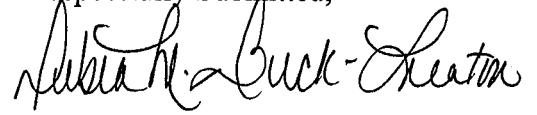


Respectfully Submitted,

A handwritten signature in black ink, reading "Debra M. Buck-Leaton". The signature is written in a cursive style with a large initial 'D' and 'B'.

Debra M. Buck-Leaton
Town Clerk

Town of Byron

7028 Byron Holley Road
Byron, New York 14422

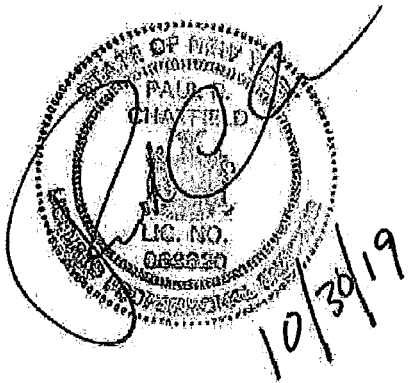
PRELIMINARY ENGINEERING REPORT

for the

TOWN OF BYRON WATER IMPROVEMENT BENEFIT AREA NO. 1

October 30, 2019

MRB Group Project No. 0204.18006.000



Prepared by:

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"It is a violation of this law for any person unless he is acting under the direction of a Licensed Professional Engineer or Land Surveyor to alter an item in any way. If an item bearing the Seal of an Engineer or Land Surveyor is altered, the Altering Engineer or Land Surveyor shall affix to the item his Seal and the Notation 'Altered By' followed by his signature and the date of such alteration and a specific description of the alteration".

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I. GENERAL

The purpose of this project is to provide a safe and reliable potable water supply and fire protection for residents of the proposed Town of Byron Water Improvement Benefit Area No. 1 (hereinafter referred to as the "Project, Project Area, Water Benefit Area or District").

The Town of Byron is located in Genesee County, as shown in **Figure 1**.

The proposed improvements consist of the installation of approximately **145,815 linear feet (LF) of 8" water main**, valves, hydrants, and appurtenances along various roads in the Town of Byron.

The Water Benefit Area will connect to existing water mains in the Town of Byron throughout several Water Districts. The Boundary Map and Description for the Project is provided in **Appendix A**.

This Preliminary Engineering Report (PER), is intended to support the Town's Preliminary Funding Application (PFA) to the United States Department of Agriculture (USDA) Rural Development (RD) Rural Utilities Service (RUS), and has been prepared in accordance with USDA RUS Bulletin 1780-2.

II. PROJECT PLANNING AREA

A. PROJECT LOCATION

The Project Area is located along several roads as shown in **Table 1**. Refer to **Figure 2** for a Map of the Proposed Project Location. Photographs of the Project Area are included in **Appendix B**.

B. ENVIRONMENTAL RESOURCES PRESENT

The area of the proposed project is generally farmland and residential areas.

There are several New York State and Federal (**Appendix C**) designated wetlands and streams that will need to be crossed, within the highway right-of-way, in areas already disturbed by the highway and existing utilities. Measures will be incorporated into the design to mitigate adverse impacts. The related permits and environmental protection measures will be incorporated into the project.

The project is partially located within Genesee County's Agricultural District as shown in **Appendix D**. However, the majority of work will be located within the highway right-of-way and will have no adverse impact on the agricultural properties.

As part of the project planning process, a complete environmental review will take place including the State Environmental Quality Review (SEQR) Act and the National Environmental Policy Act (NEPA).

Table 1: Water Main Locations

Area	Between
NYS Route 262	Batavia Byron Road to Transit Road
Cockram Road	End of Water District No. 7 to Transit Road
Bank Street Road	NYS Route 262 to 450 LF south of Cockram Road
Tower Hill Road & Searls Road	5732 Tower Hill Road to End of Existing WD; 750 LF North on Searls Road
Batavia Byron Road	NYS Route 262 to NYS Route 237
NYS Route 237	End of Exist. WD 350 LF S. of North Bergen Rd. to Town Line
Searls Road	North Byron Road to Cook Road
Cook Road	Searls Road to NYS Route 237
Cook Road	Searls Road to Merriman Road (@ the bend in the road)
Upper Holley Road	Cook Road to Clarendon Town Line
Merriman Road	Cook Road to Shelt Road
Shelt Road	North Byron Road to 5630 Shelt Road
North Bergen Road	NYS Route 237 and Byron-Bergen Town Line
Bird Road	North Bergen Road and dead end to the north
East Bird Road	Bird Road and Merrill Road
Merrill Road	Byron-Clarendon Town Line and Warboys Road
South Holley Road	North Bergen Road to 2,150 LF North
Warboys Road	End of Byron WD #2 to Byron-Bergen Town Line
Fairgrounds Road	Warboys Road and 400 LF South
Coward Road	End of Byron WD #8 to Clinton Street Road
Clinton Street Road	Coward Road to 7001 Clinton Street Road
Old State Road	Clinton Street Road to School Road
School Road	Old State Road to the Byron-Leroy Town Line
Walkers Corners Road	500 LF west of Batavia Byron Road to 800 LF east of Transit
Batavia Byron Road	Walkers Corners Road to Byron-Stafford Town Line

C. POPULATION TRENDS AND PARCEL INFORMATION

The Town Assessor has prepared the list of parcels to be included in the Project and is included in **Appendix E**.

- Total Number of Parcels in the Water Benefit Area = 378
- Total Number of Hook ups = 224
- Total Chargeable Units = 247
- Estimated Existing Population (Based upon 2.7 people/hookup) = 605
- Estimated Future Population (Assume 5% growth/20 years) = 635

Population Change Genesee County

	Total Population				Change (1980 - 2010)		Change (2000 - 2010)	
	1980	1990	2000	2010	Number	%	Number	%
Genesee	59,400	60,060	60,370	60,079	679	1.14%	-291	-0.48%
City of Batavia	16,703	16,310	16,256	15,465	-1,238	-7.41%	-791	-4.87%
Alabama	1,926	1,998	1,881	1,869	-57	-2.96%	-12	-0.64%
Alexander	2,367	2,233	2,451	2,534	167	7.06%	83	3.39%
Batavia	5,565	6,055	5,915	6,809	1,244	22.35%	894	15.11%
Bergen	2,568	2,794	3,182	3,120	552	21.50%	-62	-1.95%
Bethany	1,876	1,808	1,760	1,765	-111	-5.92%	5	0.28%
Byron	2,242	2,345	2,493	2,369	127	5.66%	-124	-4.97%
Darien	2,950	2,979	3,061	3,158	208	7.05%	97	3.17%
Elba	2,487	2,407	2,439	2,370	-117	-4.70%	-69	-2.83%
Le Roy	8,019	8,176	7,790	7,641	-378	-4.71%	-149	-1.91%
Oakfield	3,213	3,312	3,203	3,250	37	1.15%	47	1.47%
Pavilion	2,375	2,327	2,467	2,495	120	5.05%	28	1.13%
Pembroke	4,146	4,232	4,530	4,292	146	3.52%	-238	-5.25%
Stafford	2,508	2,593	2,409	2,459	-49	-1.95%	50	2.08%
Tonawanda Indian Reservation	455	491	533	483	28	6.15%	-50	-9.38%
Village of Alexander	483	445	481	509	26	5.38%	28	5.82%
Village of Attica (All)	2,659	2,632	2,597	2,547	-112	-4.21%	-50	-1.93%
Village of Bergen	976	1,103	1,240	1,176	200	20.49%	-64	-5.16%
Village of Corfu	689	755	795	709	20	2.90%	-86	-10.82%
Village of Elba	750	703	696	676	-74	-9.87%	-20	-2.87%
Village of Leroy	4,900	4,974	4,462	4,391	-509	-10.39%	-71	-1.59%
Village of Oakfield	1,791	1,818	1,805	1,813	22	1.23%	8	0.44%

Source: U.S. Census Bureau

*Village of Pike dissolved on December 31, 2009, no 2010 Census data is available

N/A: Data Not Available

Note: Revised Census Numbers from the 2000 Census are included

D. COMMUNITY ENGAGEMENT

The Town of Byron has been approached by numerous residents in the Project Area over the past several years. There have been informal petitions circulated by the residents to request the Town evaluate the feasibility of providing public water to their areas.

The Town of Byron has provided the public with information in the past associated with the cost of water and the feasibility of obtaining loan and grant money from various funding agencies.

As part of the Water Benefit Area formation process, a Legal Public Hearing will be held.

III. EXISTING FACILITIES

A. GENERAL AND LOCATION MAP OF EXISTING FACILITIES

There are no existing public facilities in the Project Area.

The Town of Byron owns the distribution system and the Monroe County Water Authority (MCWA) operates the system in the existing water districts under a Retail Lease Agreement.

The Project will receive water supply from the MCWA. The MCWA owns and operates a 140 MGD Water Treatment Facility on the shores of Lake Ontario, with sufficient capacity to serve this Project.

The Existing Water System Facilities within the Town of Byron are shown on **Figure 3**.

B. HISTORY

The Town of Byron Water District's 1 thru 4 have been constructed within the past 15-20 years. Water District No. 5 was completed in the Fall of 2015. Water District No. 6 was completed in the Spring of 2016. Water Districts No. 7 and 8 were completed in June 2019. Each Water District is responsible for the debt service cost associated with their individual projects and there is no debt service cost sharing between districts.

C. CONDITION OF EXISTING FACILITIES

The existing facilities are in excellent condition and routinely maintained by the MCWA.

D. FINANCIAL STATUS OF EXISTING FACILITIES

The financial status of the existing facilities does not relate specifically to the creation of this Water District, as each district is responsible for their own debt service charges.

The cost for routine operation and maintenance are included in the normal water rate established by the MCWA.

The Town of Byron is considering the use of PVC pipe for the installation of the water

mains. In accordance with the MCWA Retail Lease Agreement, the Town of Byron Water Improvement Benefit Area No. 1 will be responsible for the costs associated with repairs/replacement of the PVC water main, since it is not in accordance with the MCWA current standards. A repair/reserve account will be established by the Town of Byron to fund future repairs as necessary.

E. **WATER/ENERGY AUDITS**

Not applicable to this report.

IV. **NEED FOR PROJECT**

A. **HEALTH AND SAFETY**

The residents in the Project Area typically experience the following problems:

1. **Insufficient quantity** of water is available for the residential wells. Some residents must conserve water by: alternating shower days, alternating laundry days or not washing clothes in their residences at all.
2. **Poor water quality** is predominant in the existing well supplies. The water quality requires some residents to either boil water for consumption or purchase bottled water for cooking and consumption.
3. **High cost** to operate and maintain existing well supplies. Some residents purchase chemicals for softening/treatment systems, and frequently replace their plumbing systems due to corrosion of their fixtures. Several residents currently pay over \$500 per year to operate/maintain their water system, which provides them with poor quality water and insufficient quantities at times.
4. **Fire Protection.** Currently, there is no fire protection in the proposed water benefit area. Likewise, there are no significant bodies of water in the vicinity that provide an adequate supply of water for fire protection.

B. **SYSTEM OPERATION AND MAINTENANCE**

Dead end water mains and rural water mains require periodic flushing and chlorine residual testing, which are typical of rural water districts because of low population density and low water usage. Currently, the MCWA maintain chlorine residual throughout rural water mains by utilizing permanent programmable automatic flushing units, portable programmable automatic flushing units and manual flushing. The MCWA routinely flushes and tests chlorine residual of the dead-end mains and rural water mains, as necessary.

In an effort to reduce the number of man-hours spent flushing water mains, automatic flushing hydrants will be installed on the water main dead-ends and rural water mains. The installation of the automatic flushing hydrants will eliminate the need for the water operator to open the manually flush the system by opening and closing fire hydrants.

C. REASONABLE GROWTH

The ability to serve a growing population in the region has been addressed as part of the selection of water main size. The water mains for the Project Area have been sized to meet fire flows, which far exceed residential demand.

Average daily demand for the Project Area is estimated to be 40,603 gallons per day (28.2 gpm). Peak daily demand is estimated at 162,412 gallons per day (112.8 gpm), assuming a peaking factor of 4.

Insurance Services Office (ISO) requires a minimum fire flow of 500 gpm at 20 psi residual pressure for this area. Fire flows in the Project Area will exceed the ISO and NYS Department of Health requirements in all areas. As shown on **Table 3**, fire flows will be in excess of 500 gpm @ 20 psi in all locations.

Future residential growth within the District will not be limited as a result of available fire flows. In addition, this project is utilizing 8" diameter water mains which is generally the minimum size water mains used for rural areas providing fire flow. This Project supports the necessary fire flow, and the current and future demands, without putting an undue burden on the property owners within the Benefit Area.

According to the Genesee/Finger Regional Planning Council (GFLRPC) the population in the Town of Byron has remained stable over the past several decades. Therefore, for the purposes of this Project we believe 5% growth is a reasonable estimate for future growth. With an estimated 5% growth in the future, there would be approximately 35 additional people in the future which would result in an approximate increase of 2,137 gallons per day (less than 2 gpm). The water system will certainly be able to accommodate this modest increase in growth and our hydraulic calculation document this matter.

V. ALTERNATIVES CONSIDERED

The only practical alternative to address the problems of the residents of the Project Area is to install a Public Water System.

A. WATER SUPPLY ALTERNATIVES

There are no feasible water supply alternatives to consider such as construction of wells, water treatment plant, etc. Construction of a water treatment plant to supply the needs of the Town of Byron solely would not be feasible from a financial standpoint. Furthermore, the Town of Byron does not have any operational staff that would be licensed to operate a water treatment plant and would have to likely hire from the outside for operation staff or train existing staff. In addition, they would have to increase their town payroll and benefits to treat their own water. Therefore, no further investigation or consideration of a surface water supply is warranted at this time.

It is highly unlikely that the NYSDEC and the Genesee County Health Department would approve a new well or surface supply, given the readily availability of existing supply sources.

It is likely that a well supply would not be feasible since the majority of the private wells within the Town of Byron have experienced quality and quantity problems which have led to public water being installed. Therefore, no further investigation or consideration of well supply is warranted at this time.

Given that the Town of Byron water system is operated on a Retail Lease Agreement with the MCWA, there are no water supply alternatives to consider.

B. PIPE MATERIAL ALTERNATIVES

The pipe material alternatives to consider include PVC pipe, ductile iron pipe (DIP) and high-density polyethylene pipe (HDPE). Ductile iron pipe is more costly to purchase and install than using PVC pipe. Using HDPE for water distribution systems is a feasible alternative for crossing highways, creeks and other obstacles that require horizontal directional drilling (HDD). The MCWA does not allow the use of HDPE pipe in areas where water services will be installed or in areas where gas stations have been located or spills have occurred. Approval of the use of HDPE pipe is on a case-by-case basis by the MCWA. We recommend using a combination of PVC and HDPE pipe for the water distribution system.

At the time of preparation of this PER, the cost of 8" DIP water main (Class 52) was \$30.26/LF, the cost of 8" PVC water main (DR 18) was \$11.14/LF, and the cost of 8" HDPE (DR 11) was \$15.78/LF.

For this application, based upon our extensive water main experience we anticipate the life span and operation and maintenance costs of the PVC pipe will be similar to DIP. With a cost of DIP nearly 3 times that of PVC pipe, and the extremely limited budget, we recommend the use of PVC pipe for the majority of the areas.

The Town of Byron Water Improvement Benefit Area No. 1 will be responsible for the costs associated with repairs/replacement of the PVC water main, since it is not in accordance with the MCWA current standards. A repair/reserve account will be established by the Town of Byron to fund future repairs as necessary.

C. ADDITIONAL AREAS OF SERVICE ALTERNATIVES

As part of our preliminary investigation for water main installation, we evaluated additional potential areas of service, however, they were ruled out due to cost limitations. As this is a rural area, there are no other feasible layouts available for consideration.

D. SUSTAINABILITY CONSIDERATION ALTERNATIVES

The water main size will be based upon the needed fire flow and anticipated domestic water supply needs; therefore, no alternative pipe size would be appropriate to consider. No other Sustainability measures are applicable.

VI. PROPOSED PROJECT (RECOMMENDED ALTERNATIVE)

A. PRELIMINARY PROJECT DESIGN

1. Water Supply

The MCWA provides water and operates the Town of Byron under a Retail Lease Agreement and provides all operation and maintenance of the system.

Average daily demand for the Project Area is estimated to be 40,603 gallons per day (28.2 gpm) based upon a typical usage of 60,000 gallons per year per Chargeable Unit. Peak daily demand is estimated at 162,412 gallons per day (112.8 gpm), assuming a peaking factor of 4.

The future usage could reach 42,576 gallons per day (29.6 gpm) assuming a 5% growth over the next 20 years.

The MCWA has excess capacity to meet the needs of the Project.

2. Treatment

The MCWA will treat the water supplied to the Project Area. The MCWA Treatment Facility can produce 140 MGD of potable water. The MCWA Treatment Facility currently produces approximately 70 MGD of potable water and has excess capacity.

3. Storage

The proposed Benefit Area will provide no additional storage. The existing water system operated by the MCWA will be capable of supplying the anticipated water demands and storage requirements.

4. Pumping Stations

No additional pumping is needed to serve the proposed project.

5. Distribution Layout

The proposed areas of service include:

➤ Town Line Road (NYS Route 262)

The proposed improvements along NYS Route 262 consist of installing approximately 9,820 linear feet of 8" water main, valves, hydrants, services and appurtenances from Batavia Byron Road to Transit Road (at the Byron-Elba Town Line).

The proposed water main is anticipated to be located on the south side of NYS Route 262, generally within the right-of-way.

➤ Cockram Road

The proposed improvements along Cockram consist of installing approximately 4,560 linear feet of 8" water main, valves, hydrants, services and appurtenances from the termination of Water District No. 7 to Transit Road (at

the Byron-Elba Town Line).

The proposed water main is anticipated to be located on the south side of Cockram Road, generally within the right-of-way.

➤ **Bank Street Road**

The proposed improvements along Bank Street Road consist of installing approximately 4,425 linear feet of 8" water main, valves, hydrants, services and appurtenances from 450 linear feet south of Cockram Road to NYS Route 262.

The proposed water main is anticipated to be located on the west side of NYS Bank Street Road, generally within the right-of-way.

➤ **Tower Hill Road and Searls Road (@ the south end)**

The proposed improvements along Tower Hill Road and Searls Road (@ the south end) consist of installing approximately 10,050 linear feet of 8" water main, valves, hydrants, services and appurtenances on Tower Hill Road from the end of the existing water district (near the veterinary clinic) to 5732 Tower Hill Road; and on Searls Road from Tower Hill Road to approximately 750 linear feet north of Tower Hill Road.

The proposed water main is anticipated to be located on the north side of Tower Hill Road and on the east side of Searls Road, generally within the right-of-way.

➤ **Batavia Byron Road**

The proposed improvements along Batavia Byron Road consist of installing approximately 7,300 linear feet of 8" water main, valves, hydrants, services and appurtenances between NYS Route 262 and NYS Route 237.

The proposed water main is anticipated to be located on the west side of NYS Bank Street Road, generally within the right-of-way.

➤ **NYS Route 237**

The proposed improvements along NYS Route 237 consist of installing approximately 10,320 linear feet of 8" water main, valves, hydrants, services and appurtenances from the end of Water District No. 2 (350 linear feet south of North Bergen Road) to the Byron-Clarendon Town Line.

The proposed water main is anticipated to be located on the east side of NYS Route 237, generally within the right-of-way.

➤ **Searls Road**

The proposed improvements along Searls Road consist of installing approximately 7,700 linear feet of 8" water main, valves, hydrants, services and appurtenances from the termination of Water District No. 6 (approximately 550 linear feet north of North Byron Road) to Cook Road.

The proposed water main is anticipated to be located on the east side of Searls Road, generally within the right-of-way.

➤ **Cook Road**

The proposed improvements along Cook Road consist of installing approximately 9,050 linear feet of 8" water main, valves, hydrants, services and appurtenances from Merriman Road to NYS Route 237.

The proposed water main is anticipated to be located on the north side of Cook Road, generally within the right-of-way.

➤ **Upper Holley Road**

The proposed improvements along Upper Holley Road consist of installing approximately 3,270 linear feet of 8" water main, valves, hydrants, services and appurtenances from Cook Road to the Byron-Clarendon Town Line.

The proposed water main is anticipated to be located on the west side of Upper Holley Road, generally within the right-of-way.

➤ **Merriman Road**

The proposed improvements along Merriman Road consist of installing approximately 4,910 linear feet of 8" water main, valves, hydrants, services and appurtenances from Cook Road to Shelt Road.

The proposed water main is anticipated to be located on the west side of Merriman Road, generally within the right-of-way.

➤ **Shelt Road**

The proposed improvements along Shelt Road consist of installing approximately 8,050 linear feet of 8" water main, valves, hydrants, services and appurtenances from North Byron Road to 5630 Shelt Road.

The proposed water main is anticipated to be located on the north and east side of Shelt Road, generally within the right-of-way.

➤ **North Bergen Road**

The proposed improvements along North Bergen Road consist of installing approximately 15,350 linear feet of 8" water main, valves, hydrants, services and appurtenances from NYS Route 237 to the Byron-Bergen Town Line.

The proposed water main is anticipated to be located on the south side of North Bergen Road, generally within the right-of-way.

➤ **Bird Road**

The proposed improvements along Batavia Byron Road consist of installing approximately 6,300 linear feet of 8" water main, valves, hydrants, services and

appurtenances from North Bergen Road to the dead end to the north.
The proposed water main is anticipated to be located on the east side of Bird Road, generally within the right-of-way.

➤ **East Bird Road**

The proposed improvements along East Bird Road consist of installing approximately 2,700 linear feet of 8" water main, valves, hydrants, services and appurtenances from Bird Road to Merrill Road.

The proposed water main is anticipated to be located on the south side of East Bird Road, generally within the right-of-way.

➤ **Merrill Road**

The proposed improvements along Merrill Road consist of installing approximately 7,900 linear feet of 8" water main, valves, hydrants, services and appurtenances from Warboys Road to the Byron-Clarendon Town Line.

The proposed water main is anticipated to be located on the east side of Merrill Road, generally within the right-of-way.

➤ **South Holley Road**

The proposed improvements along South Holley Road consist of installing approximately 2,150 linear feet of 8" water main, valves, hydrants, services and appurtenances from North Bergen Road to 2,150 linear feet north.

The proposed water main is anticipated to be located on the west side of South Holley Road, generally within the right-of-way.

➤ **Warboys Road**

The proposed improvements along Warboys Road consist of installing approximately 14,200 linear feet of 8" water main, valves, hydrants, services and appurtenances from the end of Water District No. 2 (approximately 950 linear feet east of NYS Route 237) and the Byron-Bergen Town Line.

The proposed water main is anticipated to be located on the south side of Warboys Road, generally within the right-of-way.

➤ **Fairgrounds Road**

The proposed improvements along Fairgrounds Road consist of installing approximately 400 linear feet of 8" water main, valves, hydrants, services and appurtenances from Warboys Road to the south.

The proposed water main is anticipated to be located on the east side of Fairgrounds Road, generally within the right-of-way.

➤ **Coward Road**

The proposed improvements along Coward Road consist of installing approximately 450 linear feet of 8" water main, valves, hydrants, services and

appurtenances from the Byron-Stafford Town Line (@ the end of Byron Water District No. 8) to Clinton Street Road.

The proposed water main is anticipated to be located on the west side of Coward Road, generally within the right-of-way.

➤ **Clinton Street Road (NYS Route 33)**

The proposed improvements along Clinton Street Road consist of installing approximately 5,120 linear feet of 8" water main, valves, hydrants, services and appurtenances between Coward Road and 7001 Clinton Street Road.

The proposed water main is anticipated to be located on the north side of Clinton Street Road, generally within the right-of-way.

➤ **Old State Road**

The proposed improvements along Old State Road consist of installing approximately 2,500 linear feet of 8" water main, valves, hydrants, services and appurtenances from Clinton Street Road to School Road.

The proposed water main is anticipated to be located on the south side of Old State Road, generally within the right-of-way.

➤ **School Road**

The proposed improvements along School Road consist of installing approximately 1,065 linear feet of 8" water main, valves, hydrants, services and appurtenances from Old State Road to the Byron-Leroy Town Line.

The proposed water main is anticipated to be located on the west side of School Road, generally within the right-of-way.

➤ **Walkers Corner Road**

The proposed improvements along Walkers Corners Road consist of installing approximately 3,425 linear feet of 8" water main, valves, hydrants, services and appurtenances from the end of Byron Water District No. 7 (approximately 500 linear feet west of Batavia Byron Road) to approximately 800 linear feet east of Transit Road.

The proposed water main is anticipated to be located on the north side of Walkers Corners Road, generally within the right-of-way.

➤ **Batavia Byron Road**

The proposed improvements along Batavia Byron Road consist of installing approximately 4,800 linear feet of 8" water main, valves, hydrants, services and appurtenances from Walkers Corners Road to the Byron-Stafford Town Line.

The proposed water main is anticipated to be located on the east side of Batavia Byron Road, generally within the right-of-way.

6. Hydraulic Calculations

A computer model was used to estimate the hydraulic conditions in the proposed Water District. The detailed Water System Hydraulic Calculations are included in **Appendix F**.

Table 3 Proposed Hydraulic Conditions summarizes the estimated static and residual pressures and fire flow conditions throughout the proposed water district.

7. Permits, Approvals and Easement Requirements

The water main will generally be located within the Town, County and State highway right-of-ways. On rare occasions, the water main, fire hydrants or appurtenances may need to be installed on private easements. In those cases, the Town Engineer will prepare a permanent easement map and work with the MCWA Staff who will prepare the easement and description for execution by the property owner. In addition, temporary easements may be necessary for installation of the improvements.

The Project will require permits and approvals from the following agencies:

- Genesee County Health Department Approval
- Genesee County Highway Department Approval
- Byron Highway Department Approval
- US Army Corp of Engineers Nationwide Permit
- USDA Rural Development Approval
- Monroe County Water Authority (MCWA) Approval and execution of a Water District Main Extension Agreement
- NYS Department of Transportation (NYSDOT) Highway Work Permit
- NYS Department of Environmental Conservation
- Storm Water Pollution Prevention Plan (SWPPP)
 - Freshwater Wetlands (TBD)
 - Water Quality Certification (TBD)
 - Stream Disturbance (TBD)

Table 3: Proposed Hydraulic Conditions

Junction	Location	Static	Fire Flow	Residual
		Pressure (psi)	(gpm)	Pressure (psi)
J-90	Route 262 @ Transit Road	87	926	20
J-96	Tower Hill Road @ Transit Road	54	907	20
J-92	Route 262 @ Batavia Byron Road	97	1,353	20
J-95	Searls Road @ 750 LF north of Tower Hill	86	1,509	40
J-98	Shelt Road @ 5630 Shelt Road	67	692	20
J-97	Shelt Road @ Merriman Road	63	873	20
J-99	Cook Road @ Upper Holley Road	65	948	20
J-102	Upper Holley Road @ Clarendon TL	69	792	20
J-100	Searls Road @ Cook Road	67	1,044	21

J-104	Route 237 @ Clarendon Town Line	74	1,026	20
J-106	Route 237 @ North Bergen Road	78	1,363	27
J-116	Bird Road @ North Bergen Road	84	1,127	34
J-117	Bird Road @ East Bird Road	69	1,035	20
J-118	Bird Road @ Clarendon Town Line	71	827	20
J-112	Merrill Road @ East Bird Road	81	1,098	29
J-113	Merrill Road @ Clarendon Town Line	72	854	20
J-115	North Bergen Road @ Bergen Town Line	82	852	20
J-107	Warboys Road @ Fairgrounds Road	87	1,342	21
J-110	Warboys Road @ Bergen Town Line	93	927	20
J-78	Batavia Byron Road @ Stafford TL	69	776	20
J-79	Walkers Corners Road @ West End	63	766	20
J-83	7001 Clinton Street Road	71	635	24
J-85	School Road @ Leroy Town Line	71	613	20

B. HOMES, POPULATION AND BUSINESSES SERVED

It is estimated that the project will serve approximately 247 Chargeable Units, which are defined as an occupied unit with anticipated water use generally equivalent to that of a single-family home. This includes vacant buildable parcels which have been assigned a 0.5 Chargeable Unit each. This is based on a review of properties that are located within the proposed Water Benefit Area and confirmed by the Town Assessor. Included in **Appendix E** is a complete list of property information.

There will be approximately 224 water hookups within the Benefit Area. Assuming approximately 2.7 people per household, the estimated equivalent population of the service area is approximately 605 people.

For the assessment of capital costs, the number of Chargeable Units estimated for the Benefit Area is 247. With the exception of properties within an agricultural district that are considered "Ag Exempt", vacant or unimproved properties, including agricultural lands, will be assessed a benefit charge of 0.50.

C. NEW/EXISTING DISCHARGES TO OR WITHDRAWALS FROM SURFACE OR GROUNDWATER

Other than the required flushing of the new water mains for disinfection and testing, no discharges to surface or ground waters is anticipated. No new withdrawals from surface or groundwater are proposed as part of this project.

D. VOLUME OR LOADING OF POLLUTANTS TO RECEIVING WATERS

No increases in volume or loading of pollutants from existing discharges to receiving waters are anticipated with the project.

E. CAPITAL COST ESTIMATE

The program costs have been developed using projections of construction cost factors that MRB Group feels are representative of market conditions in this region. **Table 4** represents the Preliminary Opinion of Probable Costs that has been prepared for the project. The cost estimate includes mobilization/demobilization and all other incidental costs including legal, Administrative and Engineering.

The summary of the Maximum Amount proposed to be expended for the Improvements are provided as follows:

a.	Construction	\$ 7,388,285
b.	Contingency	\$ 1,108,243
c.	Engineering	\$ 1,034,645
d.	Legal and Administrative	\$ 443,827
	Sub-Total Project Costs	\$ 9,975,000
	Less Anticipated USDA RD Grant	<u>\$(4,489,000)</u>
	Net Local Share (Loan Amount)	\$ 5,486,000

Annual Debt Service Payment with Grant \$ 253,478
(Based upon a 3.25% interest rate for 38-years)

Total Number of Chargeable Units in Project Area 247

Estimated Debt Service Cost per Chargeable Unit \$ 1,026.23

Vacant buildable parcels which have been assigned a 0.5 Chargeable Units each will pay \$513.12 per year for debt service only.

We have included mobilization/demobilization, lawn restoration, fittings, bonds, insurance, and miscellaneous items in the cost estimate, spread out over the appropriate payment items. These miscellaneous items are provided to sufficiently cover the associated costs.

Based upon our experience and similar project recently bid, we feel that 15% contingency is sufficient, even at the Preliminary Engineering Phase.

The Project Budget (Form E) is included in **Appendix G**.

F. Potential Construction Concerns

Based on the information presently available, no significant construction problems are anticipated. In general, the project will be constructed in open areas within the Town, County and State road rights-of-way or on obtained easements. A review of the Soil Survey of Genesee County, New York reveals limited potential for encountering bedrock during installation of the water main, based on the soil classifications in the project area. Limited test pits will be excavated during final design to confirm that bedrock will not be encountered.

G. Environmental Impacts

The water main construction will occur along the road right-of-way or selected easements. Water main trench construction involves excavation of a trench, placement of piping within the trench, restoration of the ground surface, and re-seeding of vegetation. Excavation will not be excessive and will occur primarily within previously disturbed and graded areas.

Pipe installation in proximity to wetlands and streams will likely be completed by horizontal directional drilling to minimize impacts. The Town will work with NYSDEC and ACOE to obtain the proper permits for work within stream or wetland areas. Work within agricultural lands will be conducted in accordance with Section 305(4). Based on the environmental review, the project should not impact areas of archaeological sensitivity, endangered or threatened species, or rare plants or animals.

H. **Proposed Schedule**

The Project will progress forward based upon availability of funding from USDA Rural Development. A general schedule is provided as follows:

Environmental Review (SEQR & NEPA)	3-4 months
Grant and Loan application & Notification	4-6 months
Design Phase Services	4-6 months
Permits, Approvals and Easements	3-5 months
Bidding Phase and Award of Contracts	2-3 months
Construction Phase	6-9 months

I. **ANNUAL OPERATING BUDGET**

1. **Income**

The lease agreement between the Town and the MCWA requires the Authority to maintain and operate the system and deliver water to its customers on a retail basis. The Town will have no operation and maintenance responsibilities, nor any associated financial responsibilities. The required income for operation and maintenance will be incorporated into the MCWA retail rate.

2. **Operation and Maintenance Costs**

The MCWA will be responsible for the Operation and Maintenance (O&M) of the proposed water system improvements. The cost for O & M is included in the water rate charged to each user of the system.

Income from the residential water usage will be used to cover the cost of water and associated operation and maintenance of the system. The water system is operated on a retail lease agreement with the MCWA.

As stated previously, costs associated with the town using materials that are not included in the current MCWA standards will be the responsibility of the water Improvement Benefit Area.

The average single-family home which uses 60,000 gallons of water per year (15,000 gallons per quarter) will receive an invoice for water use as follows:

60,000 gallons @ \$3.58/1,000 gallons	=	\$ 214.80
Meter fee @ \$0.23 per day	=	\$ 83.95
Genesee Co. Debt service @ \$1.20/1,000 gallons	=	\$ 72.00

<u>Repair/Reserve Account Fee</u>	=	\$ 20.00
Total Cost of Water per Year	=	\$ 390.75

Total AVG. Cost of Water per Quarter = \$ 390.75/4 Quarters/Year
= \$ 97.69/Quarter

3. Property Owner Costs

As part of the project costs, the Town's contractor will install a water service with a shut off valve at the front right-of-way line to each property that signs up for water service from the MCWA.

The property owner will be responsible for costs associated with the installation of the private water service from the right-of-way to their home or building, internal plumbing changes, disconnection of their private water supply (well) from the public system, the MCWA Meter Fee and Initial Account Fee and the water purchase cost.

Commodity charges will be made to all users on a quarterly schedule and based on their individual metered consumption at the adopted rates of the MCWA.

The debt service charge will be on an annual basis (on January 1 each year), and will be included as a line item in the Town/County Tax Bill.

4. Well Abandonment

As part of the project MCWA offers the following Options relating to dealing with the existing wells:

- **Option 1 Well Abandonment:** No Cost to Homeowner. (This is the preferred Option). The homeowners only cost associated with this option is to pay for the physical disconnection of the well from the home.
- **Option 2 Well Separation:** One-time Easement Fee of \$500 + \$80 Inspection Fee every 5 years.
- **Option 3 Backflow Prevention Device:** Must be designed by a NYS Licensed Professional Engineer and must be tested annually. This option is the most-costly.

Note: The final decision regarding Option 2 & 3 is up to the MCWA based upon groundwater conditions in the area. The costs for these items are subject to periodic adjustment and are included in the MCWA published Rate Schedule.

5. Debt Repayment

Proposed financing for the project has been developed based on the following assumptions:

- a. Total project cost is estimated at \$9,975,000 as per the Preliminary Project

Cost Estimate in **Table 3.**

- b. The project would need to qualify for a grant in the amount of \$4,489,000 from USDA Rural Development.
 - c. The balance of the project costs would be financed by a USDA Rural Development loan of \$5,486,000 (38 years at 3.25%).
- 6. Estimated Costs for the Average Residential User (Single-Family Home)**

The **estimated first year costs** for the average residential user (single-family home) would be as follows:

1.	MCWA Water Meter & Account Fee	= \$ 240.00
2.	Installation of Water Service (100 lf x \$12/lf)	= \$1,200.00
3.	Internal Plumbing Changes	= \$ 200.00
4.	Repayment of Long-Term Bonding	= \$ 1,026.23
5.	Purchase of Water (60,000 gal./yr.)	= \$ 370.75
6.	Plus reserve repair account	= \$ 20.00
Total First Year Costs for the Average Residential User (Single-Family Home)		= \$ 3,056.98

The **estimated annual costs** for the average residential user (single-family home) **after the first year** would be as follows:

1.	Repayment of Long-Term Bonding	= \$ 1,026.23
2.	Purchase of Water (60,000 gal./yr.)	= \$ 370.75
3.	Plus reserve repair account	= \$ 20.00
Total Second Year and beyond Costs for the Average Residential User (Single-Family Home)		= \$ 1,416.98

7. Estimated Costs for a Buildable Vacant Lot

The estimated annual costs for the buildable vacant lot would be the annual debt service charge of \$513.12 which equates to 0.50 Chargeable Unit charge.

8. Worst-Case Scenario (WITH NO GRANTS)

This project is highly dependent upon receiving grant assistance from USDA Rural Development.

The estimated first year costs for the average residential user (single-family home) **WITHOUT GRANT ASSISTANCE** would be as follows:

1.	MCWA Water Meter & Account Fee	= \$ 240.00
2.	Installation of Water Service (100 lf x \$12/lf)	= \$1,200.00
3.	Internal Plumbing Changes	= \$ 200.00
4.	Repayment of Long-Term Bonding	= \$1,865.95
5.	Purchase of Water (60,000 gal./yr.)	= \$ 370.75

6.	Plus reserve repair account	= \$ 20.00
	Total First Year Costs for the Average Residential User (Single-Family Home)	= \$ 3,896.70

The estimated annual costs for the average residential user (single-family home) **WITHOUT GRANT ASSISTANCE** after the first year would be as follows:

1.	Repayment of Long-Term Bonding	= \$ 1,865.95
2.	Purchase of Water (60,000 gal./yr.)	= \$ 370.75
3.	Plus reserve repair account	= \$ 20.00
	Total Second Year and beyond Costs for the Average Residential User (Single-Family Home)	= \$ 2,256.70

J. SHORT-LIVED ASSETS

The proposed project is a new water system with a design life of at least 40 years. There are no short-lived assets that would require the expenditure of capital dollars, other than the normal operation and maintenance expenses associated with operating the system. Operation and maintenance costs are covered through the MCWA retail rate structure therefore there are no short-lived assets for this project.

K. Sustainability Considerations

Residents are encouraged to conserve water by installing low flow plumbing devices. The MCWA has standardized various materials such as fire hydrants, valves, meters, etc. which limits the necessity for keeping a large inventory of various different manufacturers products.

Repayment of the long-term bonding will be paid for by the Chargeable Units within the proposed district. Operation and Maintenance of the system will be performed by the MCWA, with the water cost being sufficient to cover the purchase of water as well as operation and maintenance.

L. Use of Remaining Funds

Upon the completion of the Project, should the budget permit, the Town should consider providing reimbursement for flushing of water mains prior to completion of the necessary water quality testing.

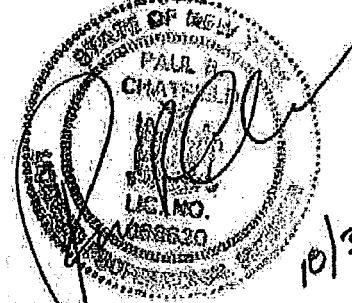
Another item for consideration if budget allows would be to provide financial assistance for the Town Highway Department to true and level areas of existing roadways within the Water Improvement Benefit Area that gets disturbed during construction not as the result of the Contractors operation. These older rural roads may become deteriorated as a result of the contractors work operation and may not be avoidable by the contractor. As the project gets closer to construction an evaluation of the roadways will take place with the Town Highway Superintendent to document the existing road conditions.

VII. CONCLUSIONS AND RECOMMENDATIONS

There is a substantial need and desire for public water to be extended into the areas presented in this report.

In order for this project to be reasonably affordable to residents, an RD grant of must be obtained and RD financing in accordance with the information outlined in this Report. Based on the favorable disposition of all of the above factors, it is the recommendation of MRB to apply for RD funding and implement the program, accordingly.

Respectfully submitted,

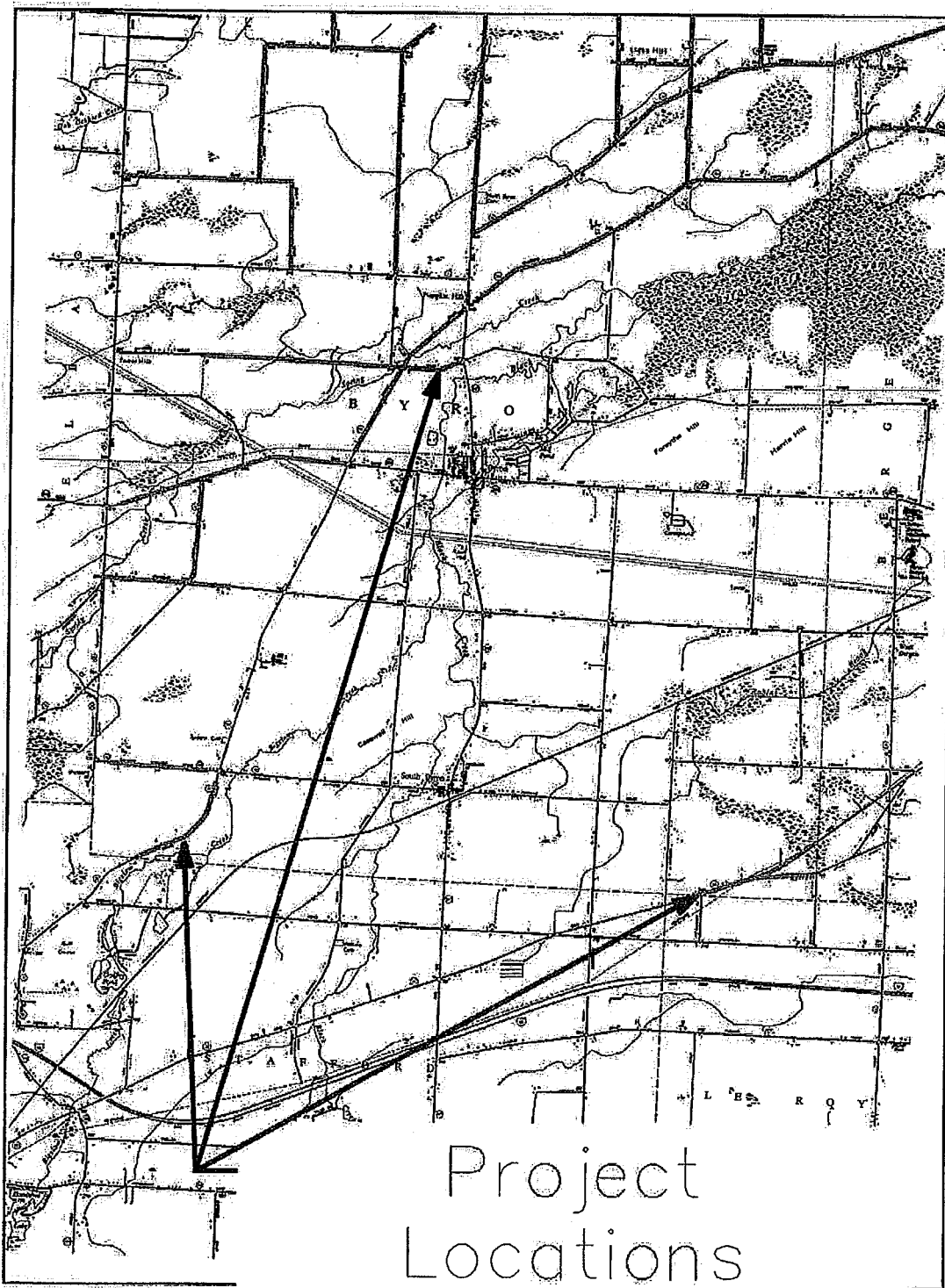


Paul R. Chaffield, P.E.
MRB Group Engineering, Architecture & Surveying, D.P.C

FIGURE 1

GENERAL LOCATION MAP

NORTH



SCALE:
N.T.S.

DATE:
7/2019

PROJECT No.
0204.18006

PROJECT NAME
**TOWN OF BYRON
GENESEE COUNTY, NY
W.I.B.A. No. 1, FIG. No.1:
GENERAL LOCATION MAP**

MRB *group*

Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585-381-9250
www.mrbgroup.com

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DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE
NEW YORK EDUCATION LAW ARTICLE 145
SECTION 7209 AND APPLIES TO THIS
DRAWING:
"IT IS A VIOLATION OF THIS LAW FOR ANY
PERSON UNLESS ACTING UNDER THE
DIRECTION OF A LICENSED PROFESSIONAL
ENGINEER OR LAND SURVEYOR TO ALTER
AN ITEM IN ANY WAY IF AN ITEM BEARING
THE SEAL OF AN ENGINEER OR LAND
SURVEYOR IS ALTERED. THE ALTERING
ENGINEER OR LAND SURVEYOR SHALL AFFIX
HIS SEAL AND THE NOTATION "ALTERED BY"
FOLLOWED BY HIS SIGNATURE AND THE
DATE OF SUCH ALTERATION AND A
SPECIFIC DESCRIPTION OF THE ALTERATION."

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FIGURE 2

PROJECT LOCATION MAP

NORTH



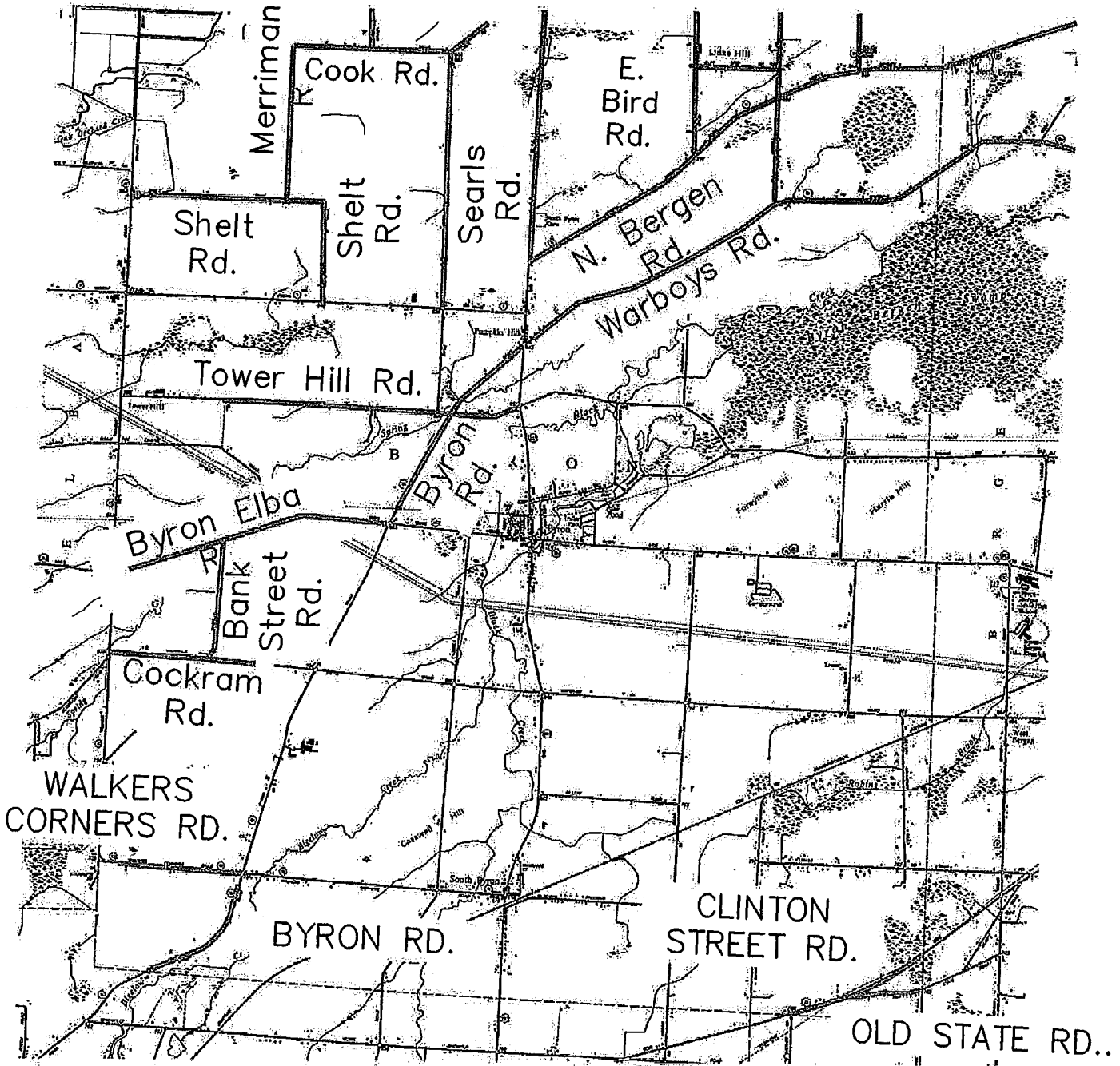
Upper
Holley Rd.

Byron Holley
Rd.

Bird
Rd.

Merrill
Rd.

South
Holley Rd.



SCALE:
N.T.S.

DATE:
7/2019

PROJECT No.
0204.18006

PROJECT NAME
TOWN OF BYRON
GENESEE COUNTY, NY
W.I.B.A. No. 1, FIG. No. 2:
PROJECT LOCATION MAP

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Engineering, Architecture & Surveying, D.P.C.
1 The Culver Road Artery, 145 Culver Road, Suite 160, Rochester, New York 14620
Phone: 585-381-9250
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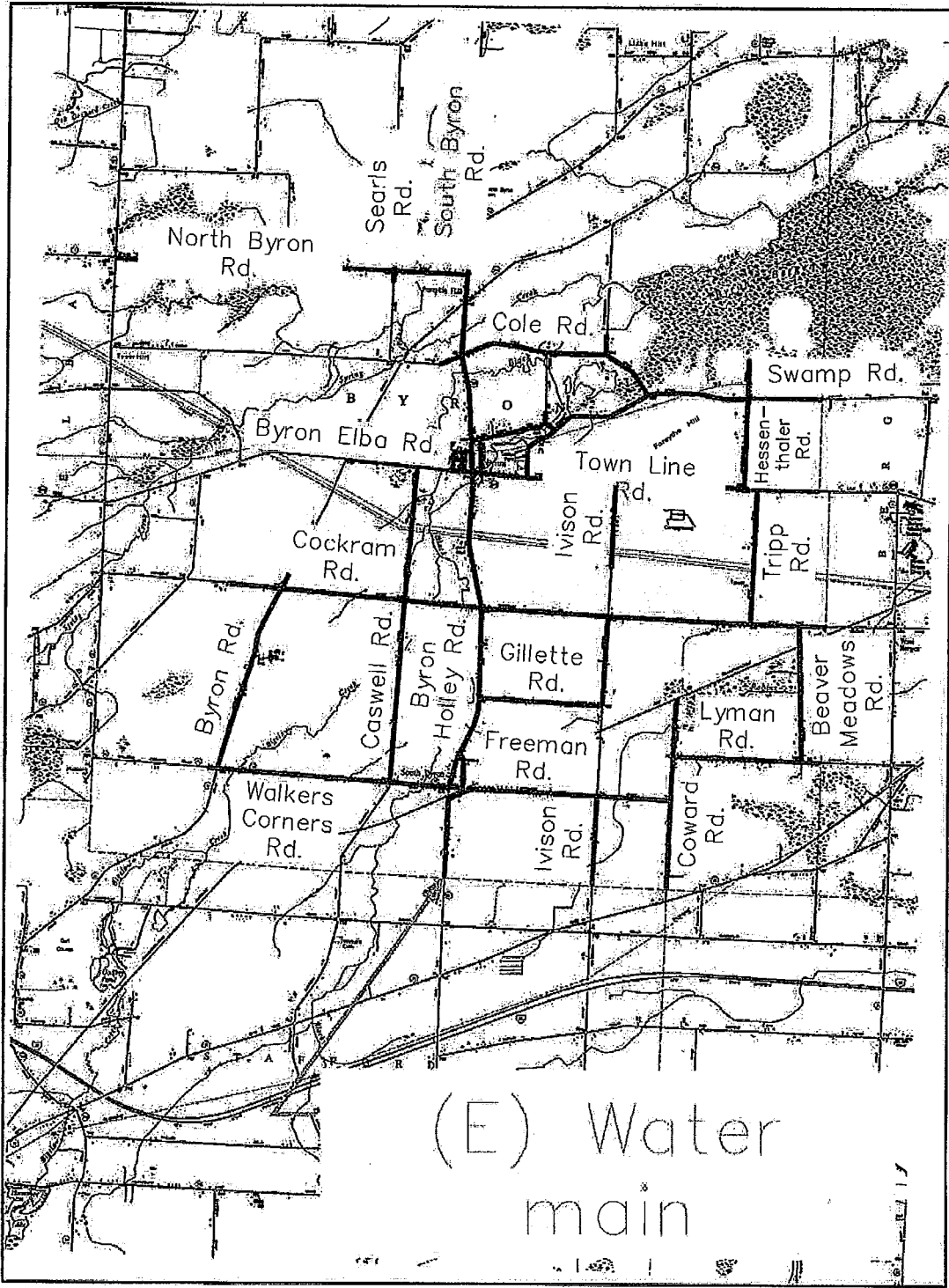
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DRAWING ALTERATION
THE FOLLOWING IS AN EXCERPT FROM THE NEW YORK EDUCATION LAW ARTICLE 145 SECTION 7209 AND APPLIES TO THIS DRAWING.
"IT IS A VIOLATION OF THIS LAW FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION."

FIGURE 3

EXISTING FACILITIES MAP

NORTH



SCALE:
N.T.S.

DATE:
7/2019

PROJECT No.
0204.18006

PROJECT NAME
**TOWN OF BYRON
GENESEE COUNTY, NY
W.I.B.A. No. 1, FIG. No. 3:
EXISTING FACILITIES**

MRB | *group*

Engineering, Architecture & Surveying, D.P.C.
The Culver Road Armory, 145 Culver Road, Suite 160, Rochester, New York 14620
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TABLE 4

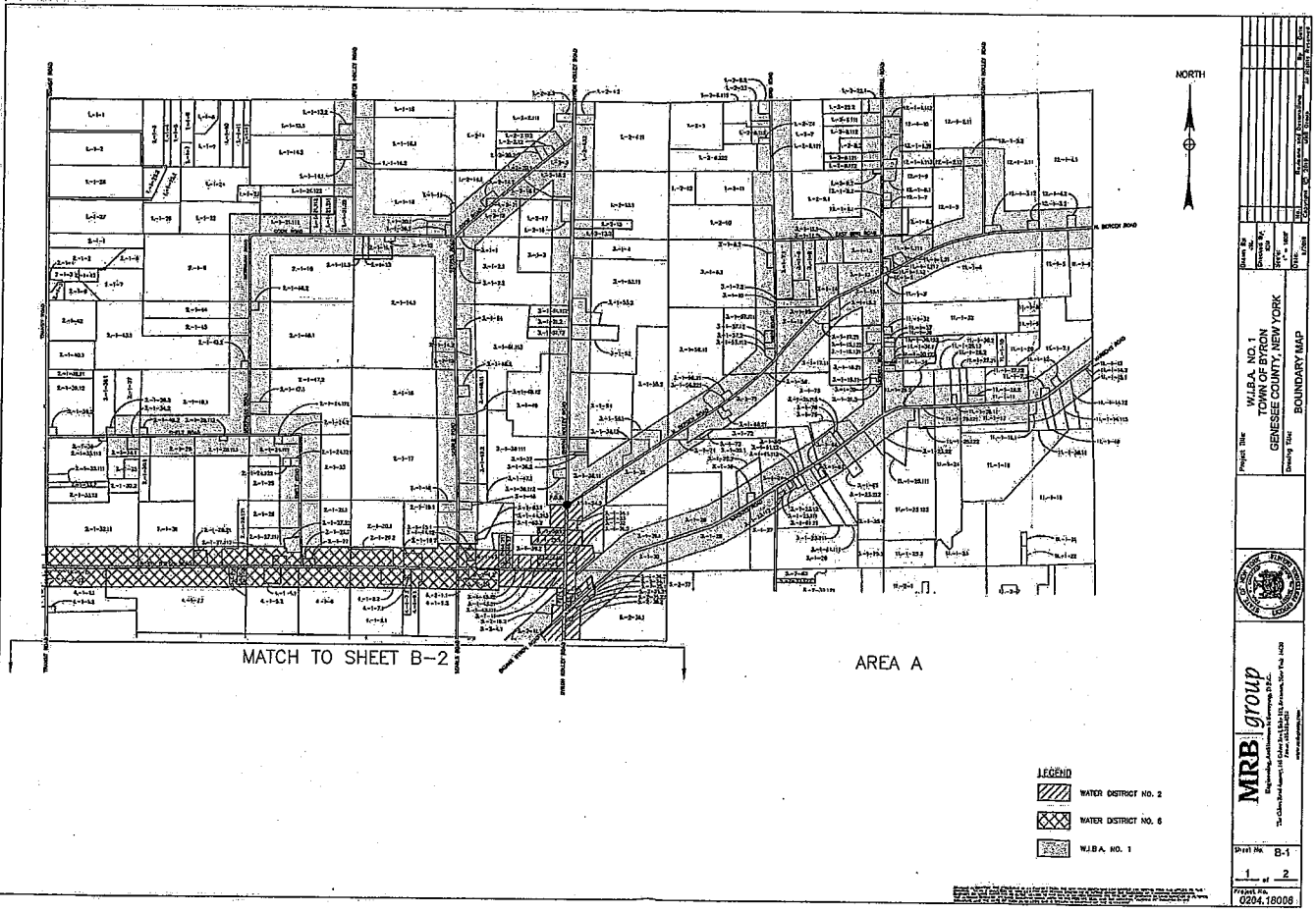
PRELIMINARY OPINION OF PROBABLE COST

Table 4
Town of Byron WIBA No. 1
Opinion of Probable Cost
September 8, 2020

Item #	Description	Unit	Qty	Unit Price	Amount
02229	Rock Removal	750	CY	\$ 75	\$ 56,250
02230	Select Fill	750	CY	\$ 55	\$ 41,250
02444	8" DR-11 HDPE Directional Borings for Creek Crossings	6	EA	\$ 21,000	\$ 126,000
02445A	20" Horizontal Boring Under NYS & County Highways	6	EA	\$ 36,000	\$ 216,000
02611A	8" DR-18 PVC Water Main	145,815	LF	\$ 32	\$ 4,666,080
02611B	Pipe Bedding	145,815	LF	\$ 1	\$ 145,815
02630A	1" Corp. Stop, Tap and Saddle	224	EA	\$ 675	\$ 151,200
02630B	1" Short Side Service	112	EA	\$ 325	\$ 36,400
02630C	1" Long Side Service	112	EA	\$ 725	\$ 81,200
02630D	1" Curb Stop & Box	224	EA	\$ 485	\$ 108,640
02645A	Hydrant Assembly	248	EA	\$ 4,900	\$ 1,215,200
02645C	Emergency Pump Connection Assembly	1	EA	\$ 8,500	\$ 8,500
02645E	6" Hydrant Extension	6	EA	\$ 450	\$ 2,700
02645F	12" Hydrant Extension	6	EA	\$ 500	\$ 3,000
02645G	18" Hydrant Extension	6	EA	\$ 550	\$ 3,300
02650A	Direct Water Main Connection	10	EA	\$ 2,950	\$ 29,500
02650B	8" x 8" Tapping Sleeve & Valve	4	EA	\$ 7,500	\$ 30,000
02654A	2" Tapped Tee Blow-Off	6	EA	\$ 2,800	\$ 16,800
02654B	Portable Flushing Unit	12	EA	\$ 4,000	\$ 48,000
02660	8" Gate Valve, Box and Marker	149	EA	\$ 2,250	\$ 335,250
02720	12" SICPP Storm Sewers with End Sections	300	LF	\$ 40	\$ 12,000
02920A	Asphalt Road Restoration	300	LF	\$ 55	\$ 16,500
02920B	Asphalt Driveway Restoration	450	LF	\$ 35	\$ 15,750
02920C	Crushed Stone Driveway Restoration	450	LF	\$ 25	\$ 11,250
02920D	Crushed Stone Shoulder Restoration	500	LF	\$ 15	\$ 7,500
02920E	Concrete Driveway Restoration	70	LF	\$ 60	\$ 4,200
Sub-Total Construction Cost =					\$ 7,388,285
Plus 15% Contingencies =					\$ 1,108,243
Plus Engineering Services =					\$ 1,034,645
Plus Legal & Administration Services =					\$ 443,827
Total Project Cost =					\$ 9,975,000
Less USDA RD Grant =					\$ (4,425,000)
Total Amount Financed =					\$ 5,550,000
Annual Principal & Interest Payment (3.25% for 38 Years) =					\$ 205,520
Chargeable Units in Proposed District =					247.0
Estimated Debt Service Cost =					\$832.07
Annual Meter Charge @ \$0.23/Day (From MCWA) =					\$83.95
Cost of Water @ \$3.72/1,000 Gal. (From MCWA) =					\$223.20
Genesee County Water Charge (@ \$1.20/1,000 gal.) =					\$72.00
Reserve Repair Account =					\$20.00
Estimated Cost/Year/Residence =					\$1,231.22

APPENDIX A

BOUNDARY MAP & DESCRIPTION







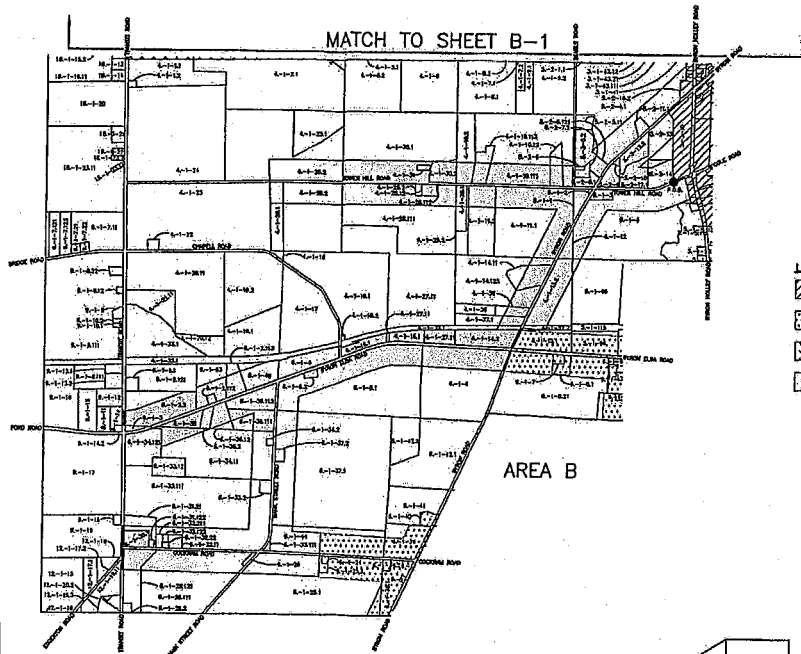
MATCH TO SHEET B-1

NORTH

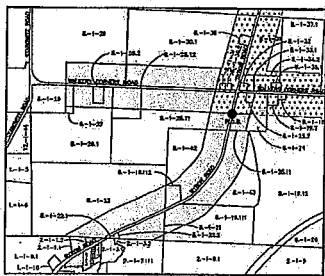


LEGEND

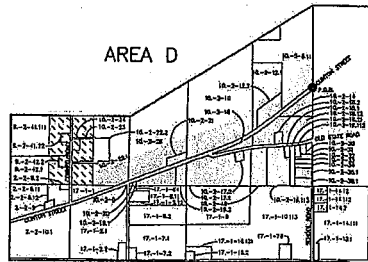
-  WATER DISTRICT NO. 2
-  WATER DISTRICT NO. 7
-  WATER DISTRICT NO. 8
-  W.I.B.A. NO. 1




AREA C



AREA D



Scale: 1" = 100'	Drawn By: [Name]	Checked By: [Name]	Date: [Date]
Project Title: W.I.B.A. NO. 1 TOWN OF BYRON GENESSEE COUNTY, NEW YORK	Boundary Map		
			
MRB Group Engineering, Architecture & Surveying, LLC 100 West 10th Street, Buffalo, NY 14203 Phone: 716-855-1000 Fax: 716-855-1001 Website: www.mrbgroup.com			
Sheet No. B-2	Project No. 0204.16006		

**BOUNDARY DESCRIPTION
FOR THE TOWN OF BYRON
WATER IMPROVEMENT BENEFIT AREA NO. 1
GENESEE COUNTY, NEW YORK
AUGUST 2, 2019**

The Town of Byron Water Improvement Benefit Area No. 1 shall have an exterior boundary described as follows:

Area A:

Beginning at a point, said point being the intersection of the centerline of Byron Holley Road and the centerline of North Bergen Road; thence

1. Westerly, 500 feet more or less, along a line perpendicular to the centerline of Byron Holley Road to a point, said point being 500 feet westerly of the centerline of Byron Holley Road; thence
2. Northerly, 8086 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Byron Holley Road to a point, said point being 500 feet south easterly of the centerline of Cook Road; thence
3. Southwesterly, 2593 feet more or less, along a line parallel to and 500 feet southeasterly of the centerline of Cook Road to a point, said point being 500 feet easterly of the centerline of Searls Road; thence
4. Southerly, 7404 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Searls Road to a point; thence
5. Westerly, 1000 feet more or less, along a line perpendicular to the centerline of Searls Road to a point, said point being a northwesterly boundary corner of The Town of Byron Water District No. 6; thence
6. Northerly, 7133 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Searls Road to a point, said point being 500 feet southerly of the centerline of Cook Road; thence
7. Westerly, 4170 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Cook Road to a point, said point being 500 feet easterly of the centerline of Merriman Road; thence
8. Southerly, 3970 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Merriman Road to a point, said point being 500 feet northerly of the centerline of Shelt Road; thence
9. Easterly, 1289 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Shelt Road to a point; thence
10. Southerly, 3297 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Shelt Road to a point, said point being along a northerly boundary of The Town of Byron Water District No. 6; thence

11. Westerly, 500 feet more or less, along a northerly boundary of The Town of Byron Water District No. 6 to a point; said point being along the centerline of Shelt Road; thence
12. Southerly, 140 feet more or less, along the centerline of Shelt Road to a point, said point being along a northerly boundary of The Town of Byron Water District No. 6; thence
13. Westerly, 364 feet more or less, along a southerly property line of Tax Account 2.-1-27.22 to a point, said point being a southwesterly property corner of Tax Account 2.-1-27.22, and along a northerly boundary of The Town of Byron Water District No. 6; thence
14. Northerly, 97 feet more or less, along a westerly property line of Tax Account 2.-1-27.22 to a point, said point being a southwesterly property corner of Tax Account 2.-1-27.22, and along a northerly boundary of The Town of Byron Water District No. 6; thence
15. Westerly, 52 feet more or less, along a southerly property line of Tax Account 2.-1-27.22 to a point, said point being a southwesterly property corner of Tax Account 2.-1-27.22 and along a northerly boundary of The Town of Byron Water District No. 6; thence
16. Northerly, 39 feet more or less, along a westerly property line of Tax Account 2.-1-27.22 to a point, said point being along a westerly property line of Tax Account 2.-1-27.22 and along a northerly boundary of The Town of Byron Water District No. 6; thence
17. Westerly, 83 feet more or less, along a northerly boundary of The Town of Byron Water District No. 6 to a point, said point being 500 feet westerly of the centerline of Shelt Road; thence
18. Northerly, 2270 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Shelt Road to a point, said point being 500 feet southerly of the centerline of Shelt Road; thence
19. Westerly, 4330 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Shelt Road to a point; thence
20. Northerly, 714 feet more or less, along a line perpendicular to the centerline of Shelt Road to a point, said point being the northwesterly property corner of Tax Account 2.-1-38.2; thence
21. Easterly, 206 feet more or less, along the northerly property line of Tax Account 2.-1-38.2 to a point, said point being the northeasterly property corner of Tax Account 2.-1-38.2; thence
22. Northerly, 289 feet more or less, along the westerly property line of Tax Account 2.-1-37 to a point, said point being 500 feet northerly of the centerline of Shelt Road; thence
23. Easterly, 2856 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Shelt Road to a point, said point being 500 feet westerly of the centerline of Merriman Road; thence
24. Northerly, 4978 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Merriman Road to a point; thence
25. Easterly, 2615 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Cook Road to a point, said point being 500 feet westerly of the centerline of Upper Holley Road; thence

26. Northerly, 2866 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Upper Holley Road to a point, said point being along the northerly property line of Tax Account 1.-1-13.1; thence
27. Easterly, 1000 feet more or less, along a line perpendicular to the centerline of Upper Holley Road to a point, said point being 500 feet easterly of the centerline of Upper Holley Road and along the northerly property line of Tax Account 1.-1-15; thence
28. Southerly, 2866 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Upper Holley Road to a point, said point being 500 feet northerly of the centerline of Cook Road; thence
29. Easterly, 1870 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Cook Road to a point; thence
30. Northeasterly, 3488 feet more or less, along a line parallel to and 500 feet northwesterly of the centerline of Cook Road to a point, said point being 500 feet westerly of the centerline of Byron Holley Road; thence
31. Northerly, 651 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Byron Holley Road to a point, said point being along the northerly property line of Tax Account No. 1.-2-2.111; thence
32. Westerly, 1000 feet more or less, along a line perpendicular to the centerline of Byron Holley Road to a point, said point being 500 feet easterly of the centerline of Byron Holley Road and along the northerly property line of Tax Account 1.-2-4.11; thence
33. Southerly, 9094 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Byron Holley Road to a point, said point being 500 feet northerly of the centerline of North Bergen Road; thence
34. Northeasterly, 5171 feet more or less, along a line parallel to and 500 feet northerly of the centerline of North Bergen Road to a point, said point being 500 feet westerly of the centerline of Bird Road; thence
35. Northerly, 4436 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Bird Road to a point, said point being along the southerly property line of Tax Account 1.-2-6.122; thence
36. Easterly, 124 feet more or less, along the southerly property line of Tax Account 1.-2-6.122 to a point, said point being the southwestly property corner of Tax Account 1.-2-6.121; thence
37. Northerly, 692 feet more or less, along the westerly property line of Tax Account 1.-2-6.122 to a point, said point being the northwestly property corner of Tax Account 1.-2-6.121; thence
38. Westerly, 130 feet more or less, along the southerly property line of Tax Account 1.-2-6.115 to a point, said point being 500 feet westerly of the centerline of Bird Road; thence
39. Northerly, 1063 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Bird Road to a point, said point being a northwestly property corner of Tax Account 1.-2-23; thence

40. Easterly, 1000 feet more or less, along a line perpendicular to the centerline of Bird Road to a point, said point being along the northerly property line of Tax Account 1.-2-7; thence
41. Southerly, 2974 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Bird Road to a point, said point being 500 feet northerly of the centerline of East Bird Road; thence
42. Easterly, 1723 feet more or less, along a line parallel to and 500 feet northerly of the centerline of East Bird Road to a point, said point being 500 feet westerly of the centerline of Merrill Road; thence
43. Northerly, 2959 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Merrill Road to a point, said point being along the northerly property line of Tax Account 1.-2-22.2; thence
44. Easterly, 1000 feet more or less, along a line perpendicular to the centerline of Merrill Road to a point, said point being along the northerly property line of Tax Account 12.-1-10; thence
45. Southerly, 3631 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Merrill Road to a point, said point being 500 feet northerly of the centerline of North Bergen Road; thence
46. Easterly, 1683 feet more or less, along a line parallel to and 500 feet northerly of the centerline of North Bergen Road to a point, said point being 500 feet westerly of the centerline of South Holley Road; thence
47. Northerly, 1753 feet more or less, along a line parallel to and 500 feet westerly of the centerline of South Holley Road to a point, said point being the northwesterly property corner of Tax Account 12.-1-2.2; thence
48. Easterly, 1000 feet more or less, along a line perpendicular to the centerline of South Holley Road to a point, said point being 500 feet easterly of the centerline of South Holley Road; thence
49. Southerly, 1568 feet more or less, along a line parallel to and 500 feet easterly of the centerline of South Holley Road to a point, said point being 500 feet northerly of the centerline of North Bergen Road; thence
50. Easterly, 2266 feet more or less, along a line parallel to and 500 feet northerly of the centerline of North Bergen Road to a point, said point being along the easterly property line of Tax Account 12.-1-4.1; thence
51. Southerly, 1000 feet more or less, along a line perpendicular to the centerline of North Bergen Road to a point, said point being along the easterly property line of Tax Account 11.-1-6; thence
52. Westerly, 4978 feet more or less, along a line parallel to and 500 feet southerly of the centerline of North Bergen Road to a point, said point being 500 feet easterly of the centerline of Merrill Road; thence
53. Southerly, 2481 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Merrill Road to a point, said point being 500 feet northerly of the centerline of Warboys Road; thence

54. Easterly, 5142 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Warboys Road to a point, said point being along an easterly property line of Tax Account 11.-1-7.1; thence
55. Southerly, 1230 feet more or less, along a line consisting of easterly property lines of Tax Account 11.-1-7.1, Tax Account 11.-1-13, Tax Account 11.-1-14.2, Tax Account 11.-1-15.1 to a point, said point being 500 feet southerly of the centerline of Warboys Road; thence
56. Westerly, 14670 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Warboys Road to a point, said point being along an easterly boundary of The Town of Byron Water District No. 2; thence
57. Northerly, 439 feet more or less, along an easterly boundary of the Town of Byron Water District No. 2 to a point, said point being along a northerly property line of Tax Account 5.-2-36.1; thence
58. Northeasterly, 469 feet more or less, along a northerly property line of Tax Account 5.-2-36.1 to a point, said point being a northwesterly property corner of Tax Account 5.-2-36.1; thence
59. Northerly 247 feet more or less, along a westerly property line of Tax Account 5.-2-36.1 to a point, said point being along the centerline of Warboys Road; thence
60. Southwesterly, 50 feet more or less, along the centerline of Warboys Road to a point; thence
61. Northerly, 298 feet more or less along a westerly property line of Tax Account 5.-2-33 to a point, said point being a southwesterly property corner of Tax Account 5.-2-33; thence
62. Westerly, 149 feet more or less, along a southerly property line of Tax Account 5.-2-33 to a point, said point being a southwesterly property corner of Tax Account 5.-2-33; thence
63. Southerly, 21 feet more or less, along a westerly property line of Tax Account 5.-2-33 to a point, said point being a southwesterly property corner of Tax Account 5.-2-33; thence
64. Southwesterly, 376 feet more or less, along a southerly property line of Tax Account 5.-2-33 to a point, said point being a southwesterly property corner of Tax Account 5.-2-33; thence
65. Northerly, 350 feet more or less, along a westerly property line of Tax Account 5.-2-33 to a point, said point being along an easterly boundary of The Town of Byron Water District No. 2; thence
66. Easterly, 8490 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Warboys Road to a point, said point being 500 feet westerly of the centerline of Merrill Road; thence
67. Northerly, 2441 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Merrill Road to a point, said point being 500 feet southerly of the centerline of North Bergen Road; thence
68. Westerly, 4709 feet more or less, along a line parallel to and 500 feet southerly of the centerline of North Bergen Road to a point, said point being a southwesterly property corner of Tax Account 3.-1-71; thence
69. Westerly, 312 feet more or less, along a southerly property line of Tax Account 3.-1-71 to a point, said point being a southwesterly property corner of Tax Account 3.-1-71; thence

70. Southwesterly, 476 feet more or less, along a southerly property line of Tax Account 3.-1-71 to a point, said point being a southwesterly property corner of Tax Account 3.-1-73; thence
71. Easterly, 305 feet more or less, along a northerly property line of Tax Account 3.-1-22.1 to a point; thence
72. Southwesterly, 3692 feet more or less, along a line parallel to and 500 feet southerly of the centerline of North Bergen Road to a point, said point being along an eastern boundary of The Town of Byron Water District No. 2; thence
73. Northerly, 602 feet more or less, along a line parallel to and 400 feet easterly of the centerline of Byron Holley Road to a point, said point being along the centerline of North Bergen Road; thence
74. Southwesterly, 447 feet more or less, along the centerline of North Bergen Road to a point, said point being the Point of Beginning.

Area B:

Beginning at a point, said point being the intersection of the centerline of Tower Hill Road and a southwesterly boundary corner of The Town of Byron Water District No. 2; thence

1. Easterly, 267 more or less, along the centerline of Tower Hill Road to a point, said point being a southwesterly boundary corner of The Town of Byron Water District No. 2; thence
2. Southerly, 505 feet more or less, along a line consisting of the westerly property lines of Tax Account 5.-1-9, Tax Account 5.-1-8, Tax Account 5.-1-7 to a point, said point being 500 feet southerly of the centerline of Tower Hill Road; thence
3. Westerly, 1961 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Tower Hill Road to a point, said point being 500 feet easterly of the centerline of Byron Road; thence
4. Southerly, 3051 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Byron Road to a point, said point being along the southerly property line of Tax Account 4.-1-32.2; thence
5. Westerly, 539 feet more or less, along the southerly property line of Tax Account 4.-1-32.2 to a point, said point being along the centerline of Byron Road; thence
6. Southerly, 1062 feet more or less, along the centerline of Byron Road to a point, said point being 500 feet southerly of the centerline of Byron Elba Road; thence
7. Westerly, 4842 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Byron Elba Road to a point, said point being 500 feet easterly of the centerline of Bank Street Road; thence
8. Southerly, 3056 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Bank Street Road to a point, said point being 500 feet northerly of the centerline of Cockram Road; thence
9. Easterly, 642 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Cockram road to a point, said point being a northwesterly boundary corner of The Town of Byron Water District No. 7; thence
10. Southerly, 1000 feet more or less, along a line perpendicular to the centerline of Cockram Road to a point, said point being a southwesterly boundary corner of The Town of Byron Water District No. 7; thence
11. Westerly, 4518 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Cockram Road to a point, said point being along the centerline of Transit Road; thence
12. Northerly, 1000 feet more or less, along the centerline of Transit Road to a point; thence
13. Easterly, 2917 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Cockram Road to a point, said point being 500 feet westerly of the centerline of Bank Street Road; thence

14. Northerly, 2650 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Bank Street Road to a point, said point being 500 southerly of the centerline of Byron Elba Road; thence
15. Westerly, 2286 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Byron Elba Road to a point, said point being along a westerly property line of Tax Account 6.-1-34.11; thence
16. Northerly, 400 feet more or less, along a westerly property line of Tax Account 6.-1-34.11 to a point, said point being a southwesterly property corner of Tax Account 6.-1-34.11; thence
17. Westerly, 229 feet more or less, along a southerly property line of Tax Account 6.-1-34.11 to a point, said point being a southwesterly property corner of Tax Account 6.-1-34.11; thence
18. Northerly, 33 feet more or less, along a line perpendicular to the centerline of Byron Elba Road to a point, said point being along the centerline of Byron Elba Road; thence
19. Westerly, 637 feet more or less, along a southerly property line of Tax Account 6.-1-2.2 to a point, said point being along the centerline of Transit Road; thence
20. Northerly, 325 feet more or less, along the centerline of Transit Road to a point, said point being 500 feet northerly of the centerline of Byron Elba Road; thence
21. Easterly, 1456 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Byron Elba Road to a point, said point being along the northerly property line of Tax Account 6.-1-2.2; thence
22. Easterly, 274 feet more or less, along the northerly property line of Tax Account 6.-1-2.2 to a point, said point being the northeasterly property corner of Tax Account 6.-1-2.2; thence
23. Northerly, 103 feet more or less, along the westerly property line of Tax Account 6.-1-53 to a point, said point being 500 feet northerly of the centerline of Byron Elba Road; thence
24. Easterly, 1759 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Byron Elba Road to a point, said point being along the northerly property line of Tax Account 6.-1-49; thence
25. Easterly, 254 feet more or less, along the northerly property line of Tax Account 6.-1-49 to a point, said point being the northeasterly property corner of Tax Account 6.-1-49; thence
26. Easterly, 213 feet more or less, along a northerly property line of Tax Account 6.-1-4 to a point, said point being a northwesterly property corner of Tax Account 6.-1-4; thence
27. Northerly, 27 feet more or less, along a westerly property line of Tax Account 6.-1-4 to a point, said point being a northwesterly property corner of Tax Account 6.-1-4; thence
28. Easterly, 1216 feet more or less, along a northerly property line of Tax Account 6.-1-4 to a point, said point being a southwesterly property corner of Tax Account 4.-1-32.1; thence
29. Southerly, 42 feet more or less, along a westerly property line of Tax Account 4.-1-32.1 to a point, said point being a northwesterly property corner of Tax Account 4.-1-16.1; thence

30. Easterly, 443 feet more or less, along a northerly property line of Tax Account 4.-1-16.1 to a point, said point being a northwesterly property corner of Tax Account 4.-1-16.1; thence
31. Westerly, 176 feet more or less, along a southerly property line of Tax Account 4.-1-16.4 to a point, said point being a northwesterly property corner of Tax Account 4.-1-16.1; thence
32. Easterly, 845 feet more or less, along a northerly property line of Tax Account 4.-1-16.1 to a point, said point being the northeasterly property corner of Tax Account 4.-1-16.1; thence
33. Easterly, 49 feet more or less, along the northerly property line of Tax Account 4.-1-27.11 to a point, said point being the northeasterly property corner of Tax Account 4.-1-27.11; thence
34. Easterly, 826 feet more or less, along the northerly property line of Tax Account 4.-1-15.1 to a point, said point being the northeasterly property corner of Tax Account 4.-1-15.1; thence
35. Easterly, 690 feet more or less, along the northerly property line of Tax Account 4.-1-27.11 to a point, said point being the northeasterly property corner of Tax Account 4.-1-27.11; thence
36. Easterly, 948 feet more or less, along the northerly property line of Tax Account 4.-1-14.2 to a point, said point being 500 feet westerly of the centerline of Byron Road; thence
37. Northerly, 3059 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Byron Road to a point, said point being 500 feet southerly of the centerline of Tower Hill Road; thence
38. Westerly, 6616 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Tower Hill Road to a point, said point being along the centerline of Transit Road; thence
39. Northerly, 1000 feet more or less, along the centerline of Transit Road to a point, said point being 500 feet northerly of the centerline of Tower Hill Road; thence
40. Easterly, 7032 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Tower Hill Road to a point, said point being along the centerline of Searls Road; thence
41. Northerly, 819 feet more or less, along the centerline of Searls Road to a point; thence
42. Easterly, 390 feet more or less, along the northerly property line of Tax Account 5.-2-5.2 to a point, said point being a northeasterly property corner of Tax Account 5.-2-5.2; thence
43. Southerly, 490 feet more or less, along an easterly property line of Tax Account 5.-2-5.2 to a point, said point being 500 feet northwesterly of the centerline of Byron Road; thence
44. Northeasterly, 2885 feet more or less, along a line parallel to and 500 feet northwesterly of the centerline of Byron Road to a point, said point being along a westerly boundary line of The Town of Byron Water District No. 2; thence
45. Southerly, 320 feet more or less, along a westerly boundary line of The Town of Byron Water District No. 2 to a point, said point being a southeasterly property corner of Tax Account 5.-2-4.1; thence

46. Westerly, 122 feet more or less, along a northerly boundary line of The Town of Byron Water District No. 2 to a point, said point being the northwesterly property corner of Tax Account 5.-2-16.2; thence
47. Southerly, 473 feet more or less, along a westerly boundary line of The Town of Byron Water District No. 2 to a point, said point being along the centerline of Byron Road; thence
48. Southwesterly, 383 feet more or less, along the centerline of Byron Road to a point, said point being along a westerly boundary of The Town of Byron Water District No. 2; thence
49. Southeasterly, 211 feet more or less, along an easterly property line of Tax Account 5.-2-13 to a point; thence
50. Southerly, 395 feet more or less, along an easterly property line of Tax Account 5.-2-13 to a point, said point being a southeasterly property corner of Tax Account 5.-2-13 and 500 feet southeasterly of the centerline of Byron Road; thence
51. Southwesterly, 1037 feet more or less, along a line parallel to and 500 feet southeasterly of the centerline of Byron Road to a point, said point being 500 feet northerly of the centerline of Tower Hill Road; thence
52. Easterly, 805 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Tower Hill Road to a point, said point being along a westerly boundary line of The Town of Byron Water District No. 2; thence
53. Southerly, 529 feet more or less, along a westerly boundary line of The Town of Byron Water District No. 2, said point being the Point of Beginning.

Area C:

Beginning at a point, said point being the intersection of the centerline of Byron Road, and a southerly boundary of The Town of Byron Water District No. 7; thence

1. Easterly, 412 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Walkers Corners Road to a point, said point being the northeasterly property corner of Tax Account 8.-1-25.11; thence
2. Southerly, 395 feet more or less, along the easterly property line of Tax Account 8.-1-25.11 to a point, said point being the southeasterly property corner of Tax Account 8.-1-25.11; thence
3. Easterly, 73 feet more or less, along the northerly property line of 8.-1-43 to a point, said point being the northeasterly property corner of Tax Account 8.-1-43; thence
4. Southerly, 3533 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Byron Road to a point, said point being along the southerly property line of Tax Account 8.-1-21; thence
5. Westerly, 1991 feet more or less, along the Towns of Byron and Stafford Town Line to a point; thence
6. Northerly, 4608 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Byron Road to a point, said point being 500 feet southerly of the centerline of Walkers Corners Road; thence
7. Westerly, 3263 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Walkers Corners Road to a point, said point being along the westerly property line of Tax Account 8.-1-27; thence
8. Northerly, 1000 feet more or less, along a line perpendicular to the centerline of Walkers Corners Road to a point, said point being 500 feet northerly of the centerline of Walkers Corners Road; thence
9. Easterly, 3503 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Walkers Corners Road to a point, said point being 500 feet westerly of the centerline of Byron Road; thence
10. Southerly, 1020 feet more or less, along a line parallel to and 500 feet westerly of the centerline of Byron Road to a point, said point being 500 feet southerly of the centerline of Walkers Corners Road; thence
11. Easterly, 500 feet more or less, along a line parallel to and 500 feet southerly of the centerline of Walkers Corners Road to a point, said point being the Point of Beginning.

Area D:

Beginning at a point, said point being the intersection of the centerline of Clinton Street and the Towns of Byron and Bergen Town Line; thence

1. Southerly, 2243 feet more or less, along the Towns of Byron and Bergen Town Line to a point, said point being the intersection of the Towns of Byron and Bergen Town Line and the Towns of Byron and Le Roy Town Line; thence
2. Westerly, 5064 feet more or less, along the Towns of Byron and Le Roy Town Line to a point, said point being 500 feet easterly of the centerline of Coward Road; thence
3. Northerly, 289 feet more or less, along a line parallel to and 500 feet easterly of the centerline of Coward Road to a point, said point being 500 feet northerly of the centerline of Clinton Street; thence
4. Northeasterly, 5720 feet more or less, along a line parallel to and 500 feet northerly of the centerline of Clinton Street to a point, said point being along the Towns of Byron and Bergen Town Line; thence
5. Southerly, 632 feet more or less, along the Towns of Byron and Bergen Town Line to a point, said point being the Point of Beginning

APPENDIX B

SELECTED PHOTOGRAPHS



NYS Route 262, at Batavia Byron Road.



Tower Hill Road, at Byron Road.



Tower Hill Road at Byron Road, looking West.



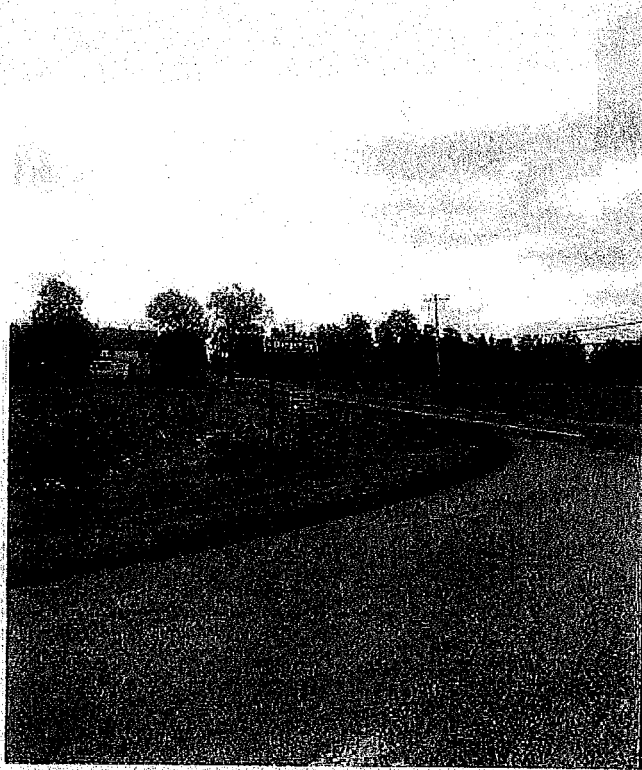
Batavia Byron Road, looking Northeast.



Batavia Byron Road, at NYS Route 262.



Batavia Byron Road, looking North.



Byron Holley Road at North Bergen Road, looking South.



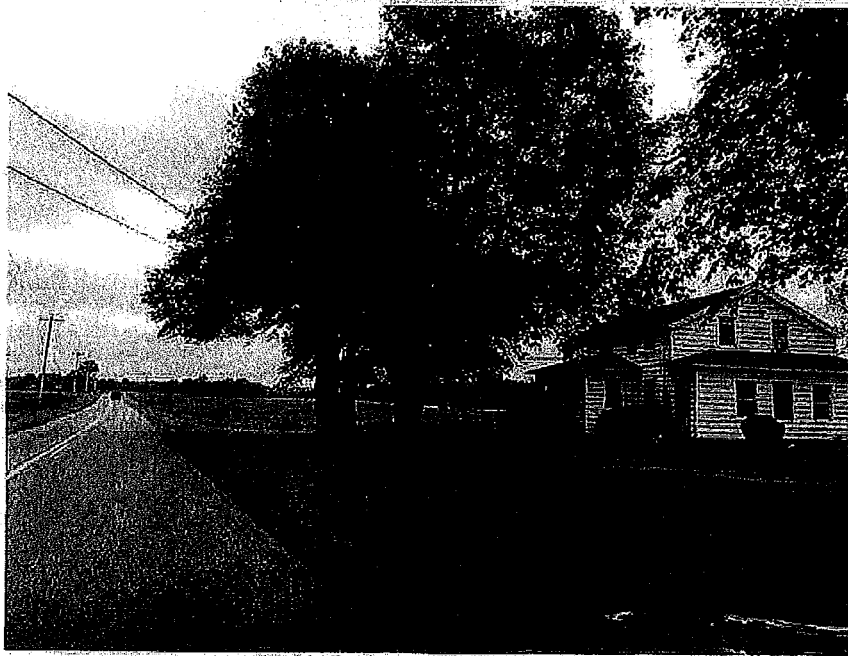
North Bergen Road, at Merrill Road.



North Bergen Road at Merrill Road, looking West.



North Bergen Road, looking West.



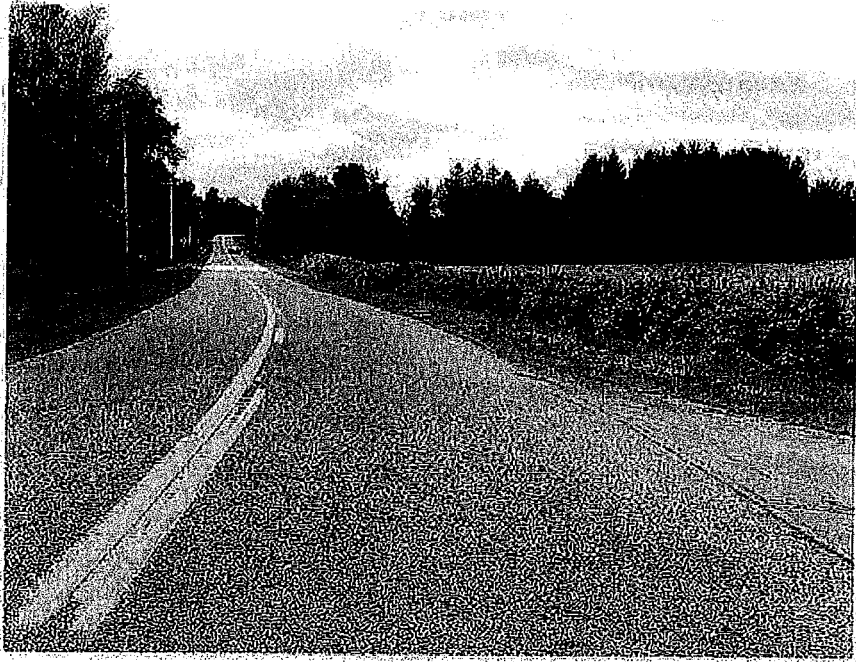
Warboys Road, looking East.



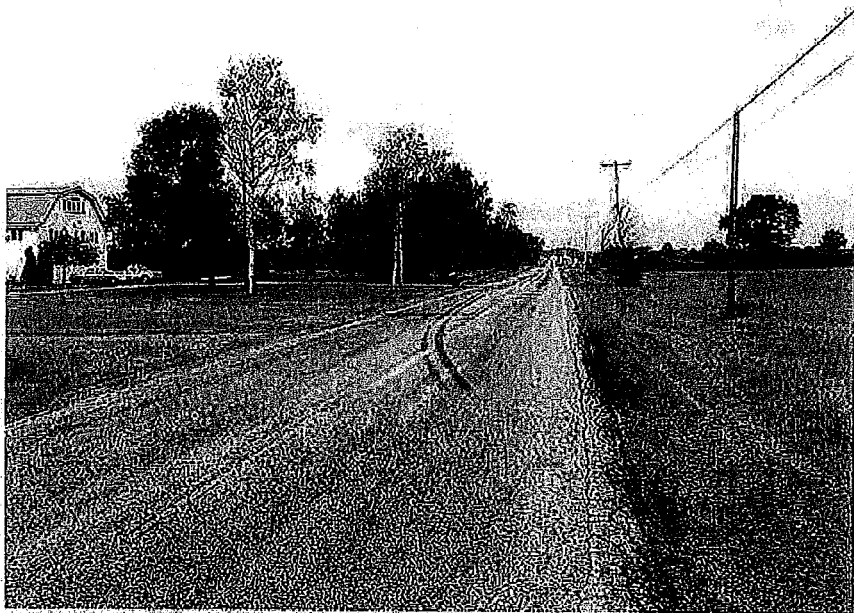
Warboys Road, looking East.



Warboys Road, at Merrill Road.



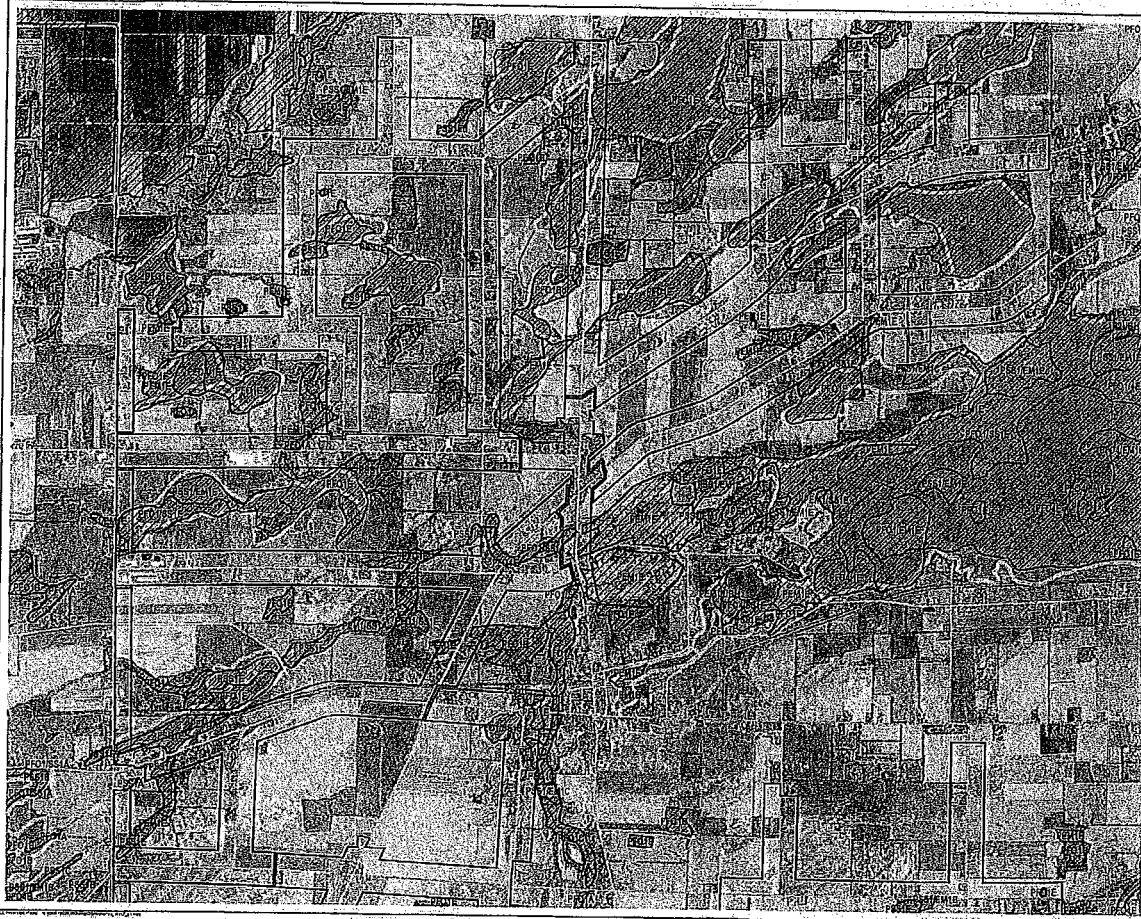
Warboys Road, looking West.



Walkers Corners Road, looking West.p

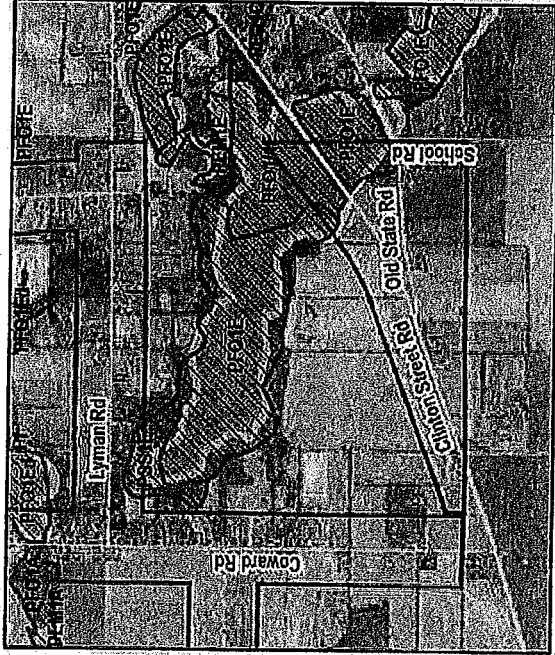
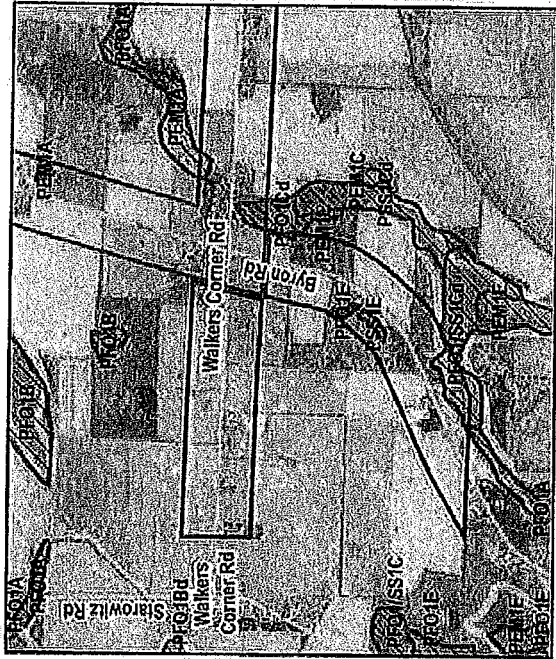
APPENDIX C

STATE AND FEDERAL WETLANDS AND STREAMS








- Legend**
- WIBA No. 1
 - Existing Water District
 - NWI Wetland
 - NYS Regulated Wetland
 - NYS Regulated Wetland Check Zone

BYRON WIBA NO. 1 TOWN OF BYRON, GENESSEE COUNTY, NEW YORK WETLANDS	
	DRAWN BY: TAV SCALE: 1" = 4,000' DATE: JULY 2018
<small>165 Chertsey Road, Suite 202, Tonawanda, NY 14154-1228 FAX 716-264-1099 www.mrbgroup.com</small>	
PROJECT NO. 0204.18006	
SHEET NO. 1 of 2	

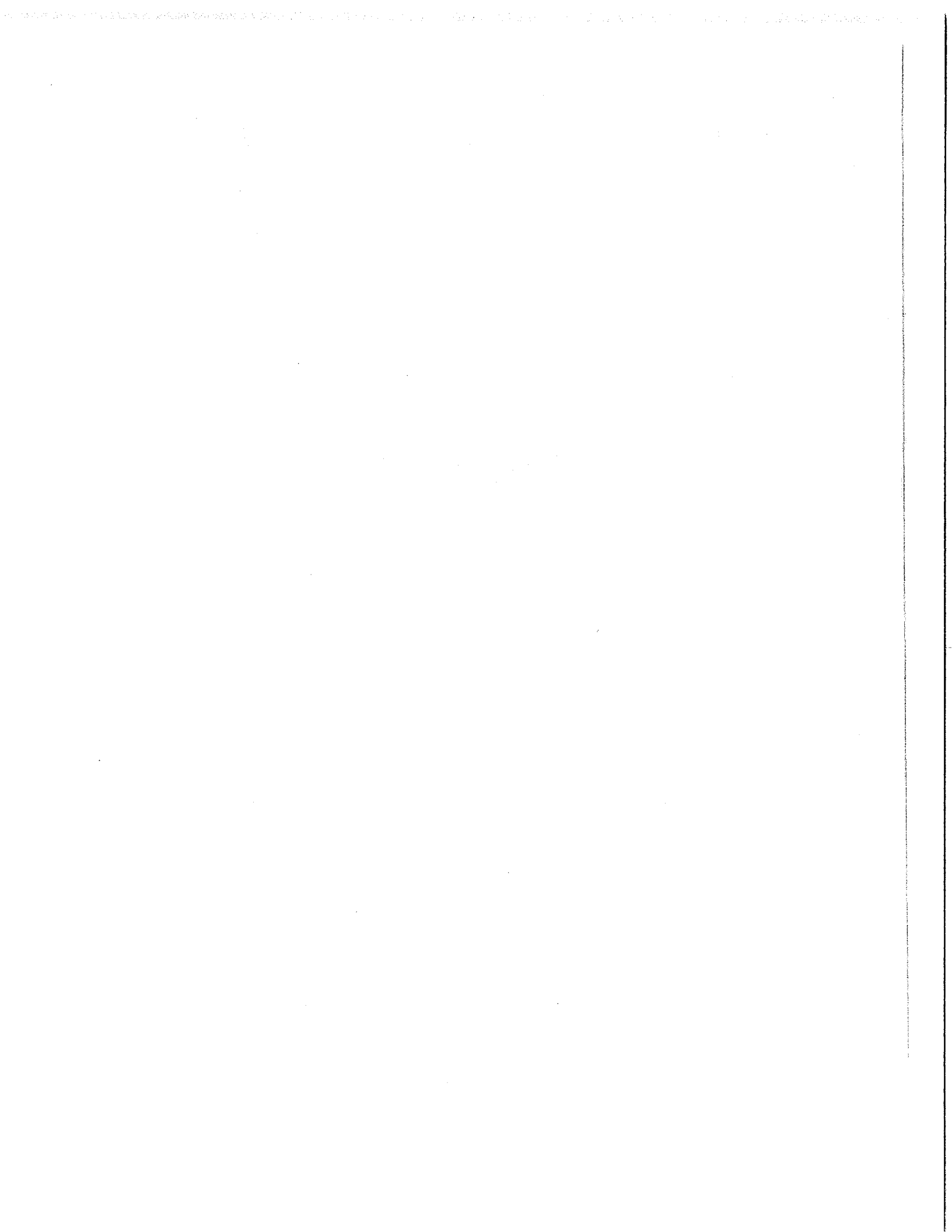


Legend

-  WIBA No. 1
-  Existing Water District
-  NWI Wetland
-  NYS Regulated Wetland
-  NYS Regulated Wetland Check Zone

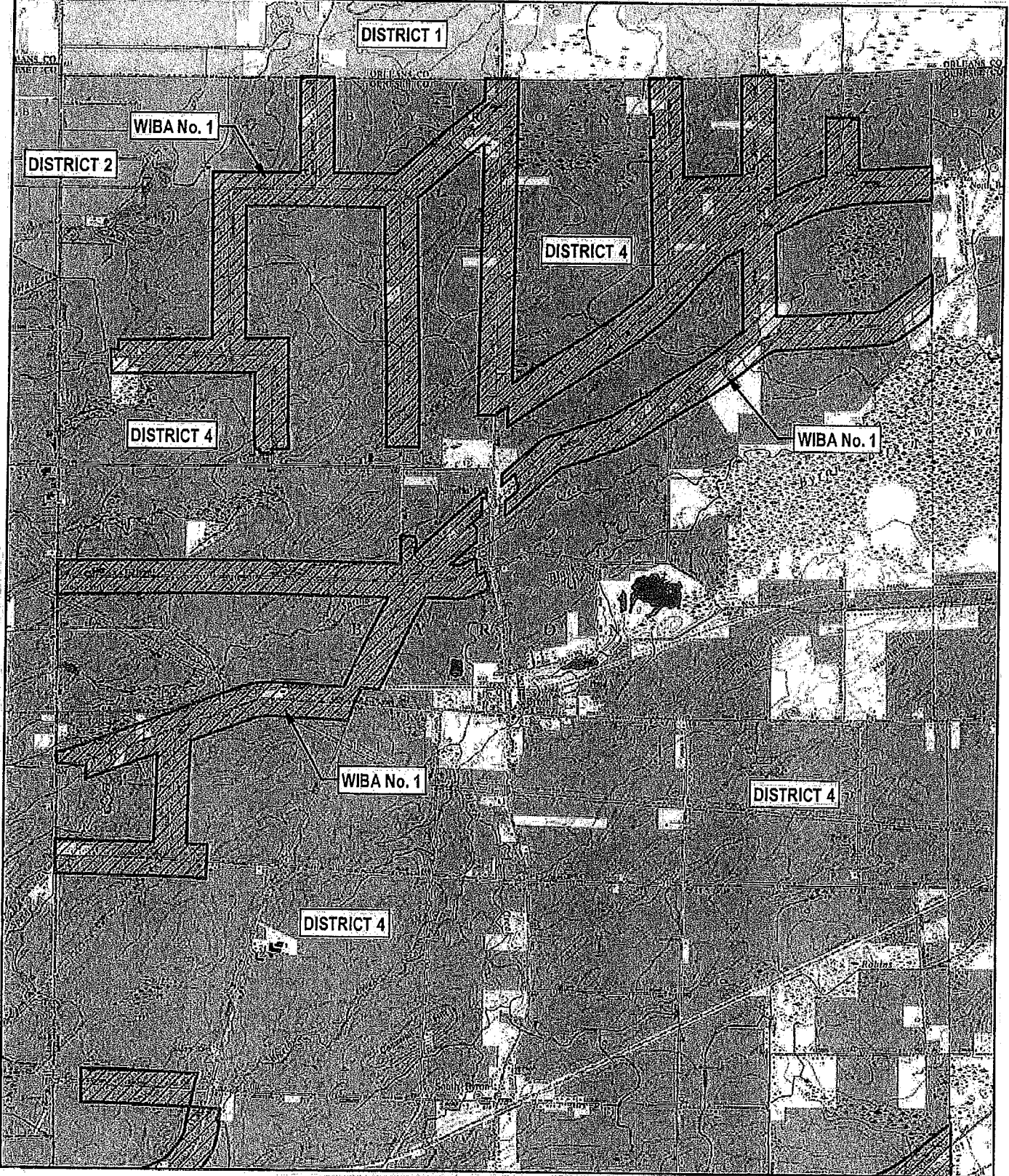
PROJECT NO. 0204,18006	MRB group Engineering, Architecture, Surveying, D.P.C. 145 Culver Road, Suite 160, Rochester, New York 14620 585-381-3250 FAX 585-381-1008 www.mrbgroup.com	CAH	BYRON WIBA NO. 1	
			TOWN OF BYRON, GENESSEE COUNTY, NEW YORK	
SHEET NO. 2 of 2		1" = 2,500'	WETLANDS	
		JULY 2019		





APPENDIX D

AGRICULTURAL DISTRICT MAPS

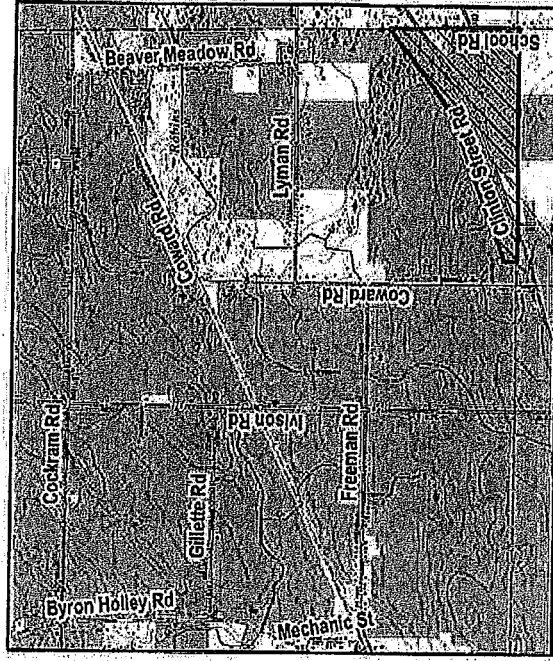
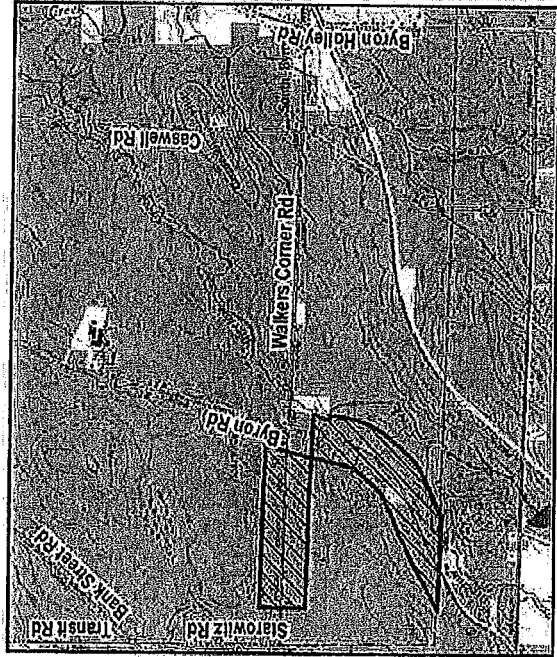


BYRON WIBA NO. 1
TOWN OF BYRON, GENESEE COUNTY, NEW YORK
AGRICULTURAL DISTRICT

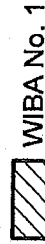
1" = 4,000'
 JULY 2019


MRB | group
 Engineering, Architecture & Surveying, D.P.C.
 145 Culver Road, Suite 160
 Rochester, NY 14620
 (585) 381-9250 Phone
 www.mrbgroup.com

SHEET NO.
 1 of 2
 PROJECT NO.
 0204.18006



Legend



WIBA No. 1



Agricultural District 4

PROJECT NO.

0204-18006

SHEET NO.

2 of 2

MRB | group

Engineering, Architecture, Surveying, D.P.C.
145 Culver Road, Suite 100, Rochester, New York 14620 585-381-9250 FAX 585-381-1008
www.mrbgroup.com

Drawn By: CAH

Scale: 1" = 4,000'

Date: JULY 2019



BYRON WIBA NO. 1

TOWN OF BYRON, GENESEE COUNTY, NEW YORK

AGRICULTURAL DISTRICT

APPENDIX E

LIST OF PARCELS IN BYRON WATER IMPROVEMENT BENEFIT AREA No. 1

Appendix E
Town of Byron WIBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
1.-1-14.2		Upper Holley Rd	105	0.0	\$ 161,300	\$ 161,300	Daryl Sommerfeldt	5412 Holley-Byron Rd	Holley, NY 14470
1.-2-14.1		Cook Rd	105	0.0	\$ 77,800	\$ 77,800	Todd Novak	5857 Byron-Holley Rd	Byron, NY 14422
11.-1-17		Warboys Rd	105	0.0	\$ 76,800	\$ 76,800	Diane Starowitz	6885 Warboys Rd	Byron, NY 14422
11.-1-25.123		Warboys Rd	105	0.0	\$ 199,600	\$ 199,600	Eric Toal	6800 Warboys Rd	Byron, NY 14422
12.-1-10		Merrill Rd	105	0.0	\$ 80,600	\$ 80,600	Diane Starowitz	6885 Warboys Rd	Byron, NY 14422
2.-1-24.113		Shell Rd	105	0.0	\$ 57,500	\$ 57,500	Torrey Lands, LLC	P.O.Box 187	Elba, NY 14058
2.-1-25		Shell Rd	105	0.0	\$ 40,400	\$ 40,400	Joseph Bezon	6452 Searls Rd	Byron, NY 14422
3.-1-48.11		Searls Rd	105	0.0	\$ 60,300	\$ 60,300	Stephen Starowitz	6885 Warboys Rd	Byron, NY 14422
3.-1-48.12		Searls Rd	105	0.0	\$ 20,800	\$ 20,800	Judy Flanagan	6329 Searls Rd	Byron, NY 14422
3.-1-74		North Bergen Rd	105	0.0	\$ 7,200	\$ 7,200	Clifford Sharp	6651 Searls Rd	Byron, NY 14422
3.-1-75		Warboys Rd	105	0.0	\$ 230,200	\$ 230,200	Kevin Wolf, LLC	5122 South Holley Rd	Holley, NY 14470
4.-1-25.2		Tower Hill Rd	105	0.0	\$ 214,300	\$ 214,300	Zuber Farms LLC	3846 Westside Dr	Churchville, NY 14428
4.-1-26.2		Tower Hill Rd	105	0.0	\$ 85,700	\$ 85,700	Zuber Farms LLC	3846 Westside Dr	Churchville, NY 14428
6.-1-37.1		Bank St Rd	105	0.0	\$ 482,600	\$ 482,600	Call Lands	8127 Lewiston Rd	Batavia, NY 14020
8.-1-26.1		Walkers Corners Rd	105	0.0	\$ 144,000	\$ 144,000	John Starowitz	7500 Starowitz Rd	Elba, NY 14058
3.-1-71	6476	North Bergen Rd	112	1.0	\$ 143,300	\$ 220,000	Den-Kel Jerseys, LLC	6476 North Bergen Rd	Byron, NY 14422
2.-1-27.111		North Byron Rd	117	0.0	\$ 31,500	\$ 82,500	TJ Farms, LLC	P.O.Box 82	Elba, NY 14058
1.-1-13.1		Upper Holley Rd	120	0.0	\$ 130,000	\$ 130,000	Star Growers Farm LLC	7500 Starowitz Rd	Elba, NY 14058
1.-1-15		Upper Holley Rd	120	0.0	\$ 80,200	\$ 80,200	Star Growers	7500 Starowitz Rd	Elba, NY 14058
1.-1-16.11		Upper Holley Rd	120	0.0	\$ 255,500	\$ 255,500	Star Growers Farm LLC	7500 Starowitz Rd	Elba, NY 14058
1.-1-16.12		Upper Holley Rd	120	0.0	\$ 1,700	\$ 1,700	Brent Chapman	5891 Upper Holley Rd	Byron, NY 14422
1.-1-18		Cook Rd	120	0.0	\$ 239,400	\$ 239,400	Amy Huber	3054 Graylyn Lakes Dr	Aiken, SC 29803
1.-1-21.111		Cook Rd	120	0.0	\$ 67,100	\$ 67,100	Frank Starowitz	7402 Bank St Rd	Elba, NY 14058
1.-2-19		Cook Rd	120	0.0	\$ 71,200	\$ 71,200	Steven Wolf	5110 South Holley Rd	Holley, NY 14470
1.-2-20.1		Cook Rd	120	0.5	\$ 14,500	\$ 14,500	Geraldine Mckenrick	117 Mechanic St	Elba, NY 14058
1.-2-7		Bird Rd	120	0.0	\$ 164,400	\$ 164,400	Clifford Sharp	6651 Searls Rd	Byron, NY 14422
1.-2-9.1	5982	Merrill Rd	120	1.0	\$ 287,400	\$ 311,000	George Hahn	5982 Merrill Rd	Byron, NY 14422
10.-2-15.1		Old State Rd	120	0.0	\$ 32,000	\$ 32,000	Douglas Nichols	6223 Main Rd	Stafford, NY 14143
10.-2-16.113		Old State Rd	120	0.0	\$ 32,700	\$ 32,700	Douglas Nichols	6223 Main Rd	Stafford, NY 14143
10.-2-17.1		Clinton St Rd	120	0.0	\$ 69,600	\$ 69,600	Benjamin Villareale Estate	6917 Clinton St Rd	Bergen, NY 14416
10.-2-22.1	6849	Clinton St Rd	120	1.0	\$ 116,500	\$ 147,000	Kevin Welner	29 Woodrow Rd	Batavia, NY 14020
11.-1-1.111		North Bergen Rd	120	0.0	\$ 37,200	\$ 37,200	Bruce Ferguson	20A NW Blvd Unit 255	Nashua, NH 03063
11.-1-11	6885	Warboys Rd	120	1.0	\$ 66,700	\$ 461,000	Stephen Starowitz	6885 Warboys Rd	Byron, NY 14422
11.-1-24		Warboys Rd	120	0.0	\$ 99,800	\$ 99,800	Francis Tennity	P.O.Box 818	Honeoye, NY 14471
11.-1-30.123		Merrill Rd	120	0.0	\$ 46,600	\$ 46,600	George Hahn	5982 Merrill Rd	Byron, NY 14422
11.-1-33		Merrill Rd	120	0.0	\$ 137,000	\$ 137,000	Stephen Starowitz	6885 Warboys Rd	Byron, NY 14422
11.-1-4		North Bergen Rd	120	0.0	\$ 179,800	\$ 179,800	Bruce Ferguson	20A NW Blvd Unit 255	Nashua, NH 03063
11.-1-6		North Bergen Rd	120	0.0	\$ 100,000	\$ 100,000	Diane Starowitz	6885 Warboys Rd	Byron, NY 14422
12.-1-3.11		North Bergen Rd	120	0.5	\$ 222,000	\$ 244,100	Ludwig Trust	6951 North Bergen Rd	Byron, NY 14422
12.-1-4.1		North Bergen Rd	120	0.0	\$ 304,900	\$ 304,900	Clifford Sharp	6651 Searls Rd	Byron, NY 14422
12.-1-5	6851	North Bergen Rd	120	1.0	\$ 117,800	\$ 190,000	Bruce Ferguson	20A NW Blvd Unit 255	Nashua, NH 03063
2.-1-16		Searls Rd	120	0.0	\$ 170,200	\$ 170,200	Stephen Starowitz	6885 Warboys Rd	Byron, NY 14422
2.-1-17		Searls Rd	120	0.0	\$ 302,700	\$ 302,700	Judy Flanagan	6329 Searls Rd	Byron, NY 14422
2.-1-21.1		North Byron Rd	120	0.0	\$ 142,600	\$ 143,900	Joseph Bezon	6452 Searls Rd	Byron, NY 14422
2.-1-24		Shell Rd	120	0.0	\$ 32,800	\$ 32,800	Joseph Bezon	6452 Searls Rd	Byron, NY 14422
2.-1-28.113		Shell Rd	120	0.0	\$ 203,500	\$ 203,500	Torrey Lands, LLC	P.O. Box 187	Elba, NY 14058
2.-1-29		Shell Rd	120	0.0	\$ 49,700	\$ 49,700	Joni Yaskulski	P.O. Box 82	Elba, NY 14058
2.-1-37		Shell Rd	120	0.0	\$ 57,800	\$ 57,800	JoDee Farms LLC	P.O. Box 395	Elba, NY 14058
2.-1-43.1		Meniman Rd	120	0.0	\$ 213,800	\$ 213,800	Frank Starowitz	7500 Starowitz Rd	Elba, NY 14058

Appendix E
Town of Byron WBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
2-1-44		Merimian Rd	120	0.0	\$ 84,500	\$ 84,500	Joseph Bezon	6452 Searis Rd	Byron, NY 14422
2-1-45		Merimian Rd	120	0.0	\$ 91,300	\$ 91,300	John Starowitz	7500 Starowitz Rd	Elba, NY 14058
2-1-46.1	6167	Merimian Rd	120	1.0	\$ 201,300	\$ 206,300	Frank Starowitz	7402 Bank St Rd	Elba, NY 14058
2-1-48.1		Merimian Rd	120	0.0	\$ 303,600	\$ 303,600	Torrey Lands, LLC	P.O. Box 187	Elba, NY 14058
2-1-9		Merimian Rd	120	0.0	\$ 179,600	\$ 179,600	Star Growers Farm LLC	7500 Starowitz Rd	Elba, NY 14058
3-1-22.1		Warboys Rd	120	0.0	\$ 248,300	\$ 248,300	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-27		Warboys Rd	120	0.0	\$ 60,900	\$ 60,900	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-28		Warboys Rd	120	0.0	\$ 135,800	\$ 135,800	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-3		Route 237	120	0.0	\$ 47,100	\$ 47,100	Craig Trippany	5994 Route 237	Byron, NY 14422
3-1-31.1		Warboys Rd	120	0.0	\$ 149,400	\$ 149,400	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-34.2		Route 237	120	0.0	\$ 89,100	\$ 89,100	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-35		North Bergen Rd	120	0.0	\$ 139,300	\$ 139,300	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-36.11		North Bergen Rd	120	0.0	\$ 120,700	\$ 120,700	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-36.12	6385	North Bergen Rd	120	1.0	\$ 29,200	\$ 141,000	Clifford Sharp	6385 North Bergen Rd	Byron, NY 14422
3-1-38.111		Route 237	120	0.0	\$ 261,300	\$ 261,300	Aaron Sharp	6541 Warboys Rd	Byron, NY 14422
3-1-4	5959	Route 237	120	0.0	\$ 66,400	\$ 80,400	Robert Coons	195 Cole Ave	Rochester, NY 14606
3-1-51.113		Searis Rd	120	0.0	\$ 280,000	\$ 280,000	Zuber Brothers LLC	3846 Westside Dr	Churchville, NY 14428
3-1-53.11		Route 237	120	0.0	\$ 340,400	\$ 340,400	Carla Cadamagnani	130 Grand St	Highland, NY 12528
3-1-54		Route 237	120	0.0	\$ 141,500	\$ 141,500	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-56.11	6479	North Bergen Rd	120	4.0	\$ 237,700	\$ 251,700	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-6.1		Bird Rd	120	0.0	\$ 251,500	\$ 251,500	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-60.21		North Bergen Rd	120	0.0	\$ 5,000	\$ 15,500	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
4-1-14.2		Route 262	120	0.0	\$ 43,200	\$ 43,200	Brooke-Lea LLC	5992 Tower Hill Rd	Byron, NY 14422
4-1-16.1		Chapel Rd	120	0.0	\$ 198,500	\$ 198,500	Zuber Brothers LLC	5633 Tower Hill Rd	Byron, NY 14422
5-1-4		Tower Hill Rd	120	0.0	\$ 239,200	\$ 239,200	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
5-2-33		Warboys Rd	120	0.0	\$ 14,600	\$ 14,600	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
5-2-36.1		Warboys Rd	120	0.0	\$ 170,200	\$ 170,200	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
6-1-25.1		Cockram Rd	120	0.0	\$ 392,300	\$ 400,000	Richard Colby	17 Chesterbrook Ln	Pittsford, NY 14534
6-1-28.111		Cockram Rd	120	0.0	\$ 247,600	\$ 247,600	Richard Colby	17 Chesterbrook Ln	Pittsford, NY 14534
6-1-33.111		Cockram Rd	120	0.0	\$ 340,800	\$ 340,800	Cail Lands	8127 Lewiston Rd	Batavia, NY 14020
6-1-4		Route 262	120	0.0	\$ 42,200	\$ 42,200	Zuber Brothers LLC	5633 Tower Hill Rd	Byron, NY 14422
6-1-44		Cockram Rd	120	0.0	\$ 108,600	\$ 108,600	Richard Colby	17 Chesterbrook Ln	Pittsford, NY 14534
6-1-5.1		Route 262	120	0.0	\$ 336,000	\$ 338,000	Cail Lands	8127 Lewiston Rd	Batavia, NY 14020
6-1-6		Route 262	120	0.0	\$ 222,700	\$ 222,700	Brooke-Lea LLC	5992 Tower Hill Rd	Byron, NY 14422
6-1-21		Byron Rd	120	0.0	\$ 10,100	\$ 10,100	Joseph Starowitz	7678 Batavia-Byron Rd	Byron, NY 14422
6-1-23	7678	Byron Rd	120	1.0	\$ 292,300	\$ 430,000	Joseph Starowitz	7678 Batavia-Byron Rd	Byron, NY 14422
8-1-25.11		Walkers Corners Rd	120	0.0	\$ 235,100	\$ 235,100	Amy Walker-Casey	4803 Chevy Chase Blvd	Chevy Chase, MD 20815
8-1-29		Walkers Corners Rd	120	0.0	\$ 335,600	\$ 335,600	Star Growers Land LLC	7500 Starowitz Rd	Elba, NY 14058
8-1-43		Byron Rd	120	0.0	\$ 107,300	\$ 108,100	Gerald Chapel	7588 Batavia-Byron Rd	Byron, NY 14422
10-2-5.11	7030	Lyman Rd	140	0.0	\$ 83,600	\$ 199,000	June Rouse	7030 Lyman Rd	Bergen, NY 14416
11-1-7.1		Warboys Rd	140	0.0	\$ 191,600	\$ 191,600	Diane Starowitz	6885 Warboys Rd	Byron, NY 14422
2-1-10		Cook Rd	140	0.0	\$ 279,900	\$ 279,900	Leo Starowitz	4803 Barrville Rd	Elba, NY 14058-9521
2-1-14.1		Searis Rd	140	0.0	\$ 460,100	\$ 460,100	Marilyn Bill	7000 Bank Street Rd	Byron, NY 14422
2-1-47.2		Merimian Rd	140	0.0	\$ 270,000	\$ 270,000	Barbara Starowitz	7331 Bank St Rd	Elba, NY 14058
3-1-21		Searis Rd	140	0.0	\$ 223,100	\$ 223,100	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
3-1-22.2	6541	Warboys Rd	140	0.0	\$ 44,200	\$ 128,000	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
4-1-10.111		Tower Hill Rd	140	0.0	\$ 223,600	\$ 223,600	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
4-1-11.1		Tower Hill Rd	140	0.0	\$ 119,400	\$ 119,400	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
4-1-27.11		Route 262	140	0.0	\$ 227,700	\$ 227,700	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422

Appendix E
Town of Byron WIBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
4-1-28.111		Tower Hill Rd	140	0.0	\$ 208,000	\$ 208,000	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
4-1-29.1		Tower Hill Rd	140	0.0	\$ 8,000	\$ 8,000	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
5-1-1		Tower Hill Rd	140	0.0	\$ 6,100	\$ 6,100	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
5-1-2		Tower Hill Rd	140	0.0	\$ 100	\$ 100	Legacy Lands LLC	P.O. Box 189	Byron, NY 14422
5-2-12.1		Tower Hill Rd	140	0.0	\$ 20,200	\$ 20,200	Legacy Lands, LLC	P.O. Box 189	Byron, NY 14422
5-2-4.1		Searls Rd	140	0.0	\$ 327,800	\$ 327,800	Clifford Sharp	6651 Searls Rd	Byron, NY 14422
1-1-13.2	5858	Upper Holley Rd	210	1.0	\$ 21,600	\$ 152,000	Michael Diehl	5858 Upper Holley Rd	Byron, NY 14422
1-1-14.1	5880	Upper Holley Rd	210	1.0	\$ 28,400	\$ 122,000	Rebecca Sando	5880 Upper Holley Rd	Byron, NY 14422
1-1-16.2	5891	Upper Holley Rd	210	1.0	\$ 17,500	\$ 77,000	Brent Chapman	5891 Upper Holley Rd	Byron, NY 14422
1-1-20.1	6093	Cook Rd	210	1.0	\$ 25,000	\$ 124,000	Adam Gaylord	6093 Cook Rd	Byron, NY 14422
1-1-20.2	6117	Cook Rd	210	1.0	\$ 14,600	\$ 64,500	Rhonda Skvington	6117 Cook Rd	Byron, NY 14422
1-1-21.112	5929	Cook Rd	210	1.0	\$ 29,000	\$ 147,000	Emily Cokley	5929 Cook Rd	Byron, NY 14422
1-1-21.211	5919	Cook Rd	210	1.0	\$ 35,400	\$ 82,500	Gregory Vogt	5919 Cook Rd	Byron, NY 14422
1-1-21.22	5978	Upper Holley Rd	210	1.0	\$ 44,600	\$ 205,000	Jonell Belcher	5978 Upper Holley Rd	Byron, NY 14422
1-2-13.2	5949	Route 237	210	1.0	\$ 30,000	\$ 99,000	Charles Jensen	5949 Byron-Holley Rd	Byron, NY 14422
1-2-15	5993	Route 237	210	1.0	\$ 33,600	\$ 104,000	Elizabeth Lester Estate	5993 Byron-Holley Rd	Byron, NY 14422
1-2-16	5954	Route 237	210	1.0	\$ 23,200	\$ 64,800	Kim Kulzer	5954 Byron-Holley Rd	Byron, NY 14422-1105
1-2-18.1	6206	Cook Rd	210	1.0	\$ 37,800	\$ 140,000	Pamela Pamopy	6206 Cook Rd	Byron, NY 14422
1-2-2.12	6271	Cook Rd	210	1.0	\$ 18,800	\$ 76,000	Stacey Donahue	6271 Cook Rd	Byron, NY 14422
1-2-2.2	5844	Route 237	210	1.0	\$ 20,600	\$ 116,000	Chester Lew	5844 Byron-Holley Rd	Byron, NY 14422
1-2-20.2	6261	Cook Rd	210	1.0	\$ 19,300	\$ 130,000	Donald Maskell III	6261 Cook Rd	Byron, NY 14422
1-2-21	6181	Cook Rd	210	1.0	\$ 14,400	\$ 84,500	Kathleen Stevens	6181 Cook Rd	Byron, NY 14422
1-2-22.1	5816	Merrill Rd	210	1.0	\$ 21,400	\$ 139,400	Nicholas Trippany	5816 Merrill Rd	Byron, NY 14422
1-2-23	5876	Bird Rd	210	1.0	\$ 24,000	\$ 132,000	Brandon Mason	5876 Bird Rd	Byron, NY 14422
1-2-24	5886	Bird Rd	210	1.0	\$ 18,000	\$ 140,000	Carrie Stevens	5886 Bird Rd	Byron, NY 14422
1-2-3	6254	Cook Rd	210	1.0	\$ 36,700	\$ 105,000	Agnes McKenrick	6254 Cook Rd	Byron, NY 14422
1-2-4.2	5843	Route 237	210	1.0	\$ 22,900	\$ 145,000	Donald Ruck	5843 Route 237	Byron, NY 14422
1-2-6.116	5880	Bird Rd	210	1.0	\$ 29,600	\$ 261,000	Lawrence Moore II	5880 Bird Rd	Byron, NY 14422
1-2-6.121	5888	Bird Rd	210	1.0	\$ 30,000	\$ 142,500	Daniel Scott	5888 Bird Rd	Byron, NY 14422
1-2-6.2	5852	Bird Rd	210	1.0	\$ 20,600	\$ 170,500	David Thom	5852 Bird Rd	Byron, NY 14422
1-2-8.111	5833	Merrill Rd	210	1.0	\$ 41,100	\$ 185,800	Bret Rehwaldt	5833 Merrill Rd	Byron, NY 14422
1-2-8.121	5892	Merrill Rd	210	1.0	\$ 32,200	\$ 99,000	Jacqueline Williams	5892 Merrill Rd	Byron, NY 14422
1-2-8.122	5904	Merrill Rd	210	1.0	\$ 32,200	\$ 132,000	Anna Lewandowski	5904 Merrill Rd	Byron, NY 14422
1-2-9.2	5906	Merrill Rd	210	1.0	\$ 9,400	\$ 101,800	Dayle Chapman	5906 Merrill Rd	Byron, NY 14422
10-2-12.2	7001	Clinton St Rd	210	1.0	\$ 30,100	\$ 130,800	James McKenzie Jr	7001 Clinton St Rd	Bergen, NY 14416
10-2-15.2	7015	Old State Rd	210	1.0	\$ 18,300	\$ 124,600	Frederick Dries	7015 Old State Rd	Bergen, NY 14416
10-2-16.112	7050	Old State Rd	210	1.0	\$ 13,000	\$ 155,500	Luann Dilcher	7050 Old State Rd	Bergen, NY 14416
10-2-16.12	7034	Old State Rd	210	1.0	\$ 13,000	\$ 100,000	Melanie Baldof	7034 Old State Rd	Bergen, NY 14416
10-2-16.21	7042	Old State Rd	210	1.0	\$ 21,400	\$ 134,200	Jeffrey House	7042 Old State Rd	Bergen, NY 14416
10-2-17.2	6960	Old State Rd	210	1.0	\$ 16,600	\$ 112,400	John Boyce	6960 Old State Rd	Bergen, NY 14416
10-2-19.2	6902	Clinton St Rd	210	1.0	\$ 22,200	\$ 134,000	Timothy Coughlin	6902 Clinton St Rd	Bergen, NY 14416
10-2-20	6854	Clinton St Rd	210	1.0	\$ 7,200	\$ 67,000	Mary Jo Wolschleger	6854 Clinton St Rd	Bergen, NY 14416
10-2-30	7058	Old State Rd	210	1.0	\$ 13,700	\$ 115,600	Linda Prouty	7058 Old State Rd	Bergen, NY 14416
10-2-31	7680	School Rd	210	1.0	\$ 15,100	\$ 88,600	Kenneth Sacco	7680 School Rd	Bergen, NY 14416
10-2-32	7684	School Rd	210	1.0	\$ 14,000	\$ 130,000	Dennis McCartney	7684 School Rd	Bergen, NY 14416
10-2-33	7690	School Rd	210	1.0	\$ 16,600	\$ 130,000	Daniel Barrard	7690 School Rd	Bergen, NY 14416
10-2-34	7698	School Rd	210	1.0	\$ 16,600	\$ 130,000	David Watson	7698 School Rd	Bergen, NY 14416
10-2-35.1	7726	School Rd	210	1.0	\$ 20,700	\$ 147,000	Gary Ladd	7726 School Rd	Bergen, NY 14416
10-2-38.1	7800	School Rd	210	1.0	\$ 19,500	\$ 147,000	John Hill	7800 School Rd	Bergen, NY 14416

Appendix E
Town of Byron WIBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
10-2-48	6972	Old State Rd	210	1.0	\$ 33,400	\$ 156,000	Danielle Ditts	6972 Old State Rd	Bergen, NY 14416
11-1-1.12	6745	North Bergen Rd	210	1.0	\$ 18,000	\$ 127,000	Craig Ferguson	6745 North Bergen Rd	Byron, NY 14422
11-1-1.21	6769	North Bergen Rd	210	1.0	\$ 20,800	\$ 112,000	Derby Family LLC	6769 North Bergen Rd	Byron, NY 14422
11-1-12	6967	Warboys Rd	210	1.0	\$ 18,100	\$ 104,000	John Frederick	6967 Warboys Rd	Byron, NY 14422
11-1-13	7000	Warboys Rd	210	1.0	\$ 10,100	\$ 96,500	Stephen Courtney	7000 Warboys Rd	Byron, NY 14422
11-1-14.115	6966	Warboys Rd	210	1.0	\$ 33,600	\$ 139,000	Robert Yohon Jr	6966 Warboys Rd	Byron, NY 14422
11-1-14.12	6970	Warboys Rd	210	1.0	\$ 32,800	\$ 270,000	Bernard Raccuia	6970 Warboys Rd	Byron, NY 14422
11-1-16.1	6926	Warboys Rd	210	1.0	\$ 19,000	\$ 117,000	James Prince	6926 Warboys Rd	Byron, NY 14422
11-1-25.122	6800	Warboys Rd	210	1.0	\$ 27,600	\$ 292,000	Eric Tool	6800 Warboys Rd	Byron, NY 14422
11-1-26.12	6819	Warboys Rd	210	1.0	\$ 36,900	\$ 177,000	David Stanley	6819 Warboys Rd	Byron, NY 14422
11-1-27.21	6839	Warboys Rd	210	1.0	\$ 25,500	\$ 116,000	Victoria Richardson	6839 Warboys Rd	Byron, NY 14422
11-1-28.2	6875	Warboys Rd	210	1.0	\$ 20,600	\$ 116,000	Gregory Wing	6875 Warboys Rd	Byron, NY 14422
11-1-29.121	6777	Warboys Rd	210	1.0	\$ 40,900	\$ 106,000	Andrew Hermann	6777 Warboys Rd	Byron, NY 14422
11-1-3	6744	North Bergen Rd	210	1.0	\$ 9,500	\$ 49,000	Scott Stone	6744 North Bergen Rd	Byron, NY 14422
11-1-30.122	6189	Merrill Rd	210	1.0	\$ 17,100	\$ 93,500	Dawn Diicher	6189 Merrill Rd	Byron, NY 14422
11-1-31.1	6167	Merrill Rd	210	1.0	\$ 22,200	\$ 151,000	Kyslycia Lang	6167 Merrill Rd	Byron, NY 14422
11-1-32	6137	Merrill Rd	210	1.0	\$ 16,200	\$ 104,000	Courtney Galen	6137 Merrill Rd	Byron, NY 14422
11-1-35	6185	Merrill Rd	210	1.0	\$ 32,100	\$ 105,000	Todd Galen	6185 Merrill Rd	Byron, NY 14422
11-1-36	6163	Merrill Rd	210	1.0	\$ 11,900	\$ 92,700	Karen Cokley	6163 Merrill Rd	Byron, NY 14422
11-1-37	6157	Merrill Rd	210	1.0	\$ 11,900	\$ 120,000	Jennifer Bobzin	6157 Merrill Rd	Byron, NY 14422
11-1-38.11	6934	Warboys Rd	210	1.0	\$ 30,200	\$ 140,000	Kirk Walker	6934 Warboys Rd	Byron, NY 14422
11-1-40	6938	Warboys Rd	210	1.0	\$ 23,200	\$ 91,000	Stephen Kupfer	6938 Warboys Rd	Byron, NY 14422
11-1-7.2	6941	Warboys Rd	210	1.0	\$ 18,000	\$ 69,900	Joseph Weiser	6941 Warboys Rd	Byron, NY 14422
12-1-1.112	5839	Merrill Rd	210	1.0	\$ 27,600	\$ 115,000	Earl Gallup	5839 Merrill Rd	Byron, NY 14422
12-1-1.113	5869	Merrill Rd	210	1.0	\$ 34,500	\$ 143,000	Christopher Eron	5869 Merrill Rd	Byron, NY 14422
12-1-1.21	5903	Merrill Rd	210	1.0	\$ 19,800	\$ 112,500	Evelyn Gibson	5903 Merrill Rd	Byron, NY 14422
12-1-2.2	5894	South Holley Rd	210	1.0	\$ 22,800	\$ 153,000	Lorene Wilford	5894 South Holley Rd	Byron, NY 14422
12-1-3.2	6951	North Bergen Rd	210	1.0	\$ 19,400	\$ 115,000	Ludwig Family Trust	6951 North Bergen Rd	Byron, NY 14422
12-1-4.2	7003	North Bergen Rd	210	1.0	\$ 19,800	\$ 185,000	Daniel Fredendall	7003 North Bergen Rd	Byron, NY 14422
12-1-6.1	5985	Merrill Rd	210	1.0	\$ 40,000	\$ 113,000	Jayne Lewis	5985 Merrill Rd	Byron, NY 14422
12-1-6.2	6007	Merrill Rd	210	1.0	\$ 27,900	\$ 123,000	Kenneth General	6007 Merrill Rd	Byron, NY 14422
12-1-7	5977	Merrill Rd	210	1.0	\$ 16,200	\$ 91,100	Edward Glow Jr	5977 Merrill Rd	Byron, NY 14422
2-1-11.1	6018	Cook Rd	210	1.0	\$ 25,300	\$ 112,500	Kim Parsels	6018 Cook Rd	Byron, NY 14422
2-1-13	5996	Cook Rd	210	1.0	\$ 20,300	\$ 105,000	Keith Scroger	5996 Cook Rd	Byron, NY 14422
2-1-14.2	6156	Searls Rd	210	1.0	\$ 27,100	\$ 135,500	Kristina Gabalski	6156 Searls Rd	Byron, NY 14422-9414
2-1-15	6176	Searls Rd	210	1.0	\$ 30,700	\$ 57,000	Daniel Crane	6176 Searls Rd	Byron, NY 14422
2-1-18	6394	Searls Rd	210	1.0	\$ 22,900	\$ 170,000	Robert Kolaga	6394 Searls Rd	Byron, NY 14422
2-1-24.112	5774	Shell Rd	210	1.0	\$ 16,000	\$ 69,000	Daniel Burr	5774 Shell Rd	Byron, NY 14422
2-1-24.121	6334	Shell Rd	210	1.0	\$ 18,000	\$ 97,300	Frank Wamner	6334 Shell Rd	Byron, NY 14422
2-1-24.2	5898	Shell Rd	210	1.0	\$ 20,600	\$ 119,000	Brian Glander	5898 Shell Rd	Byron, NY 14422
2-1-27.22	6468	Shell Rd	210	1.0	\$ 23,500	\$ 196,000	Lois Lund	6468 Shell Rd	Byron, NY 14422
2-1-28.112	5786	Shell Rd	210	1.0	\$ 9,700	\$ 100,000	Courtney Onderdonk	5786 Shell Rd	Byron, NY 14422
2-1-30.1	5678	Shell Rd	210	1.0	\$ 35,000	\$ 80,000	Mark Felschow	5678 Shell Rd	Elba, NY 14058
2-1-34.2	5656	Shell Rd	210	1.0	\$ 20,900	\$ 102,000	Susan Pangrazio	5656 Shell Rd	Elba, NY 14058
2-1-38.2	5629	Shell Rd	210	1.0	\$ 16,000	\$ 101,900	Anthony Ridder	5629 Shell Rd	Elba, NY 14058
2-1-43.2	6166	Merriman Rd	210	1.0	\$ 16,600	\$ 78,500	Debra Lane	6166 Merriman Rd	Byron, NY 14422
2-1-46.2	6109	Merriman Rd	210	1.0	\$ 16,600	\$ 70,500	Gary Gagnon	6109 Merriman Rd	Byron, NY 14422
2-1-48.2	5641	Shell Rd	210	1.0	\$ 16,000	\$ 121,500	Mark Felschow	5641 Shell Rd	Elba, NY 14058
3-1-11.1	6682	East Bird Rd	210	1.0	\$ 28,400	\$ 57,600	Gregory Taylor	6682 East Bird Rd	Byron, NY 14422

Appendix E
Town of Byron WIBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
3-1-11.2	6652	East Bird Rd	210	1.0	\$ 26,700	\$ 103,000	Ronald Caveller	6652 East Bird Rd	Byron, NY 14422
3-1-15.121	6142	Merrill Rd	210	1.0	\$ 22,200	\$ 148,000	Steven Gerard	6142 Merrill Rd	Byron, NY 14422
3-1-15.2	6676	North Bergen Rd	210	1.0	\$ 22,700	\$ 123,000	Scott Morgan	6676 North Bergen Rd	Byron, NY 14422
3-1-17.11	6600	North Bergen Rd	210	1.0	\$ 45,900	\$ 171,900	Donna Gerard	6600 North Bergen Rd	Byron, NY 14422
3-1-17.21	6670	North Bergen Rd	210	1.0	\$ 22,700	\$ 166,400	Lisa Campbell	6670 North Bergen Rd	Byron, NY 14422-9528
3-1-18.21	6176	Merrill Rd	210	1.0	\$ 42,200	\$ 90,500	Jeffrey Cokley	6176 Merrill Rd	Byron, NY 14422
3-1-2.2	6031	Searis Rd	210	1.0	\$ 18,800	\$ 79,000	Ann Grady	6031 Searis Rd	Byron, NY 14422
3-1-20	6206	Merrill Rd	210	1.0	\$ 18,000	\$ 70,000	Neil McIvenny	412 Campbell Rd	Brackport, NY 14420
3-1-23.111	6594	Warboys Rd	210	1.0	\$ 18,300	\$ 74,000	James Causyn	6594 Warboys Rd	Byron, NY 14422
3-1-23.112	6371	Falgrounds Rd	210	1.0	\$ 13,300	\$ 119,500	Kevin Wall	6371 Falgrounds Rd	Byron, NY 14422
3-1-23.211	6626	Warboys Rd	210	1.0	\$ 41,600	\$ 78,500	Wayne Fuhry	6626 Warboys Rd	Byron, NY 14422
3-1-24	6604	Warboys Rd	210	1.0	\$ 15,800	\$ 69,400	Sandra McAndrew	6604 Warboys Rd	Byron, NY 14422
3-1-38.112	6332	Route 237	210	1.0	\$ 19,300	\$ 49,100	Steven Lockner	6332 Route 237	Byron, NY 14422
3-1-46	6387	Searis Rd	210	1.0	\$ 19,300	\$ 72,700	Donald Maskell II	6387 Searis Rd	Byron, NY 14422
3-1-47.1	6373	Searis Rd	210	1.0	\$ 34,500	\$ 215,000	Erik Will	6373 Searis Rd	Byron, NY 14422
3-1-48.2	6213	Searis Rd	210	1.0	\$ 20,600	\$ 106,000	Gary Bafer	6213 Searis Rd	Byron, NY 14422
3-1-50	6627	Warboys Rd	210	1.0	\$ 36,700	\$ 102,600	Victor DiGregorio	6627 Warboys Rd	Byron, NY 14422
3-1-51.112	6112	Route 237	210	1.0	\$ 31,700	\$ 92,000	Stephen Marclano	6112 Route 237	Byron, NY 14422
3-1-51.2	6116	Route 237	210	1.0	\$ 22,900	\$ 126,000	Bruce Wilson	6116 Route 237	Byron, NY 14422
3-1-52	6127	Route 237	210	1.0	\$ 28,400	\$ 35,000	John Pascarella	6127 Byron Holley Rd	Byron, NY 14422
3-1-53.2	6113	Route 237	210	1.0	\$ 35,400	\$ 93,000	Millard DuBois	6113 Byron-Holley Rd	Byron, NY 14422
3-1-55.1	6413	North Bergen Rd	210	1.0	\$ 27,900	\$ 79,000	Christian Oehler	6413 North Bergen Rd	Byron, NY 14422
3-1-56.21	6515	North Bergen Rd	210	1.0	\$ 18,000	\$ 48,000	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3-1-56.221	6501	North Bergen Rd	210	1.0	\$ 24,000	\$ 138,300	Dean Sharp	6501 North Bergen Rd	Byron, NY 14422
3-1-57.112	6150	Bird Rd	210	1.0	\$ 19,800	\$ 124,000	Sandra Shilley	6150 Bird Rd	Byron, NY 14422
3-1-57.12	6136	Bird Rd	210	1.0	\$ 20,300	\$ 99,000	Kip Keller	6136 Bird Rd	Byron, NY 14422
3-1-57.2	6148	Bird Rd	210	1.0	\$ 17,100	\$ 103,000	Timothy Antinora	6148 Bird Rd	Byron, NY 14422
3-1-58	6570	North Bergen Rd	210	1.0	\$ 19,300	\$ 128,500	Thomas Czworka	6570 North Bergen Rd	Byron, NY 14422
3-1-59	6539	Warboys Rd	210	1.0	\$ 18,300	\$ 142,000	Velva Novak	6539 Warboys Rd	Byron, NY 14422
3-1-6.2	6028	Bird Rd	210	1.0	\$ 19,300	\$ 141,000	Jason Perkins	6028 Bird Rd	Byron, NY 14422
3-1-61.112	6612	Warboys Rd	210	1.0	\$ 15,700	\$ 17,000	Dennis Payne Jr	6612 Warboys Rd	Byron, NY 14422
3-1-61.12	6614	Warboys Rd	210	1.0	\$ 15,700	\$ 95,000	Ellen Boyce	6614 Warboys Rd	Byron, NY 14422
3-1-63.2	6387	Searis Rd	210	0.0	\$ 26,100	\$ 146,500	Nancy Harrington	6387 Searis Rd	Byron, NY 14422
3-1-64	6153	Searis Rd	210	1.0	\$ 28,400	\$ 230,000	Michael Copani	6153 Searis Rd	Byron, NY 14422
3-1-65	6668	Warboys Rd	210	1.0	\$ 28,400	\$ 121,000	Lara Ezard	6668 Warboys Rd	Byron, NY 14422
3-1-67	6628	Warboys Rd	210	1.0	\$ 18,100	\$ 89,000	Crystal Pape	6628 Warboys Rd	Byron, NY 14422
3-1-68	6630	Warboys Rd	210	1.0	\$ 18,100	\$ 102,000	Brandon Bates	6630 Warboys Rd	Byron, NY 14422
3-1-70	6669	Warboys Rd	210	1.0	\$ 18,000	\$ 101,000	Heidi Sue Borycki	6669 Warboys Rd	Byron, NY 14422
3-1-76	6683	Warboys Rd	210	1.0	\$ 29,000	\$ 145,000	Mark Rogacki	6683 Warboys Rd	Byron, NY 14422
3-1-8	6620	East Bird Rd	210	1.0	\$ 31,900	\$ 154,500	Russell Dawson	6620 East Bird Rd	Byron, NY 14422
3-1-9	6632	East Bird Rd	210	1.0	\$ 37,800	\$ 132,600	David Fielding	6632 East Bird Rd	Byron, NY 14422
4-1-10.113	6027	Tower Hill Rd	210	1.0	\$ 22,800	\$ 269,000	Steven Smallwood	6027 Tower Hill Rd	Byron, NY 14422
4-1-10.12	6101	Tower Hill Rd	210	1.0	\$ 31,000	\$ 152,000	David Engle	6101 Tower Hill Rd	Byron, NY 14422
4-1-12	6945	Byron Rd	210	1.0	\$ 21,600	\$ 113,500	John Neabitt	6945 Byron Rd	Byron, NY 14422
4-1-15.1	5927	Route 262	210	1.0	\$ 29,400	\$ 134,000	Alvin Shaw	5927 Route 262	Byron, NY 14422
4-1-28.12	5936	Tower Hill Rd	210	1.0	\$ 20,600	\$ 90,400	Jean Ogley	5936 Tower Hill Rd	Byron, NY 14422
4-1-29.2	5992	Tower Hill Rd	210	1.0	\$ 27,900	\$ 239,000	James Vincent	5992 Tower Hill Rd	Byron, NY 14422
4-1-30.2	5931	Tower Hill Rd	210	1.0	\$ 26,600	\$ 209,000	Jeffrey Thompson	5931 Tower Hill Rd	Byron, NY 14422
4-1-31	5927	Tower Hill Rd	210	1.0	\$ 18,000	\$ 21,000	Gurelda Greenman Estate	5927 Tower Hill Rd	Byron, NY 14422

Already in WD #6

Appendix E
Town of Byron WBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
4.-1-35	6914	Byron Rd	210	1.0	\$ 25,400	\$ 125,500	Florence Dubois	6914 Byron Rd	Byron, NY 14422
4.-1-37.1	6910	Byron Rd	210	1.0	\$ 36,700	\$ 160,000	Jonathan Fooks	6910 Byron Rd	Byron, NY 14422
5.-1-3	6178	Tower Hill Rd	210	1.0	\$ 22,200	\$ 182,000	Joshua Dorman	6178 Tower Hill Rd	Byron, NY 14422
5.-2-10	6633	Byron Rd	210	1.0	\$ 8,100	\$ 20,000	R. D. Hillabush	7575 Clinton St Rd	Bergen, NY 14416
5.-2-11.1	6608	Byron Rd	210	1.0	\$ 20,100	\$ 55,000	Nicholas Stefanak	6856 West View Dr	Perry, NY 14530
5.-2-5.2	6609	Searis Rd	210	1.0	\$ 33,600	\$ 134,000	James Muolo	6609 Searis Rd	Byron, NY 14422
5.-2-6	6645	Searis Rd	210	1.0	\$ 7,000	\$ 73,700	Clara Lathrop Estate	6645 Searis Rd	Byron, NY 14422
5.-2-7.1	6651	Searis Rd	210	1.0	\$ 19,300	\$ 85,500	Aaron Sharp	6651 Searis Rd	Byron, NY 14422
5.-2-8.1	6137	Tower Hill Rd	210	1.0	\$ 22,700	\$ 111,000	Jenna Starowitz	6137 Tower Hill Rd	Byron, NY 14422
5.-2-9	6189	Tower Hill Rd	210	1.0	\$ 26,100	\$ 102,000	Denise Boorum	655 East Main St	Batavia, NY 14020
6.-1-2.11.2	5645	Route 262	210	1.0	\$ 16,600	\$ 113,200	Adam Bukowski	5645 Route 262	Eiba, NY 14058
6.-1-2.11.3	5661	Route 262	210	1.0	\$ 31,000	\$ 143,000	Mark Phillips	5661 Byron-Eiba Rd	Eiba, NY 14058
6.-1-28.121	5552	Cockram Rd	210	1.0	\$ 49,800	\$ 210,000	Karen Goodwin	5552 Cockram Rd	Byron, NY 14422
6.-1-29	7164	Bank St Rd	210	1.0	\$ 12,800	\$ 77,000	Daniel Gould	7164 Bank St Rd	Byron, NY 14422
6.-1-30.1	5563	Cockram Rd	210	1.0	\$ 28,100	\$ 100,000	Joseph Noeth	5563 Cockram Rd	Byron, NY 14422
6.-1-31.122	5575	Cockram Rd	210	1.0	\$ 9,000	\$ 79,000	Arnold Brokenbury	P.O. Box 73	Byron, NY 14422
6.-1-31.21	7069	Transit Rd	210	0.0	\$ 32,500	\$ 235,000	A. Elizabeth Prinzl	7069 Transit Rd	Eiba, NY 14058
6.-1-32.11	5597	Cockram Rd	210	1.0	\$ 20,900	\$ 167,000	Bradford Nickerson	5597 Cockram Rd	Byron, NY 14422
6.-1-32.21.1	5583	Cockram Rd	210	1.0	\$ 18,200	\$ 142,600	Richard Walker	5583 Cockram Rd	Byron, NY 14422
6.-1-32.22	5591	Cockram Rd	210	1.0	\$ 7,700	\$ 119,000	Alan Cook	5591 Cockram Rd	Byron, NY 14422
6.-1-33.2	7046	Bank St Rd	210	1.0	\$ 20,300	\$ 106,000	Lyndy Branton	7046 Bank St Rd	Byron, NY 14422
6.-1-34.2	6988	Bank St Rd	210	1.0	\$ 9,900	\$ 123,000	Joseph Stellrecht	6988 Bank St Rd	Byron, NY 14422
6.-1-35	5600	Route 262	210	1.0	\$ 26,600	\$ 132,500	Daniel Hopkins	5600 Route 262	Eiba, NY 14058
6.-1-36.12	5648	Route 262	210	1.0	\$ 29,800	\$ 105,000	Robert Magoffin	5648 Ebb Rd	Eiba, NY 14058
6.-1-36.2	5636	Route 262	210	1.0	\$ 21,600	\$ 136,800	Erica Brewster	5636 Route 262	Eiba, NY 14058
6.-1-49	5671	Route 262	210	1.0	\$ 24,800	\$ 138,800	Barry King	5671 Route 262	Eiba, NY 14058
6.-1-5.2	5786	Route 262	210	1.0	\$ 19,600	\$ 123,000	Kathleen Daly	5786 Byron-Eiba Rd	Byron, NY 14422
8.-1-19.112	7656	Byron Rd	210	1.0	\$ 25,200	\$ 166,900	Patricia Chmielowiec	7656 Batavia-Byron Rd	Byron, NY 14422
8.-1-22.2	7070	Byron Rd	210	1.0	\$ 7,500	\$ 30,000	Antonio Cabrera	P.O. Box 24675	Rochester, NY 14624
8.-1-25.12	5678	Walkers Corners Rd	210	1.0	\$ 40,200	\$ 160,000	Jason Sando	5678 Walkers Corners Rd	Eiba, NY 14058
8.-1-26.2	5630	Walkers Corners Rd	210	1.0	\$ 19,800	\$ 53,000	Barbara Ognibene	7331 Bank St Rd	Eiba, NY 14058
8.-1-27	5594	Walkers Corners Rd	210	1.0	\$ 21,600	\$ 90,000	Amanda Jack	5594 Walkers Corners Rd	Eiba, NY 14058
8.-1-30.1	7470	Byron Rd	210	0.0	\$ 261,600	\$ 361,600	Amy Walker-Casey	4803 Chevy Chase Blvd	Chevy Chase, MD 20815
1.-2-2.11.2	6285	Cook Rd	220	2.0	\$ 30,500	\$ 73,000	William Kowsky	6285 Cook Rd	Byron, NY 14422
12.-1-3.12	6897	North Bergen Rd	220	1.0	\$ 19,300	\$ 22,000	Ludwig Family Trust	6951 North Bergen Rd	Byron, NY 14422
2.-1-47.1	6227	Merriman Rd	220	1.0	\$ 23,900	\$ 73,000	Lorraine Wamner Estate	6227 Merriman Rd	Byron, NY 14422
4.-1-26.1	5732	Tower Hill Rd	230	3.0	\$ 50,600	\$ 133,000	Zuber Farms LLC	3846 Westside Dr	Churchville, NY 14428
1.-2-10	5958	Bird Rd	241	1.0	\$ 101,100	\$ 222,000	Bonnie Perkins	5958 Bird Rd	Byron, NY 14422
1.-2-17	5994	Route 237	241	1.0	\$ 80,800	\$ 235,000	Craig Trippany	5994 Route 237	Byron, NY 14422
1.-2-4.11	5819	Route 237	241	1.0	\$ 148,300	\$ 345,000	Kevin Novak	5819 Byron Holley Rd	Byron, NY 14422
1.-2-4.12	5857	Route 237	241	1.0	\$ 40,100	\$ 103,000	Todd Novak	5857 Route 237	Byron, NY 14422
10.-2-10	6917	Clinton St Rd	241	1.0	\$ 177,000	\$ 257,000	Benjamin Villareale Estate	6917 Clinton St Rd	Bergen, NY 14416
10.-2-26	6885	Clinton St Rd	241	1.0	\$ 235,600	\$ 326,000	George Peck	6885 Clinton St Rd	Bergen, NY 14416
11.-1-5	6996	North Bergen Rd	241	1.0	\$ 57,900	\$ 176,000	Donna Vanslyke	6996 North Bergen Rd	Byron, NY 14422
2.-1-19.1	6452	Searis Rd	241	0.0	\$ 126,400	\$ 239,000	Edith Bezon	6452 Searis Rd	Byron, NY 14422
2.-1-23	6355	Shell Rd	241	1.0	\$ 160,000	\$ 266,000	Joseph Bezon	6452 Searis Rd	Byron, NY 14422
3.-1-29	6483	Warboys Rd	241	1.0	\$ 157,800	\$ 206,000	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3.-1-30	6418	Warboys Rd	241	1.0	\$ 60,700	\$ 107,700	Clifford Sharp	6651 Searis Rd	Byron, NY 14422
3.-1-47.2	6329	Searis Rd	241	1.0	\$ 76,100	\$ 132,000	Judy Flanagan	6329 Searis Rd	Byron, NY 14422

Not being used as a 2-Family

Not being used as a 2-Family

Being used as a 3-Family

Charged in #6

Appendix E
Town of Byron WIBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
3-1-49	6272	Route 237	241	1.0	\$ 134,200	\$ 158,200	Helen Blahavsek	6272 Route 237	Byron, NY 14422
3-1-55.2	6433	North Bergen Rd	241	1.0	\$ 128,700	\$ 265,000	Douglas Coveny	6433 North Bergen Rd	Byron, NY 14422
3-1-57.111	6571	North Bergen Rd	241	1.0	\$ 122,500	\$ 170,000	Marilyn Brown	6571 North Bergen Rd	Byron, NY 14422
4-1-30.1	5925	Tower Hill Rd	241	1.0	\$ 284,800	\$ 357,800	Zuber Farms LLC	3846 Westside Dr	Churchville, NY 14428
6-1-34.11	7000	Bank St Rd	241	2.0	\$ 194,900	\$ 420,000	Marilyn Billi	7000 Bank St Rd	Byron, NY 14422
8-1-42	7588	Byron Rd	241	1.0	\$ 96,800	\$ 155,000	Gerald Chapell	7588 Balavia-Byron Rd	Byron, NY 14422
1-1-21.122	5948	Upper Holley Rd	242	1.0	\$ 57,600	\$ 115,000	David Kessler	5948 Upper Holley Rd	Byron, NY 14422
11-1-15.1	6984	Warboys Rd	242	1.0	\$ 39,500	\$ 220,000	Mark Demersman	6984 Warboys Rd	Byron, NY 14422
11-1-25.111	6776	Warboys Rd	242	1.0	\$ 37,000	\$ 136,000	Maura Wilson-Blumenfeld	6776 Warboys Rd	Byron, NY 14422
11-1-29.2	6223	Merrill Rd	242	1.0	\$ 42,500	\$ 204,000	Gerald Kelly III	6223 Merrill Rd	Byron, NY 14422
12-1-8.1	5975	Merrill Rd	242	1.0	\$ 61,500	\$ 181,000	Leslie Kulpers	5975 Merrill Rd	Byron, NY 14422
2-1-34.1	5630	Shell Rd	242	1.0	\$ 38,100	\$ 125,000	Brian Stacy	5630 Shell Rd	Elba, NY 14058
3-1-13	6719	North Bergen Rd	242	1.0	\$ 40,000	\$ 183,000	Elen Gerhardy	6719 North Bergen Rd	Byron, NY 14422
3-1-14	6679	North Bergen Rd	242	1.0	\$ 38,500	\$ 128,000	Robert Mills	6679 North Bergen Rd	Byron, NY 14422
3-1-15.11	6728	North Bergen Rd	242	1.0	\$ 43,800	\$ 98,000	Cynthia Bizari	6728 North Bergen Rd	Byron, NY 14422
3-1-16	6613	North Bergen Rd	242	1.0	\$ 45,600	\$ 120,000	Frank Strock	6613 North Bergen Rd	Byron, NY 14422
3-1-61.21	6377	Fairgrounds Rd	242	1.0	\$ 38,100	\$ 144,000	Raymond Gonyea	6377 Fairgrounds Rd	Byron, NY 14422
3-1-7.1	6057	Bird Rd	242	1.0	\$ 30,800	\$ 85,000	Clayton Fadle	6057 Bird Rd	Byron, NY 14422
4-1-13.2	6811	Byron Rd	242	1.0	\$ 47,600	\$ 258,000	Jeff Jarosinski	6811 Byron Rd	Byron, NY 14422
5-2-13	6591	Byron Rd	242	1.0	\$ 32,000	\$ 50,000	Daisy Straeter	8029 Lake St Rd	LeRoy, NY 14482
6-1-2.2	5577	Route 262	242	1.0	\$ 46,600	\$ 122,000	Christina Petrone	5577 Route 262	Elba, NY 14058
6-1-36.112	6934	Bank St Rd	242	1.0	\$ 42,100	\$ 125,000	Dale Tucker	6934 Bank St Rd	Byron, NY 14422
8-1-19.111	7653	Byron Rd	242	1.0	\$ 59,100	\$ 172,000	Linda Scatella	7653 Byron Rd	Byron, NY 14422
1-2-8.2	5884	Merrill Rd	270	2.0	\$ 45,100	\$ 156,000	Frank Arena	5884 Merrill Rd	Byron, NY 14422
3-1-19.11	6202	Merrill Rd	270	1.0	\$ 14,400	\$ 30,400	Carol Roberts	6202 Merrill Rd	Byron, NY 14422
4-1-28.2	5926	Tower Hill Rd	270	1.0	\$ 15,300	\$ 32,900	James McCaffery	5926 Tower Hill Rd	Byron, NY 14422
10-2-21	6891-6893	Clinton St Rd	280	2.0	\$ 20,200	\$ 110,200	Richard Peck	6893 Clinton St Rd	Berogen, NY 14416
1-2-22.2		Merrill Rd	311	0.0	\$ 8,100	\$ 8,100	Bret Rehwaldt	5833 Merrill Rd	Byron, NY 14422
10-2-19.1		Clinton St Rd	311	0.5	\$ 14,300	\$ 14,300	Robert Brumsted	7794 Warner Rd	Byron, NY 14422
2-1-12		Cook Rd	311	0.0	\$ 2,500	\$ 2,500	Legacy Lands, LLC	P.O. Box 189	Byron, NY 14422
3-1-1		Searis Rd	311	0.0	\$ 300	\$ 300	Allen Robinson	115931 Brown Schoolhouse Rd	Holley, NY 14470
3-1-15.122		Merrill Rd	311	0.5	\$ 25,700	\$ 25,700	Donna Gerrard	6600 North Bergen Rd	Byron, NY 14422
3-1-21.115		Warboys Rd	311	0.0	\$ 100	\$ 100	Jeffrey Borycki	6669 Warboys Rd	Byron, NY 14422
3-1-69		North Bergen Rd	311	0.0	\$ 100	\$ 100	Cynthia Bizari	6728 North Bergen Rd	Byron, NY 14422
4-1-28.112		Tower Hill Rd	311	0.0	\$ 200	\$ 200	James Vincent	5992 Tower Hill Rd	Byron, NY 14422
6-1-37.2	6999	Bank St Rd	311	0.5	\$ 3,600	\$ 3,600	Call Lands Partnership	6127 Lewiston Rd	Batavia, NY 14020
6-1-53		Route 262	311	0.5	\$ 14,200	\$ 14,200	Timothy Knisley	309 Ridgmont Dr	Rochester, NY 14626
1-1-19	6123	Cook Rd	312	0.5	\$ 21,100	\$ 23,000	Dorene George	29 Caraway Ln	Spencerport, NY 14559
1-2-13.1		Route 237	312	0.5	\$ 72,400	\$ 72,700	Kevin Novak	5819 Byron-Holley Rd	Byron, NY 14422
1-2-14.2		Cook Rd	312	0.5	\$ 3,600	\$ 12,000	William Stevens	6181 Cook Rd	Byron, NY 14422
1-2-6.115		Bird Rd	312	0.5	\$ 28,200	\$ 49,500	Carl Harimann	8 Kaylin Dr	Rochester, NY 14624
10-2-12.1	6993	Clinton St Rd	312	0.5	\$ 17,700	\$ 17,800	James McKenzie Jr	7001 Clinton St Rd	Berogen, NY 14416
3-1-51.12	6128	Route 237	312	0.5	\$ 14,500	\$ 18,500	John Pascarella	6127 Byron-Holley Rd	Byron, NY 14422
4-1-11.2		Tower Hill Rd	312	0.5	\$ 21,500	\$ 34,500	James Vincent	5992 Tower Hill Rd	Byron, NY 14422
4-1-14.11		Byron Rd	312	0.0	\$ 28,400	\$ 32,700	Buffalo Society of Natural Sc	1020 Humboldt Pkwy	Buffalo, NY 14211
10-2-18		Clinton St Rd	314	0.0	\$ 7,300	\$ 7,300	Benjamin Villareale Estate	6917 Clinton St Rd	Berogen, NY 14416
11-1-1.112		North Bergen Rd	314	0.0	\$ 800	\$ 800	Craig Ferguson	6745 North Bergen Rd	Byron, NY 14422
11-1-14.2		Warboys Rd	314	0.0	\$ 1,500	\$ 1,500	Stephen Courtney	7000 Warboys Rd	Byron, NY 14422
11-1-2		North Bergen Rd	314	0.0	\$ 800	\$ 800	Craig Ferguson	6745 North Bergen Rd	Byron, NY 14422

Appendix E
Town of Byron WBA No. 1
List of Parcels

Tax ID No.	No.	Street	Code	Units	Land AV	Total AV	Owner Name	Mailing Address	Mailing City & Zip
11-1-26.11		Warboys Rd	314	0.5	\$ 3,000	\$ 3,000	Karen Tennily	62 Lake St Apt Lower	LeRoy, NY 14482
11-1-26.2		Warboys Rd	314	0.5	\$ 4,800	\$ 4,800	Francis Tennily	P.O. Box 818	Honeoye, NY 14471
11-1-27.12		Warboys Rd	314	0.0	\$ 8,500	\$ 8,500	Gregory Wing	5875 Warboys Rd	Byron, NY 14422
12-1-2.12		South Holley Rd	314	0.5	\$ 23,600	\$ 23,600	Lorene Willard	5894 South Holley Rd	Byron, NY 14422
2-1-11.2		Cook Rd	314	0.5	\$ 7,300	\$ 7,300	Keith Scroger	5996 Cook Rd	Byron, NY 14422
3-1-23.22		Warboys Rd	314	0.5	\$ 15,200	\$ 15,200	Cheryl Grastorf	116 Bridgeman Rd	Churchville, NY 14428
3-1-61.111		Warboys Rd	314	0.5	\$ 7,700	\$ 7,700	Daniel Gonyea	7359 Coward Rd	Byron, NY 14422
5-2-12.2		Byron Rd	314	0.5	\$ 9,900	\$ 9,900	Daisy Streeter	8029 Lake St Rd	LeRoy, NY 14482
5-2-5.121		Tower Hill Rd	314	0.5	\$ 2,700	\$ 2,700	Jenna Starowitz	6137 Tower Hill Rd	Byron, NY 14422
6-1-32.122		Cockram Rd	314	0.0	\$ 1,400	\$ 1,400	Alan Cook	5591 Cockram Rd	Byron, NY 14422
10-2-14		Clinton St Rd	320	0.0	\$ 4,600	\$ 4,600	Derek Emrich	6681 N. Lake Rd	Bergen, NY 14416
3-1-12		Merrill Rd	321	0.5	\$ 24,100	\$ 24,100	Edith Wendell	252 Dillon Hollow Rd	Jane Lew, WV 26378
3-1-63.1		Searls Rd	321	0.5	\$ 20,400	\$ 20,400	Peter Coughlin	10 West Ave	Elba, NY 14058-0074
4-1-14.122		Byron Rd	321	0.0	\$ 50,900	\$ 50,900	Buffalo Society of Natural Sc	1020 Humboldt Pkwy	Buffalo, NY 14211
1-2-18.2		Cook Rd	322	0.5	\$ 14,600	\$ 14,600	Kevin Hillabush	123 Chellenham Rd	Rochester, NY 14612
1-2-11.1		Route 237	322	0.5	\$ 41,200	\$ 41,200	David Saxman	6888 Tripp Rd	Byron, NY 14422
1-2-8.112		Merrill Rd	322	0.5	\$ 20,500	\$ 20,500	Bret Rehwaldt	5833 Merrill Rd	Byron, NY 14422
3-1-23.212		Warboys Rd	322	0.5	\$ 36,600	\$ 36,600	Ronald Eard	6668 Warboys Rd	Byron, NY 14422
1-2-11		Bird Rd	323	0.5	\$ 32,900	\$ 32,900	Bonnie Perkins	5958 Bird Rd	Byron, NY 14422
3-1-7.2		Bird Rd	323	0.5	\$ 4,400	\$ 4,400	Daniel Morgan	6719 North Bergen Rd	Byron, NY 14422
4-1-10.2		Tower Hill Rd	323	0.5	\$ 14,100	\$ 14,100	James Vincent	5992 Tower Hill Rd	Byron, NY 14422
4-1-32.1		Byron Rd	323	0.0	\$ 23,600	\$ 23,600	Town of Byron	P.O. Box 9	Byron, NY 14422
6-1-22.1		Byron Rd	323	0.0	\$ 1,400	\$ 1,400	Clair Staal	5636 Godfreys Pond Rd	Bergen, NY 14416
4-1-16.2		Chapell Rd	380	0.0	\$ 2,300	\$ 2,300	Niagara Mohawk Power Cor	300 Erie Blvd West	Syracuse, NY 13202
1-1-22	5833	Cook Rd	449	1.0	\$ 132,500	\$ 172,500	Big-O Farms, Inc.	P. O. Box 276	Elba, NY 14058
5-2-14	6265	Tower Hill Rd	472	0.0	\$ 32,000	\$ 138,000	Richard Mathes	6142 North Byron Rd	Byron, NY 14422
4-1-32.2		Byron Rd	590	0.0	\$ 6,500	\$ 6,500	Town of Byron	P.O. Box 9	Byron, NY 14422
3-1-36.2		Route 237	695	0.0	\$ 13,000	\$ 13,000	North Byron Cemetery Assoc	P.O. Box 316	Byron, NY 14422
3-1-37		Route 237	695	0.0	\$ 21,800	\$ 25,000	North Byron Cemetery Assoc	P.O. Box 316	Byron, NY 14422
12-1-8.2		Part of 12-1-8.1					Leslie Kuipers		
12-1-9		Part of 12-1-8.1					Leslie Kuipers		
3-1-10		Part of 3-1-14					Robert Mills		
3-1-21.2		Part of 3-1-20					Neil McIlvenny		
3-1-23.12		Part of 3-1-24					Waller McAndrew		
6-1-36.111		Part of 6-1-36.112					Dale Tucker		
				Totals =	247.0	\$ 24,205,700	\$ 46,371,100		

APPENDIX F

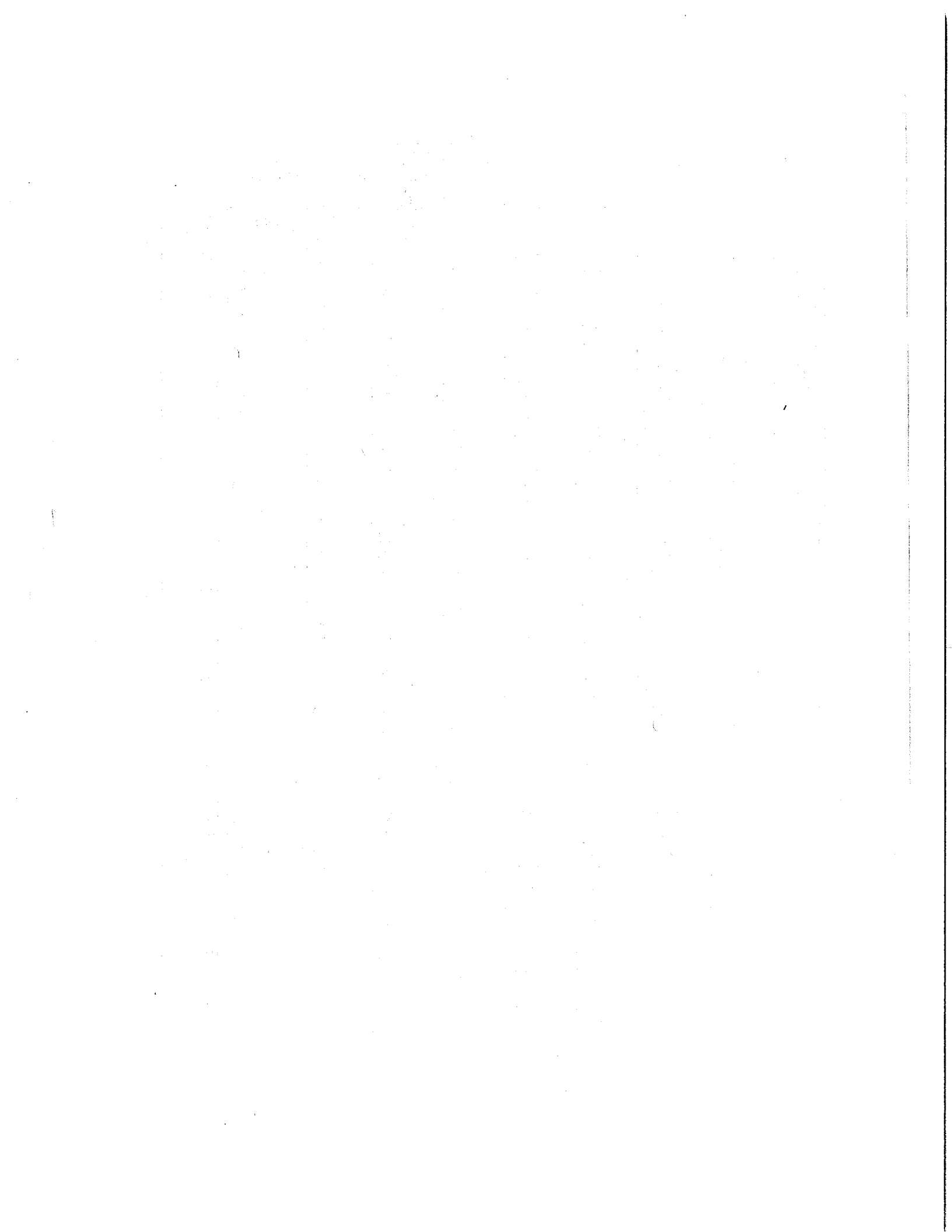
WATER SYSTEM HYDRAULIC CALCULATIONS

Fire Flow Node FlexTable: Fire Flow Report

Label	Fire Flow (Needed) (gpm)	Fire Flow (Available) (gpm)	Flow (Total Needed) (gpm)	Flow (Total Available) (gpm)	Pressure (psi)	Pressure (Residual Lower Limit) (psi)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (Zone)
J-85	500	613	500	613	71	20	20	23	J-82
J-84	500	635	500	635	76	20	25	20	J-85
J-82	500	635	500	635	62	20	20	21	J-81
J-83	500	635	500	635	71	20	24	20	J-82
J-81	500	650	500	650	57	20	20	22	J-80
J-36	500	651	502	653	64	20	20	44	J-97
J-80	500	678	500	678	55	20	20	22	J-66
J-98	500	692	500	692	67	20	20	36	J-97
J-66	500	699	505	705	55	20	20	20	J-80
J-67	500	712	505	717	53	20	20	37	J-66
J-79	500	766	500	766	63	20	20	44	J-78
J-78	500	776	500	776	69	20	20	38	J-79
J-102	500	792	500	792	69	20	20	33	J-99
J-118	500	827	500	827	71	20	20	37	J-117
J-115	500	852	500	852	82	20	20	33	J-114
J-113	500	854	500	854	72	20	20	39	J-117
J-97	500	873	500	873	63	20	20	24	J-98
J-96	500	907	500	907	54	20	20	57	J-97
J-90	500	926	500	926	87	20	20	42	J-79
J-110	500	927	500	927	93	20	20	41	J-117
J-69	500	928	505	934	70	20	20	22	J-66
J-65	500	929	505	934	72	20	37	20	J-66
J-35	500	936	502	938	76	20	32	20	J-36
J-99	500	948	500	948	65	20	20	24	J-102
J-114	500	968	500	968	78	20	20	23	J-115
J-68	500	968	505	974	76	20	37	20	J-66
J-64	500	985	505	990	71	20	39	20	J-67
J-88	500	1,021	500	1,021	90	20	20	32	J-86
J-63	500	1,026	503	1,029	75	20	32	20	J-79
J-104	500	1,026	500	1,026	74	20	20	28	J-99
J-117	500	1,035	500	1,035	69	20	20	22	J-118
J-100	500	1,044	500	1,044	67	20	21	20	J-99
J-56	500	1,074	503	1,077	77	20	33	20	J-79
J-77	500	1,097	505	1,103	61	20	20	32	J-46
J-48	500	1,098	502	1,101	84	20	20	49	J-49
J-112	500	1,098	500	1,098	81	20	29	20	J-113
J-103	500	1,104	500	1,104	76	20	22	20	J-104
J-34	500	1,104	502	1,107	75	20	29	20	J-97
J-32	500	1,106	502	1,109	79	20	34	20	J-97
J-33	500	1,106	502	1,109	79	20	31	20	J-97
J-87	500	1,118	500	1,118	76	20	20	24	J-86
J-116	500	1,127	500	1,127	84	20	34	20	J-117
J-111	500	1,128	500	1,128	74	20	23	20	J-117
J-71	500	1,129	505	1,134	76	20	20	22	J-80
J-49	500	1,141	502	1,143	66	20	20	53	J-96
J-30	500	1,150	502	1,152	83	20	37	20	J-97

Fire Flow Node FlexTable: Fire Flow Report

Label	Fire Flow (Needed) (gpm)	Fire Flow (Available) (gpm)	Flow (Total Needed) (gpm)	Flow (Total Available) (gpm)	Pressure (psi)	Pressure (Residual Lower Limit) (psi)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (Zone)
J-86	500	1,166	500	1,166	76	20	20	20	J-87
J-62	500	1,172	503	1,175	74	20	20	23	J-87
J-70	500	1,173	505	1,179	76	20	25	20	J-80
J-59	500	1,174	503	1,177	76	20	20	29	J-79
J-4	500	1,179	502	1,182	68	20	34	20	J-67
J-89	500	1,213	500	1,213	93	20	26	20	J-90
J-57	500	1,225	503	1,228	78	20	25	20	J-79
J-109	500	1,229	500	1,229	96	20	36	20	J-117
J-91	500	1,245	500	1,245	91	20	20	22	J-90
J-52	500	1,257	502	1,260	98	20	20	47	J-53
J-46	500	1,269	502	1,272	63	20	21	20	J-77
J-108	500	1,342	500	1,342	356	20	286	20	J-117
J-107	500	1,342	500	1,342	87	20	21	20	J-117
J-73	500	1,350	505	1,355	81	20	20	27	J-80
J-92	500	1,353	500	1,353	97	20	20	22	J-61
J-61	500	1,355	503	1,358	96	20	20	22	J-92
J-106	500	1,363	500	1,363	78	20	27	20	J-97
J-31	500	1,368	502	1,370	79	20	28	20	J-97
J-29	500	1,381	502	1,383	81	20	38	20	J-97
J-58	500	1,383	503	1,386	74	20	20	21	J-79
J-60	500	1,462	503	1,466	111	20	30	20	J-61
J-94	500	1,508	500	1,508	88	20	55	20	J-96
J-95	500	1,509	500	1,509	86	20	40	20	J-96
J-53	500	1,554	502	1,557	99	20	21	20	J-52
J-76	500	1,594	505	1,599	76	20	20	34	J-66
J-11	500	1,605	502	1,607	99	20	46	20	J-79
J-55	500	1,608	503	1,612	84	20	38	20	J-79
J-72	500	1,613	505	1,618	81	20	20	20	J-80
J-28	500	1,619	502	1,622	81	20	23	20	J-117
J-27	500	1,650	502	1,653	78	20	35	20	J-97
J-93	500	1,698	500	1,698	89	20	55	20	J-96
J-47	500	1,775	502	1,778	83	20	37	20	J-49
J-12	500	1,793	502	1,796	78	20	20	30	J-75
J-26	500	1,826	502	1,829	90	20	49	20	J-96
J-75	500	1,877	505	1,882	76	20	20	28	J-12
J-25	500	1,880	502	1,882	93	20	56	20	J-96
J-7	500	1,892	502	1,894	91	20	43	20	J-79
J-74	500	1,919	505	1,925	78	20	20	21	J-66
J-50	500	2,103	502	2,105	92	20	20	20	J-49
J-10	500	2,137	502	2,140	99	20	32	20	J-79
J-40	500	2,141	502	2,144	90	20	20	32	J-96
J-24	500	2,178	502	2,181	92	20	55	20	J-96
J-9	500	2,247	502	2,250	91	20	27	20	J-76
J-23	500	2,388	502	2,391	87	20	52	20	J-96
J-18	500	2,412	502	2,414	86	20	51	20	J-96
J-22	500	2,430	502	2,432	87	20	48	20	J-96



Fire Flow Node FlexTable: Fire Flow Report

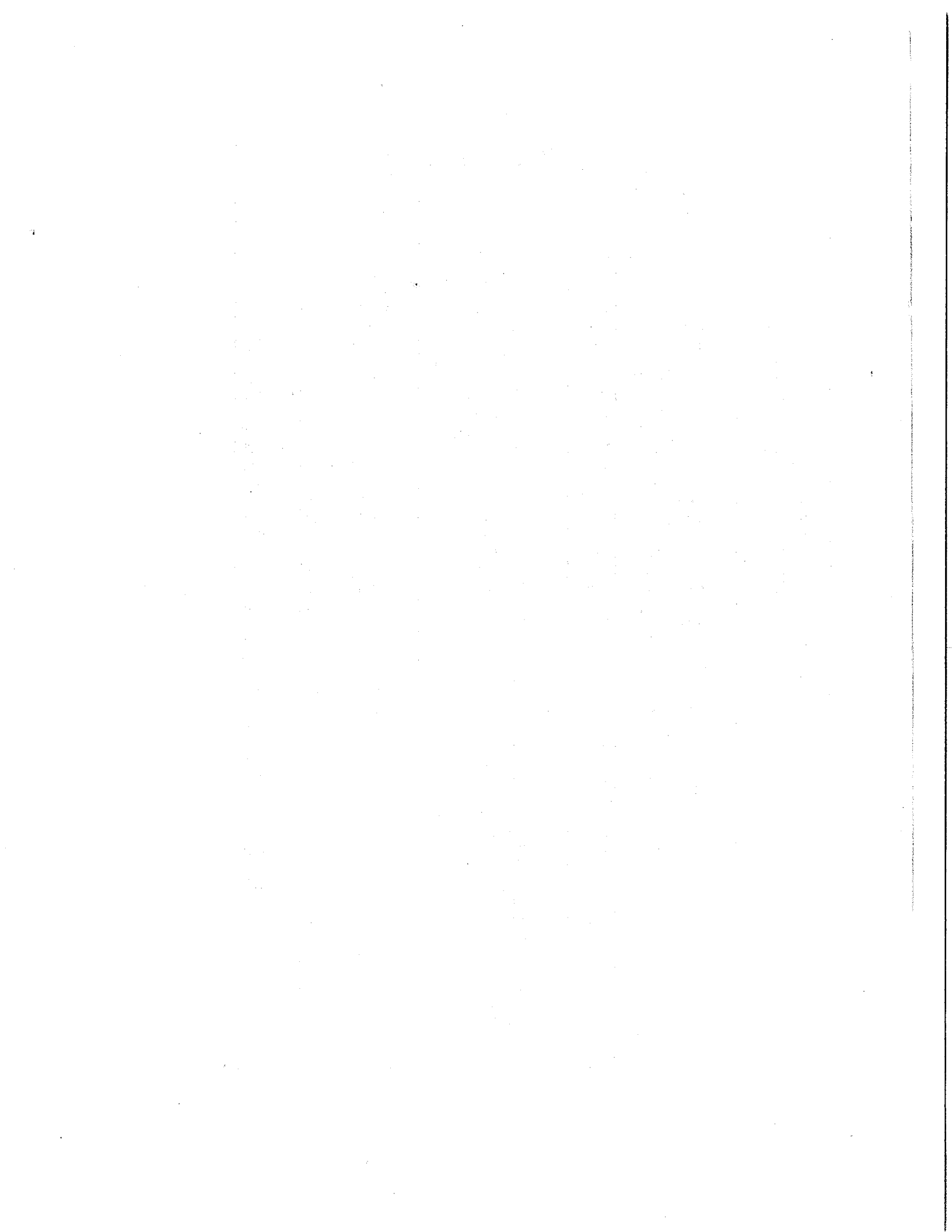
Label	Fire Flow (Needed) (gpm)	Fire Flow (Available) (gpm)	Flow (Total Needed) (gpm)	Flow (Total Available) (gpm)	Pressure (psi)	Pressure (Residual Lower Limit) (psi)	Pressure (Calculated Residual) (psi)	Pressure (Calculated Zone Lower Limit) (psi)	Junction w/ Minimum Pressure (Zone)
J-21	500	2,434	502	2,436	86	20	49	20	J-96
J-38	500	2,434	502	2,437	85	20	44	20	J-96
J-20	500	2,434	502	2,437	87	20	50	20	J-96
J-19	500	2,435	502	2,438	87	20	51	20	J-96
J-14	500	2,439	502	2,441	89	20	54	20	J-96
J-42	500	2,446	502	2,448	78	20	37	20	J-77
J-15	500	2,451	502	2,454	89	20	54	20	J-96
J-16	500	2,457	502	2,459	89	20	53	20	J-96
J-37	500	2,465	502	2,468	89	20	52	20	J-96
J-44	500	2,474	502	2,477	59	20	20	23	J-43
J-43	500	2,501	502	2,504	61	20	21	20	J-44
J-13	500	2,519	502	2,521	79	20	35	20	J-96
J-39	500	2,537	502	2,539	91	20	23	20	J-96
J-41	500	2,537	502	2,540	89	20	48	20	J-96
J-45	500	2,542	502	2,544	61	20	20	24	J-44
J-51	500	2,555	502	2,558	91	20	27	20	J-96
J-6	500	2,581	502	2,583	87	20	41	20	J-79
J-3	500	2,616	502	2,619	81	20	48	20	J-67
J-5	500	2,627	502	2,630	78	20	44	20	J-67
J-8	500	2,629	502	2,631	89	20	38	20	J-67
J-54	500	2,671	500	2,671	63	20	20	24	J-45
J-2	500	2,876	502	2,879	84	20	51	20	J-67
J-1	500	3,500	502	3,502	56	20	48	45	J-67

FlexTable: Pipe Table

ID	Label	Length (Scaled) (ft)	Start Node	Stop Node	Diameter (in)	Material	Hazen- Williams C	Flow (gpm)	Velocity (ft/s)
32	P-1	2,910	J-1	J-2	12.0	Ductile Iron	110.0	230	0.65
34	P-2	670	J-2	J-3	12.0	Ductile Iron	110.0	228	0.65
36	P-3	2,486	J-3	J-4	8.0	Ductile Iron	110.0	59	0.37
38	P-4	210	J-3	J-5	12.0	Ductile Iron	110.0	166	0.47
40	P-5	478	J-5	J-6	8.0	Ductile Iron	110.0	101	0.65
42	P-6	971	J-6	J-7	8.0	Ductile Iron	110.0	84	0.54
44	P-7	1,248	J-5	J-8	8.0	Ductile Iron	110.0	63	0.40
45	P-8	1,221	J-8	J-6	8.0	Ductile Iron	110.0	-15	0.10
47	P-9	2,238	J-8	J-9	8.0	Ductile Iron	110.0	75	0.48
49	P-10	3,299	J-9	J-10	8.0	Ductile Iron	110.0	42	0.27
51	P-11	2,894	J-10	J-11	8.0	Ductile Iron	110.0	33	0.21
53	P-12	3,026	J-10	J-12	8.0	PVC	130.0	-14	0.09
58	P-14	248	J-14	J-15	12.0	Ductile Iron	110.0	21	0.06
60	P-15	213	J-15	J-16	12.0	Ductile Iron	110.0	36	0.10
61	P-16	2,523	J-13	J-15	12.0	Ductile Iron	110.0	18	0.05
66	P-19	770	J-18	J-14	12.0	Ductile Iron	110.0	-7	0.02
68	P-20	308	J-14	J-19	12.0	Ductile Iron	110.0	-30	0.09
70	P-21	321	J-19	J-20	12.0	Ductile Iron	110.0	-36	0.10
72	P-22	313	J-20	J-21	12.0	Ductile Iron	110.0	-47	0.13
74	P-23	714	J-19	J-22	8.0	Ductile Iron	110.0	4	0.02
75	P-24	958	J-20	J-22	8.0	Ductile Iron	110.0	8	0.05
76	P-25	319	J-22	J-18	8.0	Ductile Iron	110.0	9	0.06
78	P-26	414	J-18	J-23	12.0	Ductile Iron	110.0	14	0.04
80	P-27	2,362	J-24	J-23	12.0	Ductile Iron	110.0	3	0.01
82	P-28	788	J-24	J-25	8.0	Ductile Iron	110.0	-5	0.03
84	P-29	550	J-25	J-26	8.0	Ductile Iron	110.0	-16	0.10
86	P-30	1,956	J-25	J-27	8.0	Ductile Iron	110.0	8	0.05
88	P-31	912	J-27	J-28	8.0	Ductile Iron	110.0	6	0.04
90	P-32	1,027	J-27	J-29	8.0	Ductile Iron	110.0	16	0.10
92	P-33	1,930	J-29	J-30	8.0	Ductile Iron	110.0	11	0.07
94	P-34	1,179	J-29	J-31	8.0	Ductile Iron	110.0	3	0.02
96	P-35	812	J-30	J-32	8.0	PVC	130.0	8	0.05
98	P-36	302	J-32	J-33	8.0	PVC	130.0	2	0.02
100	P-37	441	J-32	J-34	8.0	PVC	130.0	0	0.00
102	P-38	3,930	J-32	J-35	8.0	PVC	130.0	3	0.02
104	P-39	6,431	J-35	J-36	8.0	PVC	130.0	2	0.02
106	P-40	266	J-16	J-37	12.0	Ductile Iron	110.0	34	0.10
108	P-41	1,254	J-37	J-38	8.0	Ductile Iron	110.0	-1	0.00
109	P-42	333	J-23	J-38	8.0	Ductile Iron	110.0	14	0.09
111	P-43	2,516	J-38	J-39	8.0	Ductile Iron	110.0	11	0.07
113	P-44	511	J-39	J-40	8.0	Ductile Iron	110.0	2	0.02
115	P-45	1,744	J-37	J-41	12.0	Ductile Iron	110.0	32	0.09
117	P-46	3,293	J-41	J-42	12.0	Ductile Iron	110.0	23	0.07
119	P-47	4,766	J-42	J-43	12.0	Ductile Iron	110.0	13	0.04
121	P-48	497	J-43	J-44	12.0	Ductile Iron	110.0	5	0.01
123	P-49	2,274	J-44	J-45	12.0	Ductile Iron	110.0	2	0.01
125	P-50	1,955	J-42	J-46	8.0	Ductile Iron	110.0	8	0.05
127	P-51	3,294	J-43	J-47	8.0	PVC	130.0	5	0.03

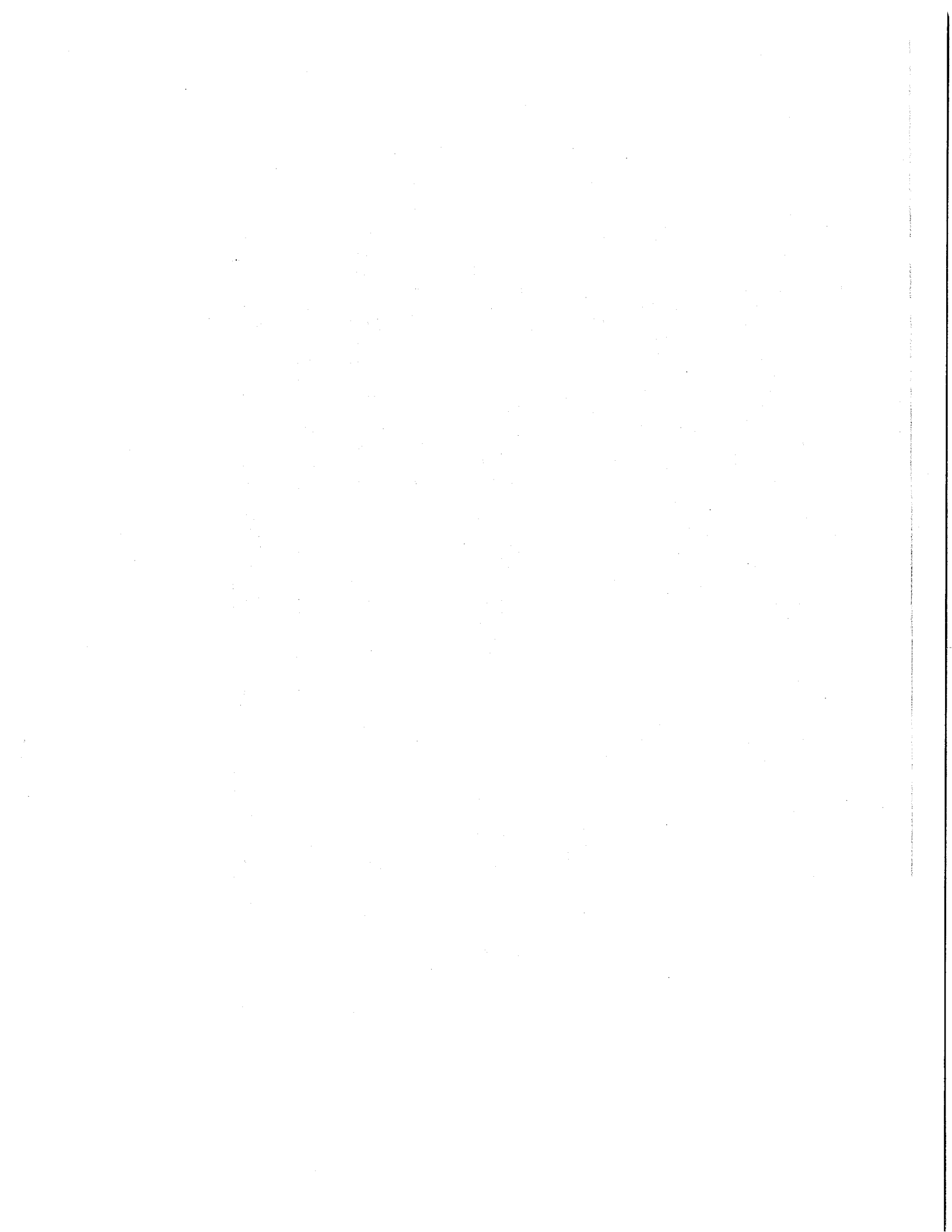
FlexTable: Pipe Table

ID	Label	Length (Scaled) (ft)	Start Node	Stop Node	Diameter (in)	Material	Hazen- Williams C	Flow (gpm)	Velocity (ft/s)
129	P-52	1,235	J-47	J-48	6.0	PVC	130.0	2	0.03
131	P-53	2,743	J-47	J-49	8.0	PVC	130.0	2	0.02
133	P-54	3,770	J-47	J-50	8.0	PVC	130.0	-2	0.01
135	P-55	3,788	J-50	J-51	8.0	PVC	130.0	-10	0.06
136	P-56	449	J-39	J-51	8.0	Ductile Iron	110.0	6	0.04
137	P-57	2,277	J-41	J-51	8.0	Ductile Iron	110.0	6	0.04
140	P-58	2,168	J-52	J-53	8.0	PVC	130.0	-2	0.02
141	P-59	2,201	J-53	J-50	8.0	PVC	130.0	-5	0.03
146	P-62	188	J-10	PRV-2	8.0	Ductile Iron	110.0	20	0.13
147	P-63	2,070	PRV-2	J-13	8.0	Ductile Iron	110.0	20	0.13
150	P-64	590	R-1	PMP-1	12.0	Ductile Iron	110.0	232	0.66
151	P-65	633	PMP-1	J-1	12.0	Ductile Iron	110.0	232	0.66
158	P-66	2,927	J-45	J-54	12.0	Ductile Iron	110.0	0	0.00
161	P-67	599	R-2	PMP-2	12.0	Ductile Iron	110.0	0	0.00
162	P-68	529	PMP-2	J-54	12.0	Ductile Iron	110.0	0	0.00
165	P-69	1,292	J-7	J-55	8.0	PVC	130.0	81	0.52
167	P-70	6,404	J-55	J-56	8.0	PVC	130.0	35	0.22
169	P-71	4,358	J-56	J-57	8.0	PVC	130.0	29	0.18
171	P-72	2,670	J-57	J-58	8.0	PVC	130.0	26	0.16
173	P-73	1,161	J-58	J-59	8.0	PVC	130.0	3	0.02
174	P-74	6,671	J-55	J-11	8.0	PVC	130.0	43	0.28
176	P-75	4,907	J-11	J-60	8.0	PVC	130.0	58	0.37
179	P-77	2,088	J-60	J-61	8.0	PVC	130.0	6	0.04
181	P-78	2,459	J-62	J-58	8.0	PVC	130.0	-36	0.23
182	P-79	4,564	J-58	J-11	8.0	PVC	130.0	-16	0.10
184	P-80	346	J-63	J-56	8.0	PVC	130.0	-3	0.02
186	P-81	393	J-60	PRV-3	8.0	PVC	130.0	49	0.31
187	P-82	641	PRV-3	J-21	8.0	PVC	130.0	49	0.31
189	P-83	2,430	J-4	J-64	8.0	PVC	130.0	56	0.36
191	P-84	2,719	J-64	J-65	8.0	PVC	130.0	45	0.29
193	P-85	3,219	J-65	J-66	8.0	PVC	130.0	5	0.03
195	P-86	3,235	J-64	J-67	8.0	PVC	130.0	5	0.03
197	P-87	1,616	J-65	J-68	8.0	PVC	130.0	34	0.22
199	P-88	1,945	J-68	J-69	8.0	PVC	130.0	5	0.03
201	P-89	4,779	J-68	J-70	8.0	PVC	130.0	24	0.15
203	P-90	690	J-70	J-71	8.0	PVC	130.0	5	0.03
205	P-91	4,947	J-70	J-72	8.0	PVC	130.0	13	0.08
207	P-92	933	J-72	J-73	8.0	PVC	130.0	5	0.03
209	P-93	1,796	J-72	J-74	8.0	PVC	130.0	2	0.01
211	P-94	5,310	J-74	J-75	8.0	PVC	130.0	-3	0.02
212	P-95	1,680	J-75	J-12	8.0	PVC	130.0	16	0.11
214	P-96	4,577	J-9	J-76	8.0	PVC	130.0	31	0.20
215	P-97	3,286	J-76	J-75	8.0	PVC	130.0	25	0.16
217	P-98	1,095	J-46	J-77	8.0	PVC	130.0	5	0.03
220	P-100	400	J-44	PRV-4	8.0	PVC	130.0	0	0.00
221	P-101	4,524	PRV-4	J-74	8.0	PVC	130.0	0	0.00
223	P-102	4,798	J-78	J-56	8.0	PVC	130.0	0	0.00
225	P-103	3,439	J-79	J-63	8.0	PVC	130.0	0	0.00



FlexTable: Pipe Table

ID	Label	Length (Scaled) (ft)	Start Node	Stop Node	Diameter (in)	Material	Hazen- Williams C	Flow (gpm)	Velocity (ft/s)
227	P-104	465	J-66	J-80	8.0	PVC	130.0	0	0.00
229	P-105	1,423	J-80	J-81	8.0	PVC	130.0	0	0.00
231	P-106	1,959	J-81	J-82	8.0	PVC	130.0	0	0.00
233	P-107	1,272	J-82	J-83	8.0	PVC	130.0	0	0.00
235	P-108	2,421	J-82	J-84	8.0	PVC	130.0	0	0.00
237	P-109	991	J-84	J-85	8.0	PVC	130.0	0	0.00
239	P-110	1,152	J-62	J-86	8.0	PVC	150.0	32	0.21
241	P-111	410	J-86	J-87	8.0	PVC	130.0	0	0.00
243	P-112	3,100	J-86	J-88	8.0	PVC	130.0	0	0.00
245	P-113	3,935	J-86	J-89	8.0	PVC	130.0	32	0.21
247	P-114	3,678	J-89	J-90	8.0	PVC	130.0	0	0.00
249	P-115	1,557	J-89	J-91	8.0	PVC	130.0	32	0.21
251	P-116	4,001	J-91	J-92	8.0	PVC	130.0	32	0.21
252	P-117	565	J-92	J-61	8.0	PVC	130.0	-3	0.02
255	P-119	1,762	J-93	J-26	8.0	PVC	130.0	18	0.12
256	P-120	3,256	J-93	J-27	8.0	PVC	130.0	17	0.11
258	P-121	482	J-93	J-94	8.0	PVC	130.0	0	0.00
260	P-122	734	J-94	J-95	8.0	PVC	130.0	0	0.00
262	P-123	10,289	J-94	J-96	8.0	PVC	130.0	0	0.00
264	P-124	4,515	J-35	J-97	8.0	PVC	130.0	-2	0.01
266	P-125	5,055	J-97	J-98	8.0	PVC	130.0	0	0.00
268	P-126	7,541	J-97	J-99	8.0	PVC	130.0	-2	0.01
270	P-127	2,547	J-99	J-100	8.0	PVC	130.0	-2	0.01
271	P-128	7,828	J-34	J-100	8.0	PVC	130.0	-2	0.01
275	P-130	3,317	J-99	J-102	8.0	PVC	130.0	0	0.00
277	P-131	3,890	J-100	J-103	8.0	PVC	130.0	-4	0.03
279	P-132	863	J-103	J-104	8.0	PVC	130.0	0	0.00
282	P-133	493	J-31	J-106	8.0	PVC	130.0	1	0.00
283	P-134	9,076	J-106	J-103	8.0	PVC	130.0	4	0.03
285	P-135	5,302	J-28	J-107	8.0	PVC	130.0	4	0.02
287	P-136	360	J-107	J-108	8.0	PVC	130.0	0	0.00
289	P-137	3,277	J-107	J-109	8.0	PVC	130.0	4	0.02
291	P-138	5,629	J-109	J-110	8.0	PVC	130.0	0	0.00
293	P-139	3,473	J-109	J-111	8.0	PVC	130.0	4	0.02
295	P-140	962	J-111	J-112	8.0	PVC	130.0	2	0.01
297	P-141	3,429	J-112	J-113	8.0	PVC	130.0	0	0.00
299	P-142	2,779	J-111	J-114	8.0	PVC	130.0	0	0.00
301	P-143	2,742	J-114	J-115	8.0	PVC	130.0	0	0.00
303	P-144	6,409	J-106	J-116	8.0	PVC	130.0	-4	0.02
304	P-145	3,420	J-116	J-111	8.0	PVC	130.0	-2	0.01
306	P-146	2,933	J-116	J-117	8.0	PVC	130.0	-2	0.01
308	P-147	3,417	J-117	J-118	8.0	PVC	130.0	0	0.00
309	P-148	2,729	J-117	J-112	8.0	PVC	130.0	-2	0.01
311	P-118 (1)	3,476	J-92	PRV-5	8.0	PVC	130.0	35	0.22
312	P-118 (2)	616	PRV-5	J-93	8.0	PVC	130.0	35	0.22



FlexTable: Junction Table

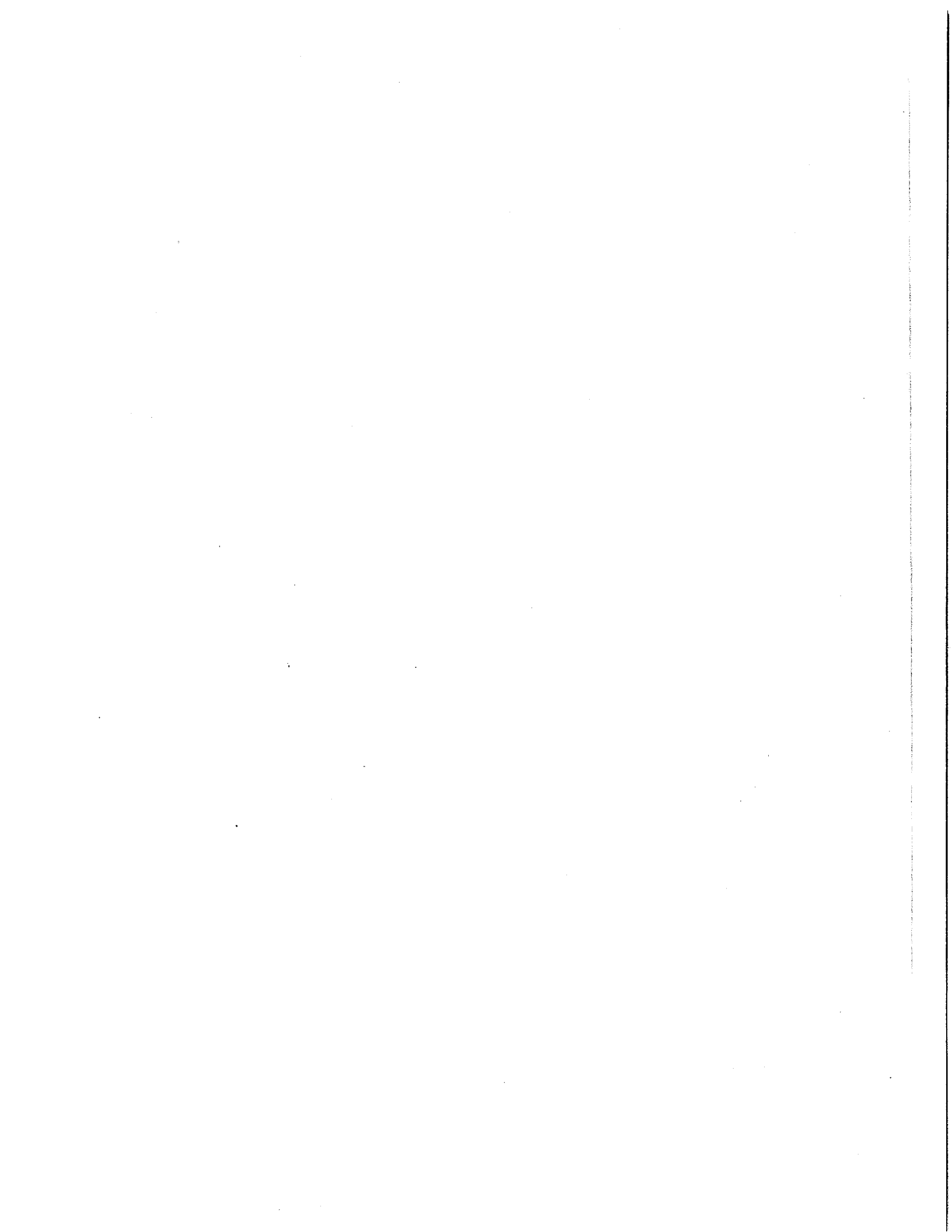
Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Zone
J-118	659.00	0	822.01	71	827	20	822 PRV
J-117	663.00	0	822.01	69	1,035	20	822 PRV
J-116	627.00	0	822.01	84	1,127	34	822 PRV
J-115	633.00	0	822.01	82	852	20	822 PRV
J-114	641.00	0	822.01	78	968	20	822 PRV
J-113	656.00	0	822.01	72	854	20	822 PRV
J-112	635.00	0	822.01	81	1,098	29	822 PRV
J-111	650.00	0	822.01	74	1,128	23	822 PRV
J-110	607.00	0	822.01	93	927	20	822 PRV
J-109	601.00	0	822.01	96	1,229	36	822 PRV
J-108	0.00	0	822.01	356	1,342	286	822 PRV
J-107	622.00	0	822.01	87	1,342	21	822 PRV
J-106	641.00	0	822.00	78	1,363	27	822 PRV
J-104	651.00	0	821.99	74	1,026	20	822 PRV
J-103	646.00	0	821.99	76	1,104	22	822 PRV
J-102	663.00	0	821.99	69	792	20	822 PRV
J-100	667.00	0	821.99	67	1,044	21	822 PRV
J-99	672.00	0	821.99	65	948	20	822 PRV
J-98	666.00	0	821.99	67	692	20	822 PRV
J-97	676.00	0	821.99	63	873	20	822 PRV
J-96	698.00	0	822.05	54	907	20	822 PRV
J-95	624.00	0	822.05	86	1,509	40	822 PRV
J-94	618.00	0	822.05	88	1,508	55	822 PRV
J-93	617.00	0	822.05	89	1,698	55	822 PRV
J-92	653.00	0	877.59	97	1,353	20	880 PRV
J-91	668.00	0	877.72	91	1,245	20	880 PRV
J-90	676.00	0	877.77	87	926	20	880 PRV
J-89	662.00	0	877.77	93	1,213	26	880 PRV
J-88	670.00	0	877.89	90	1,021	20	880 PRV
J-87	702.00	0	877.89	76	1,118	20	880 PRV
J-86	702.00	0	877.89	76	1,166	20	880 PRV
J-85	715.00	0	878.38	71	613	20	880 PRV
J-84	703.00	0	878.38	76	635	25	880 PRV
J-83	715.00	0	878.38	71	635	24	880 PRV
J-82	734.00	0	878.38	62	635	20	880 PRV
J-81	746.00	0	878.38	57	650	20	880 PRV
J-80	752.00	0	878.38	55	678	20	880 PRV
J-79	732.00	0	878.18	63	766	20	880 PRV
J-78	718.00	0	878.18	69	776	20	880 PRV
J-77	680.00	5	821.99	61	1,097	20	822 PRV
J-76	702.00	5	878.28	76	1,594	20	880 PRV
J-75	702.00	5	878.22	76	1,877	20	880 PRV
J-74	698.00	5	878.21	78	1,919	20	880 PRV
J-73	692.00	5	878.21	81	1,350	20	880 PRV
J-72	692.00	5	878.21	81	1,613	20	880 PRV
J-71	703.00	5	878.24	76	1,129	20	880 PRV
J-70	702.00	5	878.24	76	1,173	25	880 PRV

FlexTable: Junction Table

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Zone
J-69	716.00	5	878.33	70	928	20	880 PRV
J-68	702.00	5	878.33	76	968	37	880 PRV
J-67	757.00	5	878.54	53	712	20	880 PRV
J-66	752.00	5	878.38	55	699	20	880 PRV
J-65	713.00	5	878.39	72	929	37	880 PRV
J-64	714.00	5	878.55	71	985	39	880 PRV
J-63	705.00	3	878.18	75	1,026	32	880 PRV
J-62	707.00	3	877.92	74	1,172	20	880 PRV
J-61	655.00	3	877.59	96	1,355	20	880 PRV
J-60	621.00	3	877.59	111	1,462	30	880 PRV
J-59	702.00	3	878.01	76	1,174	20	880 PRV
J-58	706.00	3	878.01	74	1,383	20	880 PRV
J-57	698.00	3	878.07	78	1,225	25	880 PRV
J-56	701.00	3	878.18	77	1,074	33	880 PRV
J-55	684.00	3	878.41	84	1,608	38	880 PRV
J-54	676.00	0	821.99	63	2,671	20	822 PRV
J-53	594.00	2	821.99	99	1,554	21	822 PRV
J-52	596.00	2	821.99	98	1,257	20	822 PRV
J-51	612.00	2	822.00	91	2,555	27	822 PRV
J-50	609.00	2	821.99	92	2,103	20	822 PRV
J-49	669.00	2	821.99	66	1,141	20	822 PRV
J-48	627.00	2	821.99	84	1,098	20	822 PRV
J-47	630.00	2	821.99	83	1,775	37	822 PRV
J-46	677.00	2	821.99	63	1,269	21	822 PRV
J-45	681.00	2	821.99	61	2,542	20	822 PRV
J-44	685.00	2	821.99	59	2,474	20	822 PRV
J-43	681.00	2	821.99	61	2,501	21	822 PRV
J-42	641.00	2	822.00	78	2,446	37	822 PRV
J-41	617.00	2	822.01	89	2,537	48	822 PRV
J-40	614.00	2	822.00	90	2,141	20	822 PRV
J-39	612.00	2	822.00	91	2,537	23	822 PRV
J-38	626.00	2	822.02	85	2,434	44	822 PRV
J-37	617.00	2	822.02	89	2,465	52	822 PRV
J-36	673.00	2	821.99	64	651	20	822 PRV
J-35	646.00	2	821.99	76	936	32	822 PRV
J-34	648.00	2	821.99	75	1,104	29	822 PRV
J-33	640.00	2	821.99	79	1,106	31	822 PRV
J-32	639.00	2	821.99	79	1,106	34	822 PRV
J-31	640.00	2	822.00	79	1,368	28	822 PRV
J-30	631.00	2	821.99	83	1,150	37	822 PRV
J-29	634.00	2	822.00	81	1,381	38	822 PRV
J-28	635.00	2	822.01	81	1,619	23	822 PRV
J-27	642.00	2	822.01	78	1,650	35	822 PRV
J-26	614.00	2	822.03	90	1,826	49	822 PRV
J-25	607.00	2	822.02	93	1,880	56	822 PRV
J-24	609.00	2	822.02	92	2,178	55	822 PRV
J-23	620.00	2	822.02	87	2,388	52	822 PRV

FlexTable: Junction Table

Label	Elevation (ft)	Demand (gpm)	Hydraulic Grade (ft)	Pressure (psi)	Fire Flow (Available) (gpm)	Pressure (Calculated Residual) (psi)	Zone
J-22	621.00	2	822.02	87	2,430	48	822 PRV
J-21	623.00	2	822.03	86	2,434	49	822 PRV
J-20	622.00	2	822.02	87	2,434	50	822 PRV
J-19	621.00	2	822.02	87	2,435	51	822 PRV
J-18	623.00	2	822.02	86	2,412	51	822 PRV
J-16	616.00	2	822.02	89	2,457	53	822 PRV
J-15	616.00	2	822.02	89	2,451	54	822 PRV
J-14	616.00	2	822.02	89	2,439	54	822 PRV
J-13	640.00	2	822.02	79	2,519	35	822 PRV
J-12	698.00	2	878.20	78	1,793	20	880 PRV
J-11	649.00	2	878.05	99	1,605	46	880 PRV
J-10	649.00	2	878.18	99	2,137	32	880 PRV
J-9	667.00	2	878.41	91	2,247	27	880 PRV
J-8	673.00	2	878.87	89	2,629	38	880 PRV
J-7	669.00	2	878.64	91	1,892	43	880 PRV
J-6	678.00	2	878.89	87	2,581	41	880 PRV
J-5	698.00	2	879.06	78	2,627	44	880 PRV
J-4	721.00	2	878.76	68	1,179	34	880 PRV
J-3	691.00	2	879.08	81	2,616	48	880 PRV
J-2	685.00	2	879.23	84	2,876	51	880 PRV
J-1	751.00	2	879.89	56	3,500	48	880 PRV

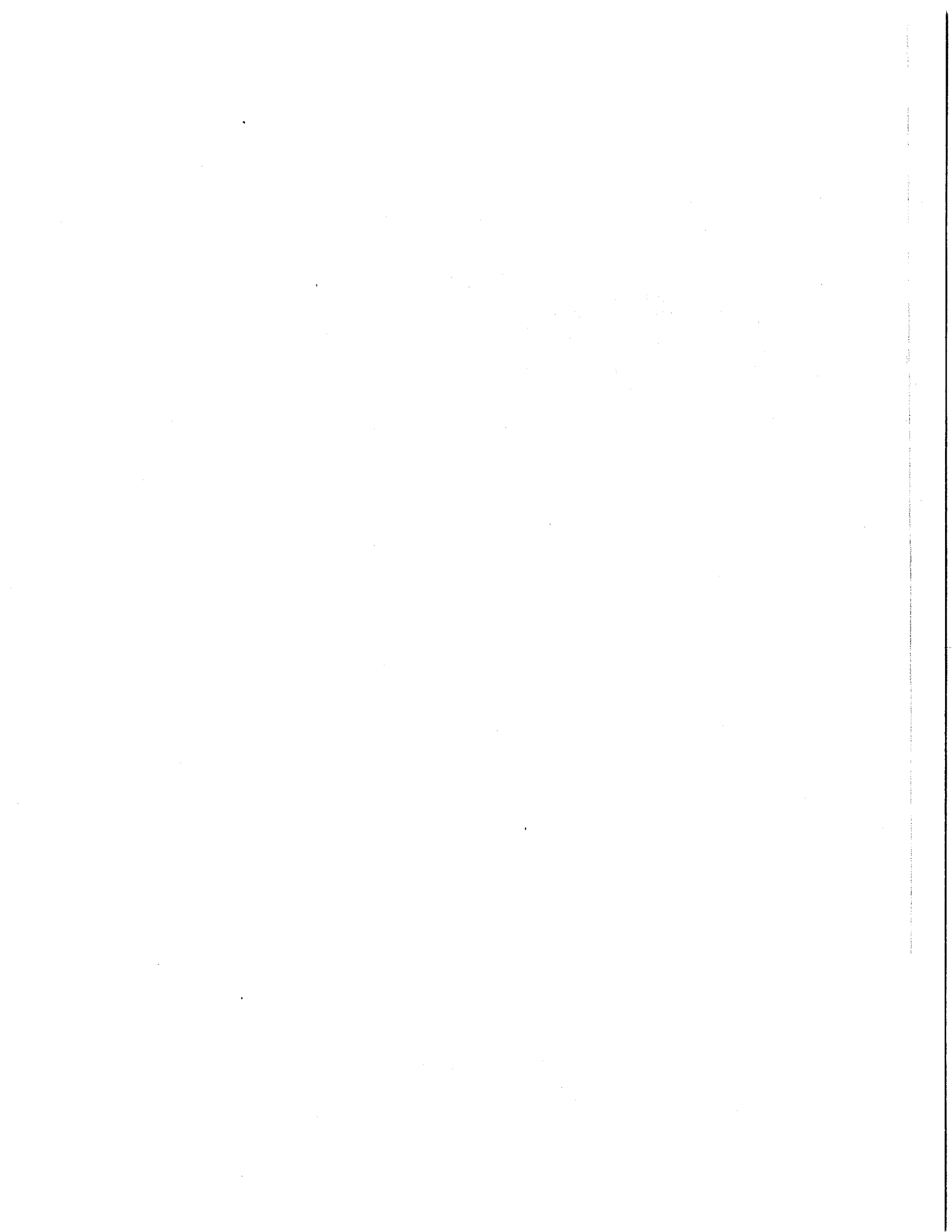


FlexTable: Reservoir Table

ID	Label	Elevation (ft)	Zone	Flow (Out net) (gpm)	Hydraulic Grade (ft)
149	R-1	748.33	<None>	232	748.33
160	R-2	683.71	<None>	0	683.71

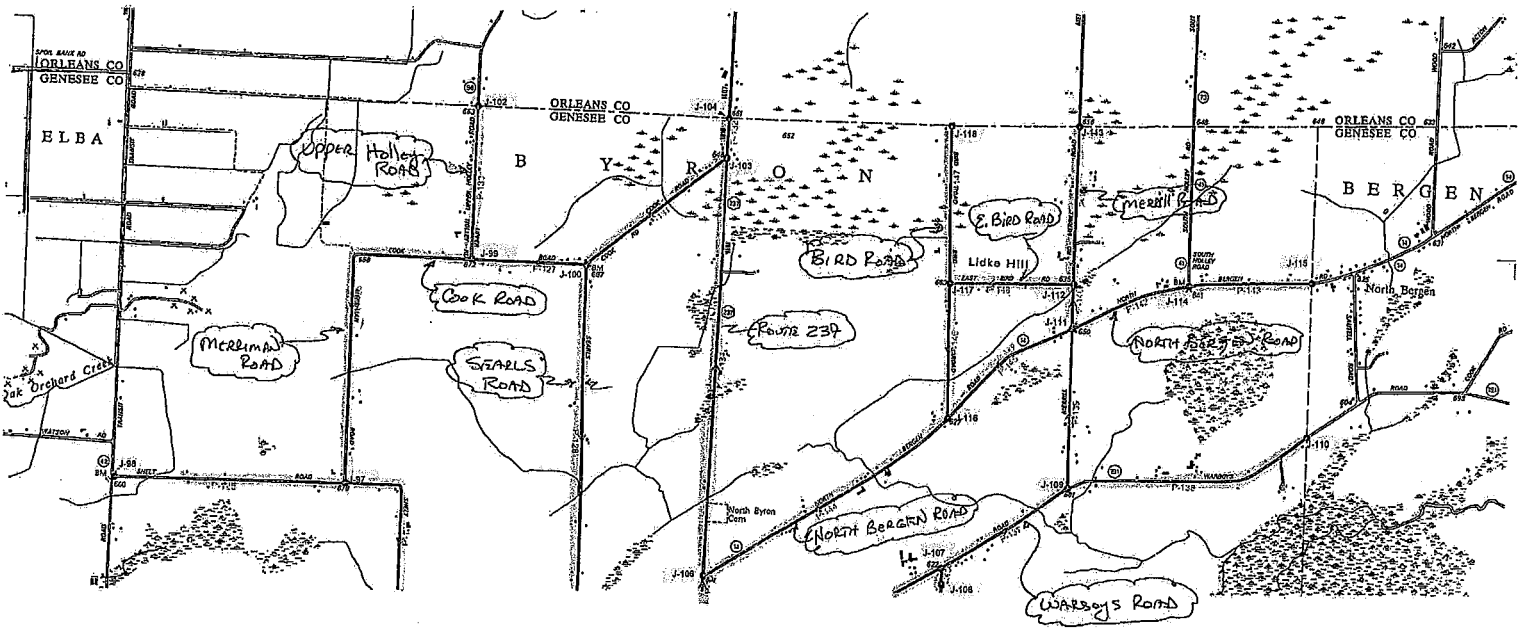
FlexTable: Pump Table

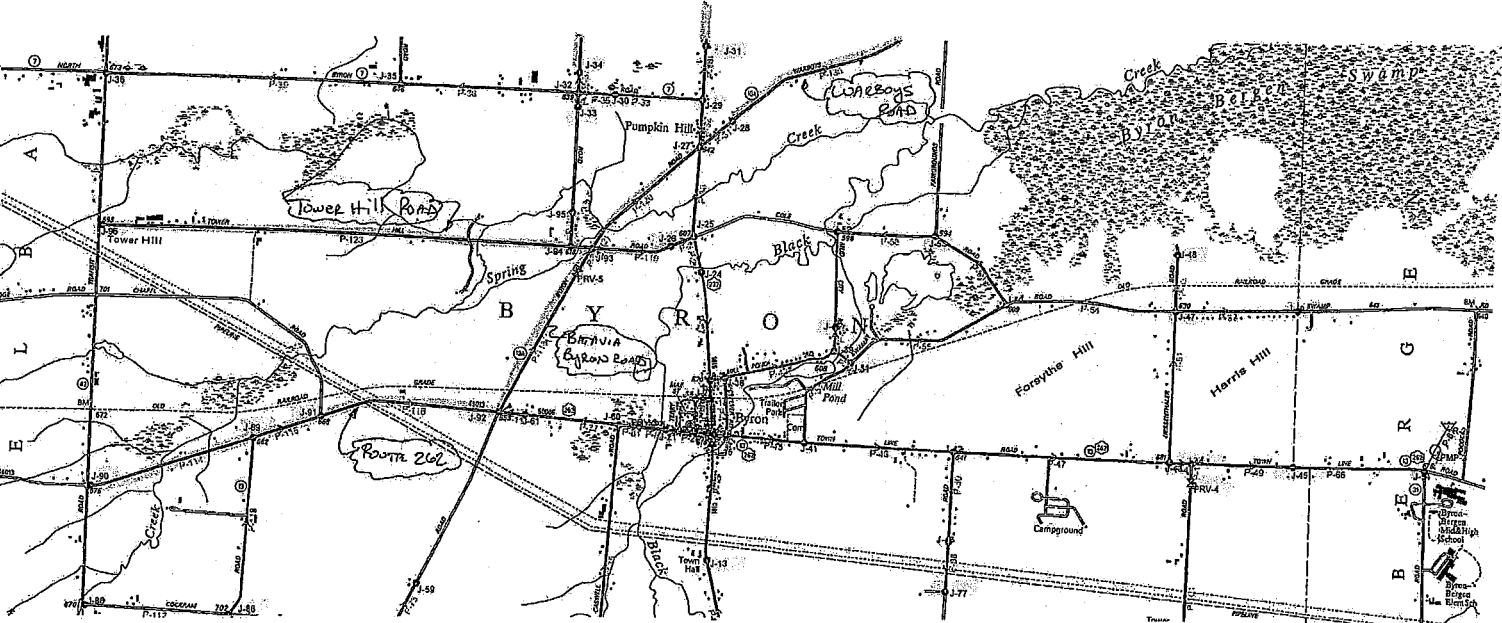
ID	Label	Elevation (ft)	Pump Definition	Status (Initial)	Hydraulic Grade (Suction) (ft)
148	PMP-1	748.33	Route 237 @ Byron & Stafford TL	On	748.33
159	PMP-2	683.71	Route 262 @ W Bergen Rd	On	683.71
Hydraulic Grade (Discharge) (ft)	Flow (Total) (gpm)	Pump Head (ft)			
879.89	232	131.56			
821.99	0	0.00			



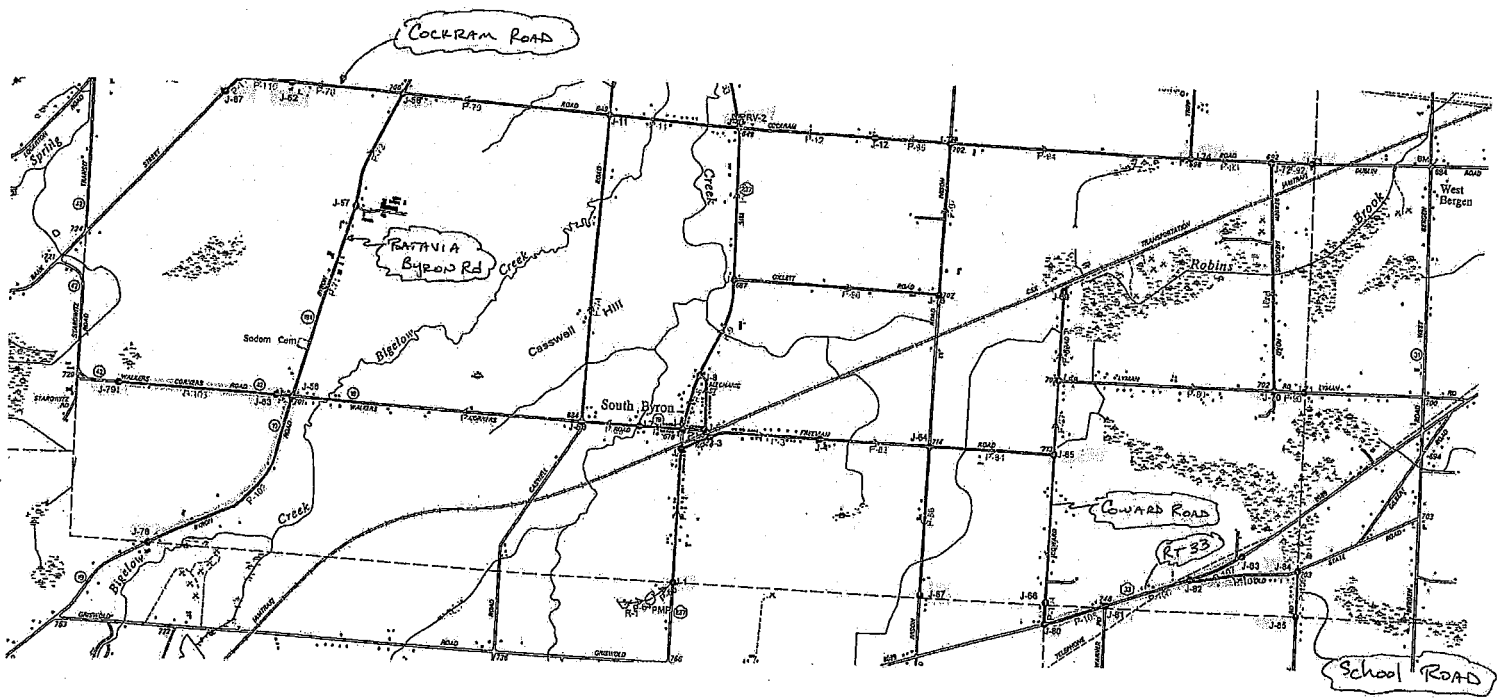
FlexTable: PRV Table

ID	Label	Elevation (ft)	Diameter (Valve) (in)	Minor Loss Coefficient (Local)	Hydraulic Grade Setting (Initial) (ft)
145	PRV-2	648.25	6.0	0.000	822.00
185	PRV-3	621.76	6.0	0.000	822.00
219	PRV-4	693.00	6.0	0.000	822.00
310	PRV-5	632.00	6.0	0.000	822.00
Pressure Setting (Initial) (psi)	Flow (gpm)	Hydraulic Grade (From) (ft)	Hydraulic Grade (To) (ft)	Headloss (ft)	
75	20	878.18	822.06	56.12	
87	49	877.56	822.07	55.49	
56	0	821.99	878.21	0.00	
82	35	877.46	822.07	55.39	





N



APPENDIX G

PROJECT BUDGET (FORM E)

FORM E

RURAL DEVELOPMENT (RD) PROJECT BUDGET/COST CERTIFICATION

Project Name: Town of Byron WIBA No. 1

Date: 10/02/19

Report No.:
Actual:
Estimate:
Preliminary

Funding Source(s)	Amount	
RD Loan	\$5,486,000.00	
RD Loan		
RD Grant	\$4,489,000.00	Anticipated
RD Grant		
SUB TOTAL:	\$9,975,000.00	

Other Funding Source(s)	Amount
Other Source:	
Other Source:	
Other Source:	
SUBTOTAL:	\$0.00
TOTAL:	\$9,975,000.00

ITEM	APPROVED BUDGET	MODIFIED BUDGET	PREVIOUS EXPENDITURES	EXPENDITURES THIS PERIOD	EXPENDITURES TO DATE	BALANCE REMAINING
A. ADMINISTRATIVE						
1. Legal	\$80,500.00					
2. Bonding	\$80,500.00					
3. Net Interest	\$140,000.00					
4. Fiscal Coordination	\$44,000.00					
5. Project Management	\$53,900.00					
6. Lands & Rights of Way	\$8,500.00					
7. Single Audit	\$25,000.00					
8. Miscellaneous	\$11,427.00					
Total A. Administrative	\$443,827.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
B. TECHNICAL SVCS.						
1. Engineering						
a. Study and Report Phase	\$11,175.00					
b. Preliminary Design Phase	\$270,000.00					
c. Final Design Phase	\$265,000.00					
d. Bidding and Negotiation Phase	\$30,000.00					
e. Construction Phase	\$130,000.00					
f. Post Construction Phase	\$10,000.00					
g. Resident Project Representative	\$275,000.00					
h. Additional Services	\$35,970.00					
2. SEQR/NEPA Compliance	\$7,500.00					
Total B. Technical Svcs.	\$1,034,645.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C. CONSTRUCTION						
1. Construction Contracts						
a. Contract 1	\$7,388,285.00					
b. Contract 2						
c. Contract 3						
d. Contract 4						
e. Contract 5						
2. Direct Expenditures						
a.						
b.						
c.						
Total C. Construction	\$7,388,285.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
D. CONTINGENCY						
1. Contingency	\$1,108,243.00					
Total D. Contingency	\$1,108,243.00					\$0.00
TOTAL PROJECT COST	\$9,975,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

I certify to the best of my knowledge and belief that the billed costs or disbursements are in accordance with the terms of the project and that the reimbursement represents the Federal share due, which has not been previously requested and that an inspection has been performed and all work is in accordance with the terms of the award.

Applicant _____ Title _____

Engineer/ Architect _____

Reviewed By _____ Date Reviewed _____