

New York State Department of Environmental Conservation
 Division of Water, Bureau of Water Resources Management
 625 Broadway, Albany, NY 12233-3508

2020

Water Withdrawal Reporting Form

Due by March 31st each year

Prior to filling out this form, please read the instructions on the last page

This form not for Agricultural Facilities

Section 1

Facility Name <i>Village of Fair Haven</i>		Facility Street Address <i>14523 Cayuga St.</i>			Reporting Year <i>2020</i>	
City <i>Fair Haven</i>		Zip <i>13064</i>	Town <i>Sterling</i>	County <i>Cayuga</i>		
Contact Name <i>Roger Granatiero</i>		Email <i>fairhavenwater@gmail.com</i>		Telephone <i>315-947-5112</i>		
Source Name <i>Well 1</i>	Source Type <i>UW</i>	Well Depth <i>50'</i>	Max Rate <i>500</i>	Units <i>GPM</i>		
Source Name <i>Well 2</i>	Source Type <i>UW</i>	Well Depth <i>50'</i>	Max Rate <i>250</i>	Units <i>GPM</i>		
Source Name	Source Type	Well Depth	Max Rate	Units		
Source Name	Source Type	Well Depth	Max Rate	Units		
Source Name	Source Type	Well Depth	Max Rate	Units		
Source Name	Source Type	Well Depth	Max Rate	Units		
Source Name	Source Type	Well Depth	Max Rate	Units		
Average Day Withdrawal:		Maximum Day Withdrawal:		Permitted Withdrawal or Max System Capacity <i>750,000 GPD</i>		
Submitted by: <i>Carrie Bolton</i>		Title: <i>DPW - Water Operat.</i>		Date: <i>2-24-21</i>		

Water Withdrawal Category (Check one)

- Agricultural
- Bottled / Bulk Water
- Commercial
- Environmental
- Industrial
- Institutional
- Mine Dewatering
- Oil / Gas Production
- Power Production:
 - Fossil Fuel
 - Nuclear
 - Other Pwr:
- Public Water Supply
- Recreation:
 - Golf Course
 - Snow Making
 - Other Rec:
- Other:

Reset Entire Form

Print Form

Submit by Email
 If you do not receive a confirmation email within 10 minutes, please contact awqrsdec@gw.dec.state.ny.us

Permittees must record any sales to outside water systems or facilities on an additional form. Click this box for the form.

Section 2

Calculation Method: M = Metered readings W = Flow through a weir or flume P = Flow through a pipe or pump run times E = Estimated
 C = Pump curve calculation

Units: <i>Must be in gallons per month</i>	January	February	March	April	May	June
Withdrawn	3,822,000	3,491,000	4,143,000	3,885,000	4,773,000	6,654,000
Transferred / Imported						
Consumed						
Returned						
Diversions In / Out, if any						
Units: <i>Must be in gallons per month</i>	July	August	September	October	November	December
Withdrawn	8,456,000	7,653,000	6,554,000	5,672,000	4,548,000	4,605,000
Transferred / Imported						
Consumed						
Returned						
Diversions In / Out, if any						

Describe location of returned water

Section 4

Water Conservation and Efficiencies

All permitted water withdrawal systems must have a Water Conservation Program.

Section A: Public Water Supply Facilities

Are all sources of supply including major interconnections equipped with master meters? Yes No
What percentage of your system is metered? 100 % Average age of meters: 10 yrs. Range of age of meters:
How often were customer meters read this past year (e.g. quarterly yearly)?
Number of water service connections: Total population served: 1,000
How many customer meters were recalibrated and/or replaced in the past year? 5%
Miles of pipe in water distribution system: 15 Length of pipe replaced in the past year: 0%
Miles of pipe on which leak detection was performed using sonic listening equipment: Type of equipment used:
How many system-wide water audits were performed in the past year? 0 Residential charge per 1000 gallons of water: \$
What percentage of the water withdrawn was not billed to customers? % Lost to distribution system leakage? %
Was information about household water saving devices and ways to reduce water use distributed to residential customers? Yes No
Was water conservation information about promoting recycling and reuse distributed to industrial and commercial customers? Yes No
Do you have lawn sprinkling time restrictions (e.g. odd/even days) during periods of peak demand? Yes No
Do you have a plan that takes progressive steps to further reduce outdoor water use during drought conditions with an ordinance or procedure to assure compliance? Yes No If yes, please forward a copy to address shown on page one.
Please review your permit(s) for any specific water conservation conditions and report below on progress made in past year:

Section B: Non-Public Water Supply Facilities (see permitting schedule in NYCRR Part 601.7)

Are all sources of supply including major interconnections equipped with master meters? Yes No
How often were master meters read in the past year?
How often were master meters calibrated in the past year?
Are there secondary meters located within the facility or system? Yes No

Identify other water conservation and efficiency measures currently used in your system (e.g. Best Management Practices such as recycling process and cooling waters, use of drip irrigation and moisture probes, utilizing storm water runoff and reclaimed wastewater or conducting facility water audits):

- 6. Bulk water
 - A Dudley Water 626-6519

B. Power Failure

- 1. Stationary V8LP fired 3 phase 80kw generator with auto transfer switch, which can run anyone of the three pumps in case of power outage. Also in Pump Station #1 there is a V4LP fired engine with Johnson right angle drive.
- 2. RG&E is power supplier.....1-888-253-8888
- 3. Call Cayuga County Health Dept. 253-1405
- 4. A Boil Water Order will be implemented if there is any disruption of chlorination or a loss of pressure of 4 hours or more. Notification of residents will be made through television, radio and local fire depart. Refer to III-5.

C. Contamination of Source (Floods, Chemical spills, etc.)

- 1. Will notify Cayuga County Health Dept. 253-1405
- 2. Discontinue source use or when advisable issue Boil Water Order.
- 3. Provide notification to residents as outlined in III-5
- 4. Back-up water supply
 - a. Dudley Water 626-6519

IV. Water Conservation Measures

- 1. Notification to consumers of water conservation – will use local fire dept. and make posting around village.
- 2. Will ask residents to refrain from car washing, lawn watering, pool filling and any unnecessary use of water.
- 3. Large users of water will be notified or shut off.
 - a. Fair Haven Beach State Park Office947-5205
Shop 947-5877
 - b. Bay Side Marina947-5773
 - c. Fair Point Marina..... 947-6111

Water Withdrawal Reporting Form

Section 5 - Outside Sales to Other Water Systems or Facilities

Permittees must record any sales occurring outside of their water service area or facility and include the information requested below. If this does not apply to your facility, please proceed to the next section.

	PURCHASER NAME	FACILITY TYPE	TYPE OF SALE	CONTRACTED AMOUNT (gallons per day)	WATER SOLD IN YEAR (gallons per year)	AVE AMOUNT (gallons per day)	MAX. AMOUNT (gallons per day)
1	Wayne County Water + Sewer	PWS			24,659,000	67,558	70,044
2	Wayne County Water + Sewer	PWS			2,200	60	60
3	Town of Sterling District 3	PWS			1,158,000	3,172	3,172

Facility Type: PWS=public water supply; IND=Industrial; COM=Commercial; INS=Institutional; O/G=oil or gas; REC=Recreational; BOT=Bottled or bulk
 Type of Sale: C=Continuous; I=Intermittent; E=Emergency

To calculate Average Amount, divide total water (gallons) used in year by number of days of purchase. Total is in gallons per day.

Maximum Amount is the one day greatest use in the year of record, shown in gallons per day

03/02/2021

11:27:30

VILLAGE OF FAIR HAVEN

Meter Reading

Account #: C0350 Status: Active Dial Size: 8

User: CAYUGA COUNTY WATER & Meter Type: M

Service Location: INGERSOLL DR Meas.: G

Date	Metered	Consumed	Estimated
05/31/2020	5952000	148000	[]
08/31/2020	6162000	210000	[]
11/30/2020	6241000	79000	[]
02/28/2021	6304000	63000	[]
05/31/2021	0	0	[]

24659,000 500,000

2 Wayne County 2000 metered

Account	Date	Reading	Consumption	Estimate
	05/31/2008	4,026,000	124,000	N
	08/31/2008	4,303,000	277,000	N
	11/30/2008	4,431,000	128,000	N
	02/28/2009	4,527,000	96,000	N
	05/31/2009	4,630,000	103,000	N
	08/31/2009	4,916,000	286,000	N
	11/30/2009	5,046,000	130,000	N
	02/28/2010	5,340,000	294,000	N
	05/31/2010	5,467,000	127,000	N
	08/31/2010	5,716,000	249,000	N
	11/30/2010	5,852,000	136,000	N
	02/28/2011	5,913,000	61,000	N
	05/31/2011	6,027,000	114,000	N
	08/31/2011	6,186,000	159,000	N
	11/30/2011	6,247,000	61,000	N
	02/29/2012	6,290,000	43,000	N
	05/31/2012	6,384,250	94,250	Y
	08/31/2012	6,695,000	310,750	N
	11/30/2012	6,822,250	127,250	Y
	02/28/2013	7,229,710	407,460	N
	08/31/2013	602,020	261,020	N
	10/31/2013	799,700	197,680	N
	02/28/2014	1,043,490	243,790	Y
	05/31/2014	1,043,490	0	N
	08/31/2014	1,271,050	227,560	N
	11/30/2014	1,474,000	202,950	N
	02/28/2015	1,696,000	222,000	N
	05/31/2015	2,016,000	320,000	N
	08/31/2015	2,351,000	335,000	N
	11/30/2015	2,586,000	235,000	N

Account	Date	Reading	Consumption	Estimate
	02/29/2016	2,685,000	99,000	N
	05/31/2016	2,793,000	108,000	N
	08/31/2016	3,140,000	347,000	N
	11/30/2016	3,294,000	154,000	N
	02/28/2017	3,405,000	111,000	N
	05/31/2017	3,577,000	172,000	N
	08/31/2017	3,953,000	376,000	N
	11/30/2017	4,170,000	217,000	N
	02/28/2018	4,265,000	95,000	N
	05/31/2018	4,386,000	121,000	N
	08/31/2018	4,749,000	363,000	N
	11/30/2018	4,983,000	234,000	N
	02/28/2019	5,137,000	154,000	N
	05/31/2019	5,253,000	116,000	N
	08/31/2019	5,535,000	282,000	N
	11/30/2019	5,701,000	166,000	N
	02/29/2020	5,804,000	103,000	N

Section 5

Instructions/Definitions

Agricultural Purpose	The practice of farming for crops, plants, vines and trees, and the keeping, grazing or feeding of livestock, for sale of livestock or livestock products. Agricultural facilities must use the form titled "Registration and Water Withdrawal Reporting Form for Agricultural Facilities".
Public Water Supply	Supply water to the public. Examples include: municipality, hotel, apartment, restaurant, church, campground, etc.
Source Name	Name of well or surface water body (e.g., Well No. 1, Alcove Reservoir, etc.). List all sources including unused or back-up wells.
Source Type	S = Stream or River. L = Pond or Lake. R = Reservoir. BW = Bedrock Well. UW = Unconsolidated Well (e.g., sand and gravel). SP = Spring. P = Purchased. Use drop down menu.
Well Depth	Total depth in feet below ground surface. Leave blank for surface sources.
Max Rate	Maximum potential withdrawal rate of the water source. Will be equal to or greater than Permitted Rate.
Units (Max Rate)	Gallons per minute (gpm), gallons per day (gpd), or million gallons per day (mgd). Use drop down menu.
Average Day Withdrawal	Total amount withdrawn during reporting year divided by total days withdrawn.
Maximum Day Withdrawal	Largest single day withdrawal rate of the source during the reporting year.
Permitted Rate/Max sys capacity	If unknown, contact NYSDEC at awqrsdec@gw.dec.state.ny.us or 518-402-8182. Maximum system capacity is the sum of all sources simultaneously pumping at full rate.
Calculation Method	M = metered readings. W = flow through a weir or flume. P = flow through a pump or pump run time. E = estimated. <small>C= pump curve calculation</small>
Withdrawn	Amount of water removed from all sources. This includes groundwater and/or surface water.
Transferred/Imported	Amount of water brought in from or sent to another facility, includes bulk sales. For transferred water use a negative (-) sign.
Consumed	Amount of water not returned (e.g. water incorporated into a product or lost through evaporation). Public water suppliers must use metered sales to customers. Irrigation is considered "consumed water".
Returned	Amount of water discharged to a water treatment system or discharged back to the environment. Irrigation is not returned water.
Diversions In/Out	Amount of water, if any, diverted from/to another major drainage basin. For Diversions Out, use a negative (-) sign.
Location of Returned Water	State the general area where returned water is discharged. Example: "Hudson River near Poughkeepsie", "Groundwater near Auburn".
Major Drainage Basins	Report only "Major Basin" transfers. Use the internet link available on the form and enter Basin ID into the box indicated (use drop down menu): Describe the location of originating withdrawal and receiving discharge. Be as specific as possible.
Water Audit	A water audit is a thorough examination of the accuracy of water records and system control equipment to determine water system efficiency and to identify, quantify, and verify water and revenue losses. Water audits are beneficial in identifying the amount of unaccounted-for water.

Section 3

General Map Required

Please submit a map showing location of all withdrawals and any points of return flow. Label all points. **A map is not necessary if one was submitted in a previous year and no changes have occurred.** Precise locations will remain confidential.

A paper copy of a USGS map or other high quality map or an electronically generated map can be faxed, mailed, or emailed. For electronic maps a suggested website is described below:

- (1) Go to the USGS National Map site. Type the address of the facility into the search box.
- (2) Zoom in and use any of the map-type choices to best confirm your location.
- (3) Designate water withdrawal locations by clicking on the map to add a marker(s).
- (4) For surface water withdrawals, use the "Topo" tab.
- (5) Add a marker to designate the location of any related dams, weirs, or diversion structures.
- (6) Print. Manually label the name of each marked source.

Submit your map to DEC in one of the following ways:

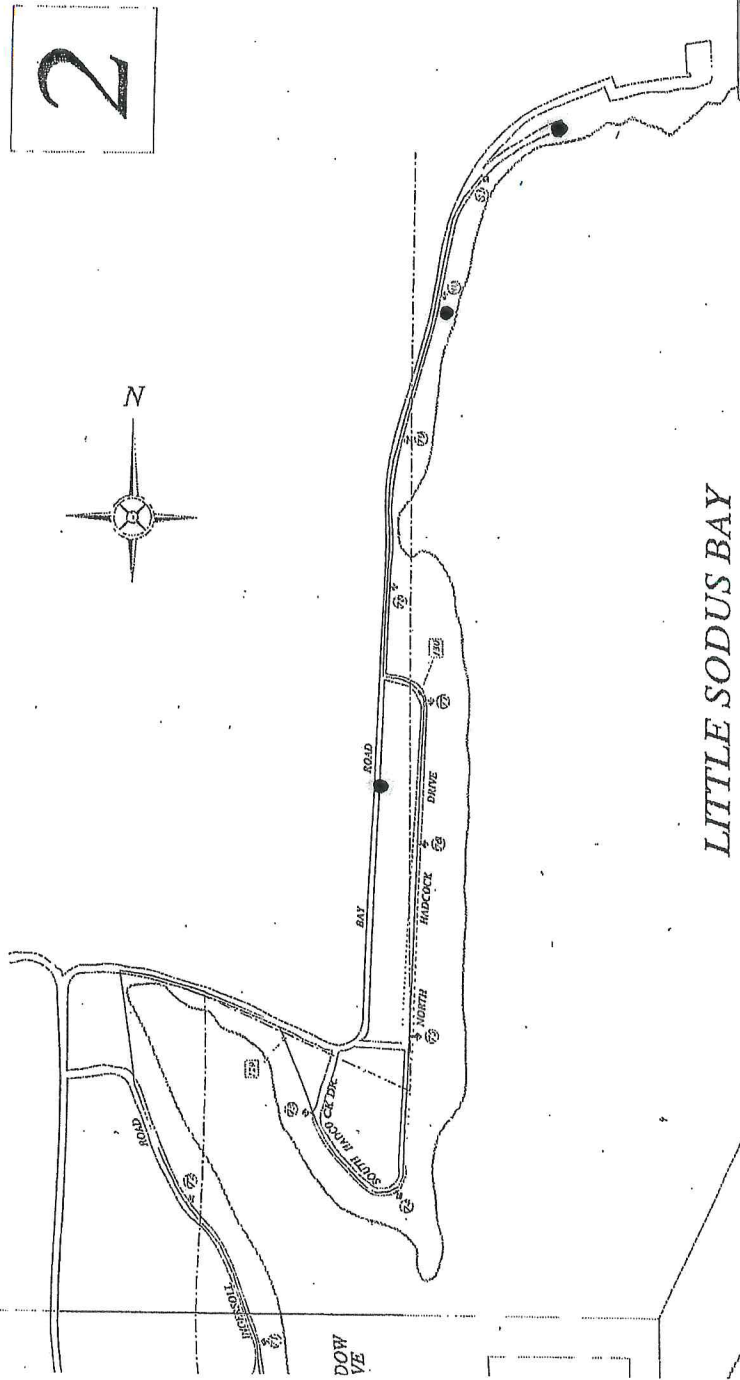
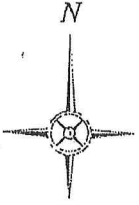
- Print and mail or fax to 518 402-8290.
- Print, scan and email to awqrsdec@gw.dec.state.ny.us
- Copy electronically and email to awqrsdec@gw.dec.state.ny.us

Interbasin Diversions

Fill out this section only if water is being transferred between major drainage basins. To determine basin ID, go to the DEC Major Drainage Basins map (<http://www.dec.ny.gov/lands/56800.html>). Then enter the basin ID by using the drop down menus under Originating and Receiving Major Drainage Basin headings below. Describe the locations of originating and receiving sites in the site description boxes (e.g. Town water intake on Route 12 at northern end of Pleasant Lake to Stony Reservoir near Bear Road).

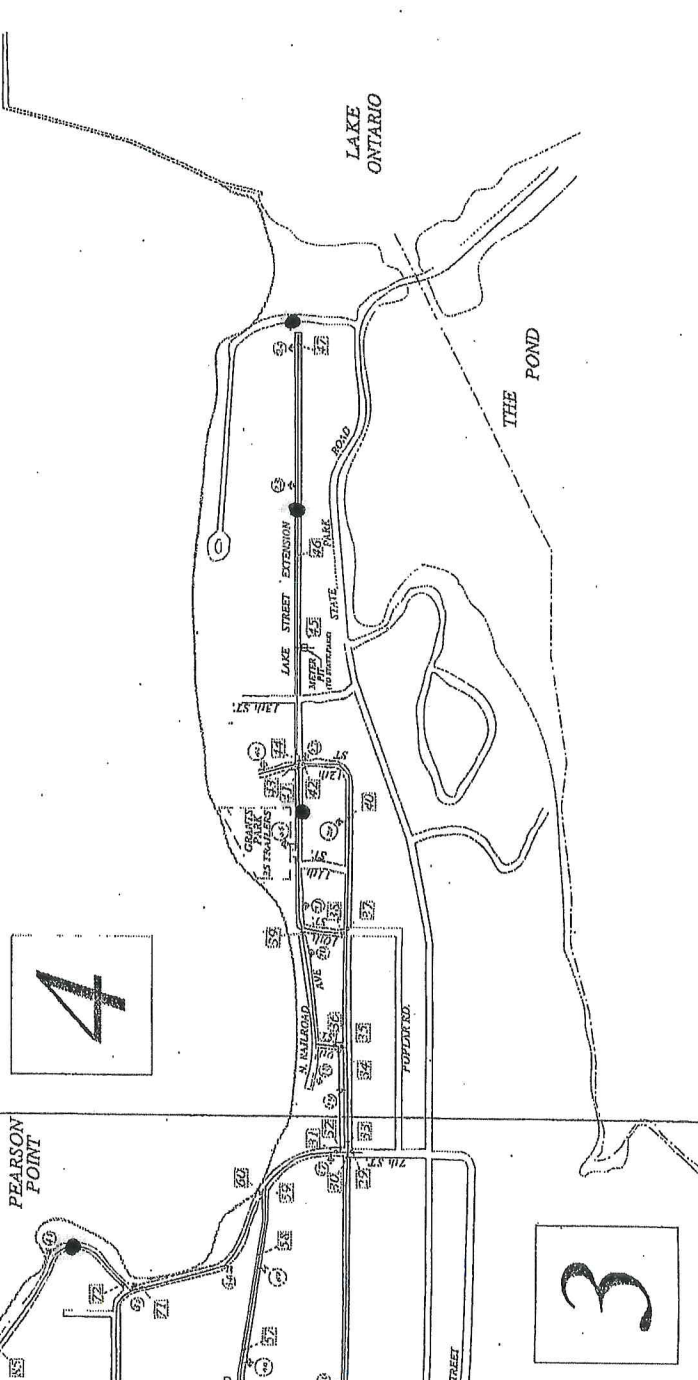
Originating Major Drainage Basin	Receiving Major Drainage Basin
<input type="text"/>	<input type="text"/>
Originating Site Description	Receiving Site Description

2



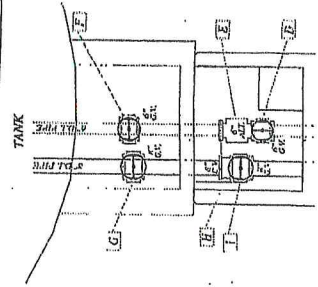
LITTLE SODUS BAY

4

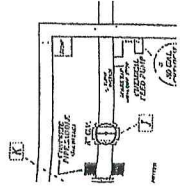


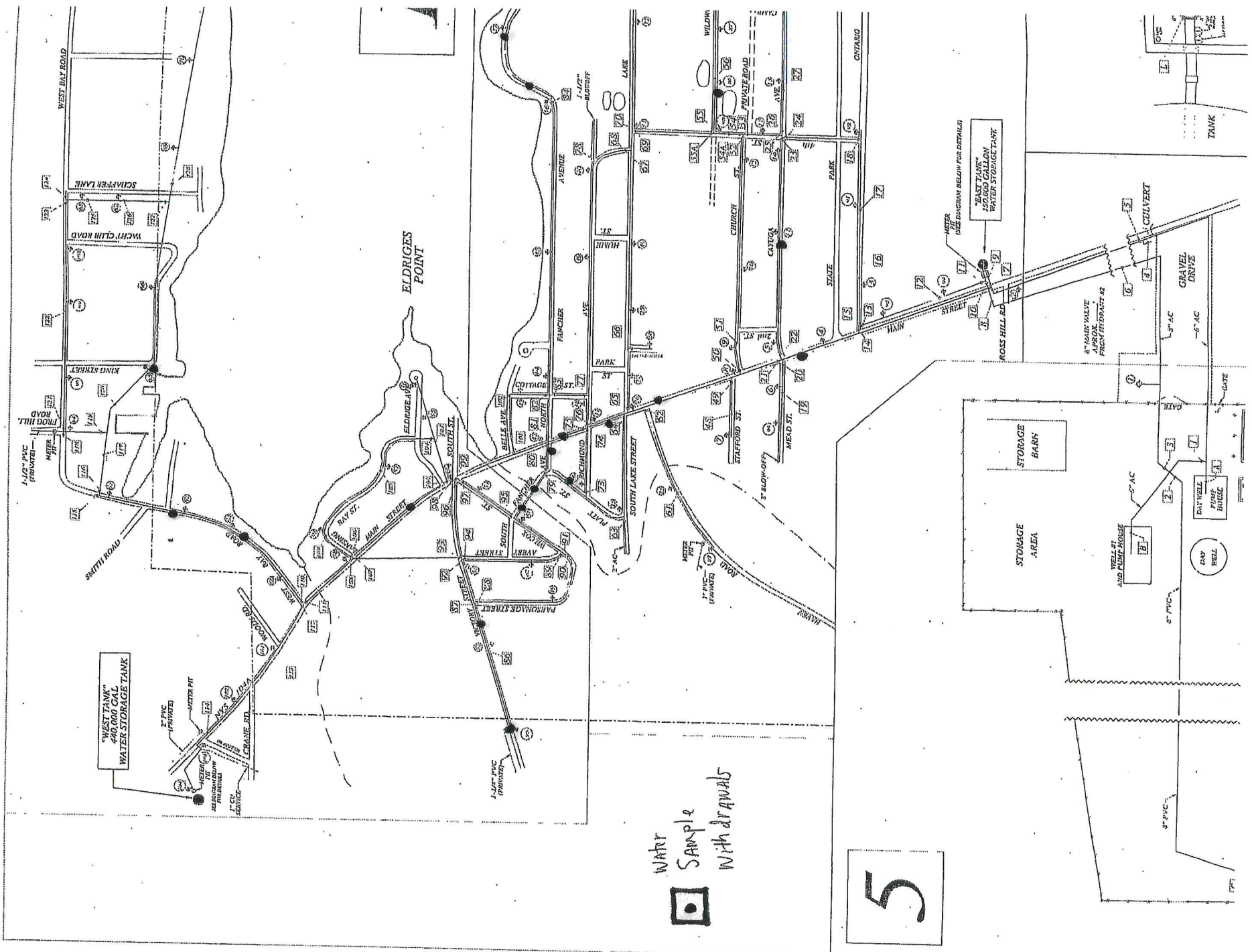
3

PLEASE NOTE: NONE OF THE HYDRANT GUARD VALVES ARE SHOWN ON THIS MAP. REFER TO HYDRANT LOCATION MAPS.



VILLAGE OF FAIR HAVEN WATER SYSTEM BASE MAP FOR WATER VALVE





WATT
 Sample
 with draws

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