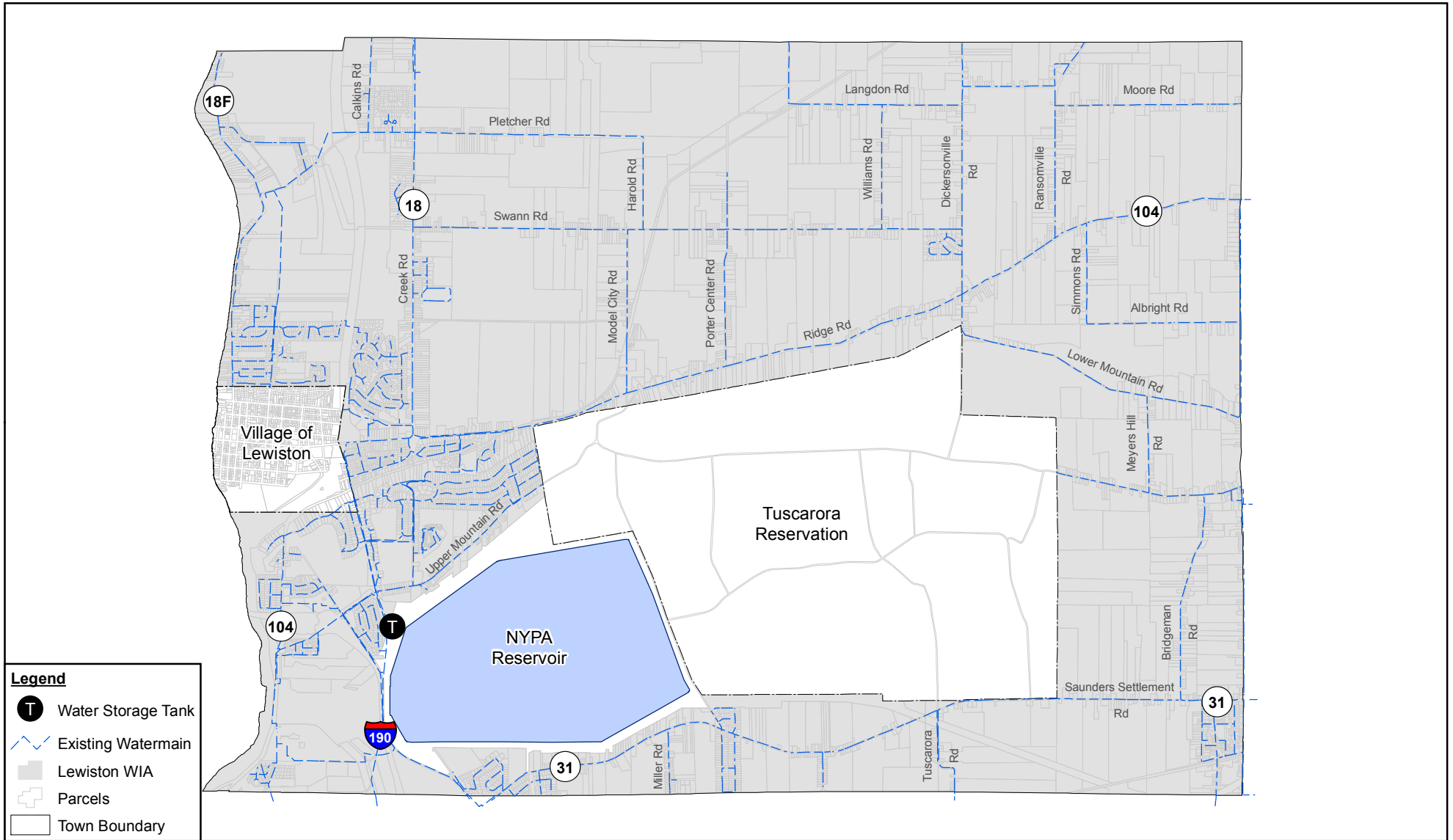
Table 6.1 Permits and Approvals

| Agency  | Permit, Approval or Review                                | Applicable Areas                 |
|---|---|----------------------------------|
| Niagara County Health Department                          | Plan review and approval                                  | All proposed improvements        |
| NYS Department of Environmental Conservation              | NPDES Permit  | All proposed improvements        |
| NYS Department of Environmental Conservation              | Stream disturbance permit (joint application with USACOE) | Fish Creek (Lewiston Road)       |
| United States Army Corp of Engineers                      | Stream disturbance permit (joint application with NYSDEC) | Fish Creek (Lewiston Road)       |
| NYS Department of Transportation                          | Highway work permit                                       | State Highways                   |
| Niagara County Department of Public Works                 | Highway work permit                                       | Interconnections on County roads |
| Town of Lewiston Highway Department                       | Highway work permit                                       | Town Roads                       |
| CSX Transportation  | Utility permit  | Somerset Railroad (Hoover Road)  |
| NYS Office of Parks, Recreation and Historic Preservation | Work permit   | Niagara Scenic Parkway           |
| NYS Office of Parks, Recreation and Historic Preservation | Consultation review                                       | Archaeological Sensitive Areas   |
| NYS Office of Parks, Recreation and Historic Preservation | Work permit   | Joseph Davis State Park          |
| NYS Department of Agriculture and Markets                 | Notice of Intent  | County Agricultural District     |
| Niagara County Farmland Protection Board                  | Notice of Intent  | County Agricultural District     |



# Figures

# Appendices



**Legend**

- T Water Storage Tank
- Existing Watermain
- Lewiston WIA
- Parcels
- Town Boundary

0 2,000 4,000 6,000  
 Feet  
 Coordinate System:  
 NAD 1983 StatePlane New York  
 West FIPS 3103 Feet

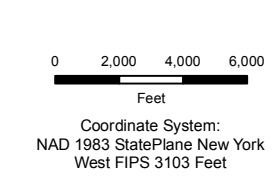
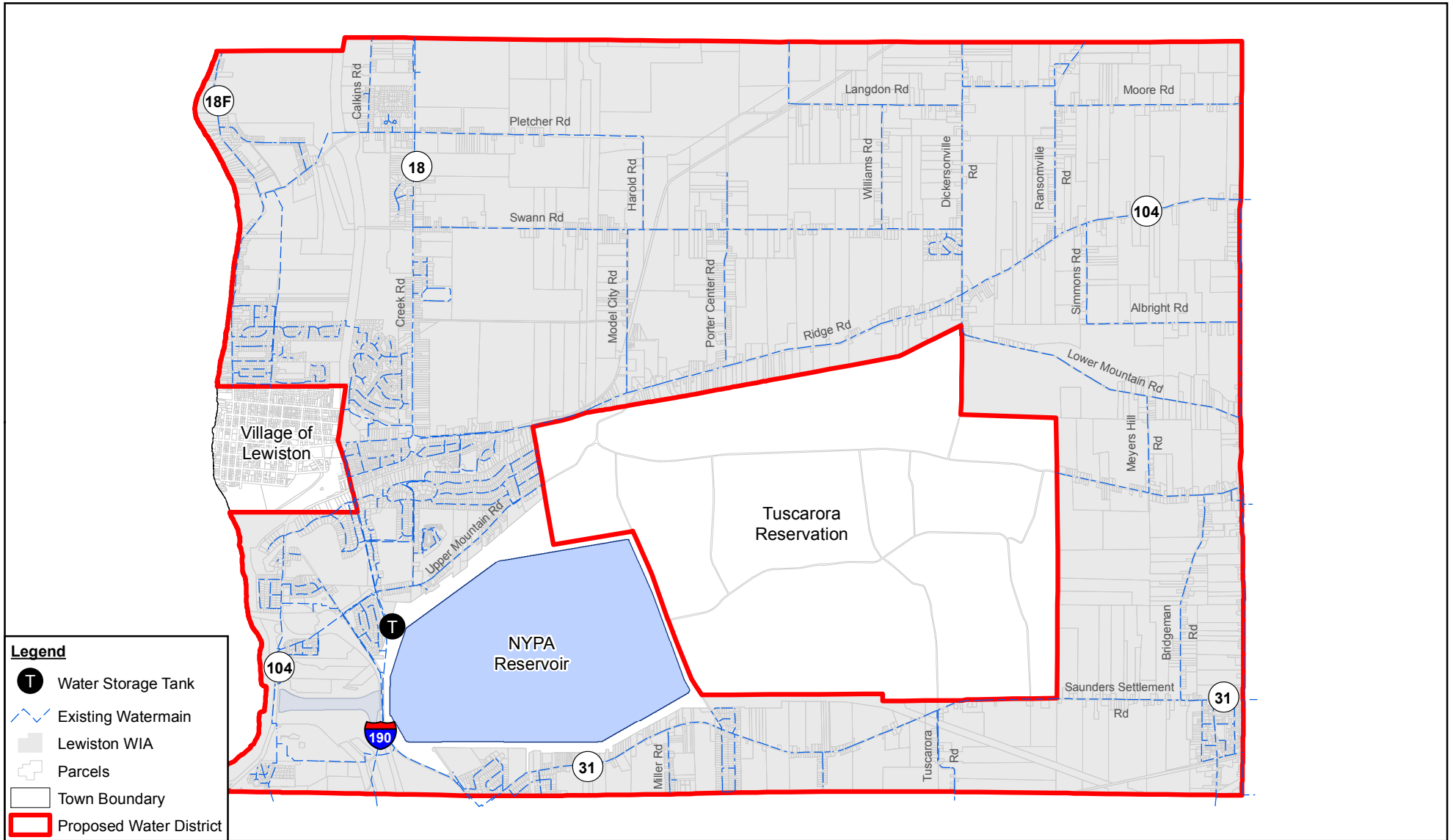


TOWN OF LEWISTON  
 NIAGARA COUNTY, NEW YORK

EXISTING WATER SYSTEM AND FACILITIES

11137156  
 Apr 24, 2017

FIGURE #1.1



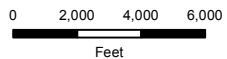
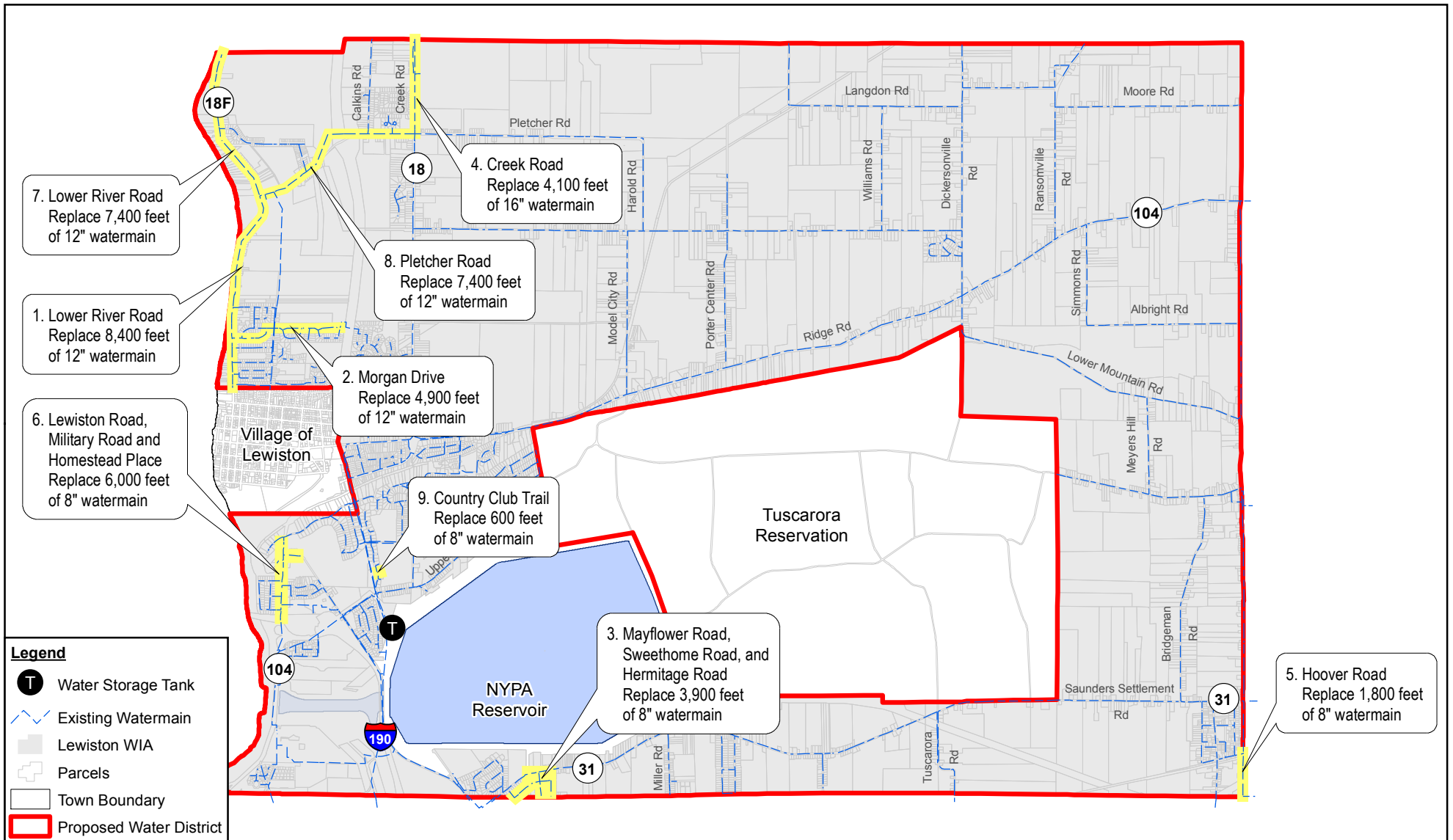
TOWN OF LEWISTON  
 NIAGARA COUNTY, NEW YORK

**PROPOSED TOWN OF LEWISTON  
 WATER DISTRICT BOUNDARY**

11137156  
 Apr 24, 2017

**FIGURE #2.1**





Coordinate System:  
NAD 1983 StatePlane New York  
West FIPS 3103 Feet



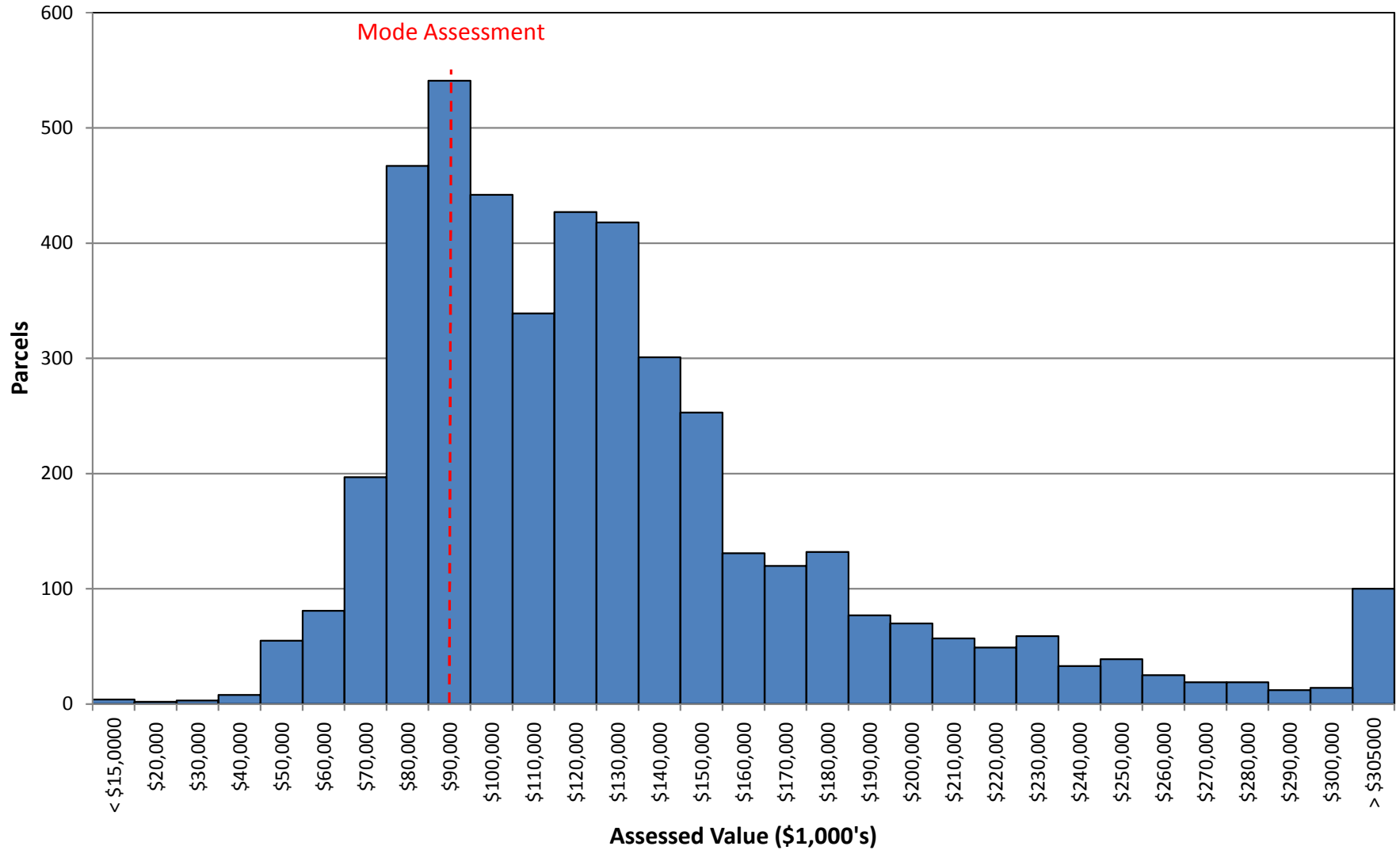
TOWN OF LEWISTON  
NIAGARA COUNTY, NEW YORK

PROPOSED WATER SYSTEM IMPROVEMENTS

11124642  
Apr 24, 2017

FIGURE #3.1

**Figure 4.1**  
**Proposed Town of Lewiston Water District**  
**One and Two Family Household Mode Assessment**



# Appendices



## **Attachment A** Proposed Town of Lewiston Water District Boundary Description

ALL THAT TRACT OR PARCEL OF LAND known as the Town of Lewiston, County of Niagara, State of New York, being all of Lots 10 through 29 of the New York State Reservation, plus Lot 1, Lots 4 through 8, Lots 11 through 15, lots 18 through 45 plus part of Lots 16 and 17 in Township 14, Range 9, plus Lots 33 through 49, Lots 53 through 57, Lots 62 through 64 in Township 14, Range 8 of the Holland Land Company's Survey and more particularly described as follows:

BEGINNING at the intersection of the northerly line of the Town of Wheatfield with the westerly line of the Town of Cambria; thence westerly along the northerly line of the Town of Wheatfield and the Town of Niagara and the City of Niagara Falls to a point located at the easterly edge of the Niagara River; thence northerly along the easterly edge of the Niagara River as it winds and bends to a point located in the southerly line of the Village of Lewiston; thence easterly, northerly and westerly along the southerly, easterly and northerly lines of the Village of Lewiston to a point located on the easterly edge of the Niagara River; thence northerly along the easterly edge of the Niagara River as it winds and bends to appoint located the southerly line of the Town of Porter; thence easterly along the southerly lines of the Town of Porter and the Town of Wilson to appoint located on the westerly line of the Town of Cambria; thence southerly along the westerly line of the Town of Cambria to the place or point of beginning.

Excepting the area known as the Tuscarora Indian Reservation.



**EXHIBIT B**

| System No. | Bldg | Floor | Room | Dept | Class | Tag # | QTY | Description | Manufacturer | Model | Month Acq | Yr Acq | Life | K-Code | Acq Cost | Acc Depr. | Undepr. | Curr Annual Depr. | Proj Annual Depr. |
|------------|------|-------|------|------|-------|-------|-----|-------------|--------------|-------|-----------|--------|------|--------|----------|-----------|---------|-------------------|-------------------|
|------------|------|-------|------|------|-------|-------|-----|-------------|--------------|-------|-----------|--------|------|--------|----------|-----------|---------|-------------------|-------------------|

DISTRIBUTION

|    |  |  |  |  |   |        |   |                                |  |  |   |      |    |      |             |           |             |          |          |
|----|--|--|--|--|---|--------|---|--------------------------------|--|--|---|------|----|------|-------------|-----------|-------------|----------|----------|
| 4  |  |  |  |  | 5 | 900202 | 1 | PIPING WATER DISTRIBUTION      |  |  | 0 | 2006 | 50 | K106 | \$3,100,638 | \$558,115 | \$2,542,523 | \$62,013 | \$62,013 |
| 11 |  |  |  |  | 5 | 900209 | 1 | WTR SYS IMPRVMENTS-MTN VIEW DR |  |  | 0 | 2009 | 50 | K106 | \$1,433,226 | \$171,987 | \$1,261,239 | \$28,664 | \$28,665 |

\* Also included are additional fully depreciated water distribution systems throughout the several water districts

PRESSURE REGULATING VAULTS

|      |     |  |  |                    |   |        |   |                    |  |  |   |      |    |      |           |          |          |         |         |
|------|-----|--|--|--------------------|---|--------|---|--------------------|--|--|---|------|----|------|-----------|----------|----------|---------|---------|
| 1139 | 026 |  |  |                    | 3 | 900415 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1140 | 026 |  |  |                    | 3 | 900416 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1141 | 026 |  |  |                    | 3 | 900417 | 1 | STRUCTURE COST     |  |  | 0 | 2011 | 40 | K102 | \$110,000 | \$11,000 | \$99,000 | \$2,750 | \$2,750 |
| 1142 | 027 |  |  | Dickersonville Rd. | 3 | 900418 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1143 | 027 |  |  |                    | 3 | 900419 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1144 | 028 |  |  | Lower Cliff St.    | 3 | 900420 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1145 | 028 |  |  |                    | 3 | 900421 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1146 | 029 |  |  | Lower Mtn. Rd.     | 3 | 900422 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1147 | 029 |  |  |                    | 3 | 900423 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1148 | 030 |  |  | Meyers Hill Rd.    | 3 | 900424 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1149 | 030 |  |  |                    | 3 | 900425 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1150 | 030 |  |  |                    | 3 | 900426 | 1 | STRUCTURE COST     |  |  | 0 | 2010 | 40 | K102 | \$70,000  | \$8,750  | \$61,250 | \$1,750 | \$1,750 |
| 1151 | 031 |  |  | Model City Rd.     | 3 | 900427 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1152 | 031 |  |  |                    | 3 | 900428 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1153 | 032 |  |  | Northridge Dr.     | 3 | 900429 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1154 | 032 |  |  |                    | 3 | 900430 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1155 | 032 |  |  |                    | 3 | 900431 | 1 | STRUCTURE COST EST |  |  | 0 | 1983 | 40 | K102 | \$60,052  | \$48,042 | \$12,010 | \$1,502 | \$1,501 |
| 1156 | 033 |  |  | Porter Ctr. Rd.    | 3 | 900432 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1157 | 033 |  |  |                    | 3 | 900433 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1158 | 034 |  |  | Ransomville Rd.    | 3 | 900434 | 1 | STRUCTURE          |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |
| 1159 | 034 |  |  |                    | 3 | 900435 | 1 | ENGINEERING FEES   |  |  | 0 | 0    | 0  | K102 | \$0       | \$0      | \$0      | \$0     | \$0     |

EQUIPMENT

|     |     |   |      |  |    |        |   |                             |            |       |   |      |    |      |          |         |          |       |       |
|-----|-----|---|------|--|----|--------|---|-----------------------------|------------|-------|---|------|----|------|----------|---------|----------|-------|-------|
| 265 | 004 |   |      |  | 38 | 900246 | 1 | GENERATOR 45 KW 7825045     |            |       | 0 | 2013 | 15 | K104 | \$14,500 | \$1,933 | \$12,567 | \$966 | \$967 |
| 267 | 004 | 1 | 9000 |  | 38 | 313    | 1 | CABINET SAFETY 120 GAL      |            |       | 0 | 2003 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 268 | 004 | 1 | 9000 |  | 72 | 310    | 1 | TAP SET COMPLETE            | HAYES      |       | 0 | 1968 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 269 | 004 | 1 | 9000 |  | 72 | 311    | 1 | TAP SET COMPLETE            | MUELLER    |       | 0 | 1978 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 270 | 004 | 1 | 9000 |  | 72 | 312    | 1 | TAP SET COMPLETE            | FORD       |       | 0 | 1980 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 271 | 004 | 1 | 9000 |  | 72 | 314    | 1 | LOCATOR LINE                | HEATH      | LS990 | 0 | 1994 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 272 | 004 | 1 | 9000 |  | 72 | 315    | 1 | DETECTOR METAL              | SCHONSTEDT |       | 0 | 1999 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 273 | 004 | 1 | 9000 |  | 72 | 316    | 1 | DETECTOR METAL              | SCHONSTEDT |       | 0 | 1999 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 274 | 004 | 1 | 9000 |  | 72 | 317    | 1 | DETECTOR METAL              | SCHONSTEDT |       | 0 | 1999 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 275 | 004 | 1 | 9000 |  | 72 | 318    | 1 | CONFINED SPACE SET COMPLETE |            |       | 0 | 1992 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 276 | 004 | 1 | 9000 |  | 72 | 319    | 1 | LOCATOR LINE                | HEATH      |       | 0 | 2001 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 277 | 004 | 1 | 9000 |  | 72 | 320    | 1 | LOCATOR LINE                | HEATH      |       | 0 | 2001 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 278 | 004 | 1 | 9000 |  | 72 | 321    | 1 | DIGGER POST HOLE PRO, ACC   | TANAKA     |       | 0 | 1992 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |
| 279 | 004 | 1 | 9000 |  | 72 | 325    | 1 | PUMP DIAPHRAGM GAS 2"       | HOMELITE   |       | 0 | 1985 | 15 | K104 | \$0      | \$0     | \$0      | \$0   | \$0   |

|     |     |   |      |  |    |        |   |   |            |       |   |      |    |      |          |          |     |         |     |
|-----|-----|---|------|--|----|--------|---|---|------------|-------|---|------|----|------|----------|----------|-----|---------|-----|
| 280 | 004 | 1 | 9000 |  | 72 | 326    | 1 | SAW CONCRETE  | STIHL      | TS360 | 0 | 1996 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 281 | 004 | 1 | 9000 |  | 72 | 327    | 1 | SAW CONCRETE  | STIHL      | TS360 | 0 | 1996 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 282 | 004 | 1 | 9000 |  | 72 | 328    | 1 | SAW CONCRETE  | HOMELITE   |       | 0 | 1978 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 283 | 004 | 1 | 9000 |  | 72 | 329    | 1 | THAWER SET STEAM COMPLETE   |            |       | 0 | 1978 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 284 | 004 | 1 | 9000 |  | 72 | 330    | 1 | PUMP TRASH GAS 2"   | HOMELITE   |       | 0 | 1994 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 285 | 004 | 1 | 9000 |  | 72 | 900059 | 1 | LOT MISC MINOR EQUIP & TOOLS  |            |       | 0 | 0    | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 287 | 004 | 1 | 9001 |  | 38 | 332    | 1 | WORKBENCH PINE 12", SS SINK, VISE   |            |       | 0 | 1968 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 288 | 004 | 1 | 9001 |  | 38 | 900060 | 1 | LOT MISC MINOR EQUIP  |            |       | 0 | 0    | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 289 | 004 | 1 | 9001 |  | 72 | 333    | 1 | SNIFFER IMPACT PRO, CALIBRATOR  | NEOTRONICS |       | 0 | 2004 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 290 | 004 | 1 | 9001 |  | 72 | 335    | 1 | BENCH METER TEST 3 METER CAP, TESTERATE INDICATOR W-T1, CALIBRATION TANK SIZE 1 | FORD       |       | 0 | 1956 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 291 | 004 | 1 | 9001 |  | 72 | 336    | 1 | FLOOR MACHINE 20"   | GENERAL    |       | 0 | 1975 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 292 | 004 | 1 | 9001 |  | 72 | 337    | 1 | FLOOR MACHINE 20"   | GENERAL    |       | 0 | 1975 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 294 | 004 | 1 | 9002 |  | 38 | 340    | 1 | FILE LEGAL 4 DWR 1 HOUR   |            |       | 0 | 1972 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 295 | 004 | 1 | 9002 |  | 38 | 342    | 1 | CABINET 1 HOUR 4X2 1/2X3  | PLAN HOLD  |       | 0 | 1972 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 296 | 004 | 1 | 9002 |  | 38 | 343    | 1 | FILE FIREPROOF LEGAL 4 DWR  |            |       | 0 | 1978 | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 297 | 004 | 1 | 9002 |  | 38 | 900061 | 1 | LOT MINOR OFFICE FURNITURE  |            |       | 0 | 0    | 15 | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |
| 298 | 004 | 1 | 9002 |  | 46 | 338    | 1 | READER METER  | BADGER     |       | 0 | 1999 | 5  | K104 | \$13,420 | \$13,420 | \$0 | \$0     | \$0 |
| 299 | 004 | 1 | 9002 |  | 46 | 339    | 1 | READER METER  | BADGER     |       | 0 | 1999 | 5  | K104 | \$13,420 | \$13,420 | \$0 | \$0     | \$0 |
| 300 | 004 | 1 | 9002 |  | 46 | 344    | 1 | ORION METER READING SYSTEM, PANASONIC TOUCHBOOK NOTEBOOK PC 200 METERS          |            |       | 0 | 2010 | 5  | K104 | \$25,974 | \$25,974 | \$0 | \$5,195 | \$0 |
| 301 | 004 | 1 | 9002 |  | 46 | 345    | 1 | PC CLONE, EPSON WF2540 ALL-IN-ONE   |            |       | 0 | 2012 | 5  | K104 | \$0      | \$0      | \$0 | \$0     | \$0 |

VEHICLES

|      |     |   |      |  |    |     |   |                 |            |       |   |      |   |      |           |           |     |     |     |
|------|-----|---|------|--|----|-----|---|-----------------|------------|-------|---|------|---|------|-----------|-----------|-----|-----|-----|
| 1229 | 099 | T | 9000 |  | 66 | 668 | 1 | TRUCK DUMP      | FORD       |       | 0 | 1990 | 8 | K104 | \$14,000  | \$14,000  | \$0 | \$0 | \$0 |
| 1232 | 099 | T | 9000 |  | 66 | 672 | 1 | TRUCK DUMP      | INTERNATIO |       | 0 | 1998 | 8 | K104 | \$48,000  | \$48,000  | \$0 | \$0 | \$0 |
| 1235 | 099 | T | 9000 |  | 66 | 675 | 1 | TRACTOR BACKHOE | NEW HOLLAN |       | 0 | 2003 | 8 | K104 | \$48,760  | \$48,760  | \$0 | \$0 | \$0 |
| 1236 | 099 | T | 9000 |  | 66 | 676 | 1 | TRUCK PICKUP    | FORD       | F250  | 0 | 2004 | 8 | K104 | \$18,996  | \$18,996  | \$0 | \$0 | \$0 |
| 1237 | 099 | T | 9000 |  | 66 | 677 | 1 | VEHICLE UTILITY | FORD       |       | 0 | 2000 | 8 | K104 | \$19,000  | \$19,000  | \$0 | \$0 | \$0 |
| 1238 | 099 | T | 9000 |  | 66 | 678 | 1 | VEHICLE         | CHEVROLET  |       | 0 | 1995 | 8 | K104 | \$18,000  | \$18,000  | \$0 | \$0 | \$0 |
| 1234 | 099 | T | 9000 |  | 66 | 674 | 1 | VEHICLE UTILITY | CHEVROLET  |       | 0 | 2003 | 8 | K104 | \$22,153  | \$22,153  | \$0 | \$0 | \$0 |
| 1240 | 099 | T | 9000 |  | 66 | 680 | 1 | EXCAVATOR       | JOHN DEERE |       | 0 | 1999 | 8 | K104 | \$115,500 | \$115,500 | \$0 | \$0 | \$0 |
|      |     |   |      |  |    |     |   | TRUCK PICKUP    | FORD       | F-350 |   | 2009 |   |      |           |           |     |     |     |
|      |     |   |      |  |    |     |   | TRUCK PICKUP    | FORD       | F-350 |   | 2009 |   |      |           |           |     |     |     |

AND OTHER MISCELLANEOUS EQUIPMENT, ETC.



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