

City of Falls City  
City Council Regular Meeting Minutes  
February 9, 2017 7:00 PM  
Meeting Location: 320 N Main Street, Falls City, Oregon 97344

**Council Present:** Mayor Terry Ungricht, Tony Meier, Cliff Lauder, Dennis Sickles, Charlie Flynn

**Staff Present:** JoHanna Birr, City Clerk; Don Poe, Public Works Lead Worker

Mayor Ungricht called the meeting to order at 6:59 pm.

**1) Roll Call**

Clerk Birr took roll call. Lori Jean Sickles and Jennifer Drill had prearranged absences. Dennis Sickles left the meeting at 7:12pm and returned at 7:29pm.

**2) Pledge of Allegiance**

Mayor Ungricht led the pledge.

**3) Motion to adopt the entire Agenda**

A motion was made by Councilor Flynn and seconded by Councilor Meier to adopt the entire agenda. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

**4) Consent Agenda**

Mayor Ungricht distributed Item G; a report titled "Economic Development Report to Council". (Exhibit A) Also handed out were the Library Report (Exhibit B), the Sheriff's Report. (Exhibit C)

A motion was made by Councilor Meier and seconded by Councilor Flynn to adopt the Consent Agenda with the addition of Item G on the Consent Agenda – EDC Report to Council. Motion carried 4-0-0.

Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

**5) Public Comments**

Mike Bowman of Falls City read a hand written letter to Council. In his letter, he stated that he had met with an attorney regarding the proposed change in the way Green Haven RV Park is billed for water usage. His attorney advised him to work toward a solution with the City that is equitable to all parties. Mr. Bowman suggested taking an average for the year of 2016 and adding 30% because it would be simpler and "more straight forward". Mr. Bowman said he would like more time to pursue an agreement without litigation if possible. Mayor Ungricht thanked Mr. Bowman for coming. (Exhibit D)

**6) New Business**

**A. Review of Master Water Plan, HBH Engineering**

Natalie Jennings and Mike Henry of HBH Engineering presented the "Master Water Plan Status Update" to Council giving a brief summary for new Councilors Flynn and Lauder. Handouts were distributed to Council. (Exhibit E)

Their recommendations included performing an intake study at a later date. Items that could be done presently include placing pressure reducer valves at strategic locations to equalize pressures throughout the system and adding a high-pressure line across the Replacing asbestos cement lines, looping lines would ensure water is always fresh in the lines. HBH estimates it will cost \$1.6 million dollars to replace the oldest pipes. The City does not need an additional

reservoir as the present reservoir is not used to capacity. Holding too much water for long periods leads to disinfection and contamination of the water in storage.

During discussion of Rate Impacts, Ms. Jennings noted that this new rate plan would bill all homes equally and that at present, not all the homes in Falls City are. She said some of those present may not be fully privy to the details, but the gentleman who had spoken earlier, (Mike Bowman) was concerned about their water bill going up. Ms. Jennings stated the reason their bill is going up is that they were unfairly billed and, in her opinion, is considerably under billed. This is because they had one base fee for all of those homes [30 spaces] as opposed to everyone else who has to pay their own [individual] base fee for their own [individual] home.

She apologized to Council if her statement was too forward, but stressed it is important that everyone is paying fairly.

Mr. Henry stated \$62.00 per month is the average charge by Oregon communities for water service when funding water projects with funding agency assistance.

The Master Water Plan includes within it a "Water Management and Conservation Plan" which is general conservation and allows changes to be made to water rights, such as location of intakes. There is also a "Curtailment Plan" which is implemented when there is an emergency beyond conservation measures, such as severe drought.

After initial acceptance by Council and submittal to OHA and OWRD, it is a minimum of three months after OWRD reviews the Plan before they issue approval. This is because they allow a 90-day comment period from the public.

Items in the proposed Master Water Plan were prioritized in order of both priority and possibility. Priorities also help with funding requests. A One-stop meeting would be the next step after Council approved the Master Water Plan. This would be a funding meeting with representatives from several agencies including USDA, OHA, and IFA etc.

Mayor Ungricht added that the City is currently out of compliance for not having a Master Water Plan in place. This would bring the City into compliance and allow the City to seek funding on the priorities listed in the new Master Water Plan.

A motion was made by Councilor D. Sickles and seconded by Councilor Meier the City of Falls City Approves the Draft Water Master Plan and move it forward for state review. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

#### **B. Elect Council President**

Council requested that this item be moved to the March 9, 2017 City Council meeting due to Councilor L. Sickles and Councilor Drill's absences.

#### **C. 2017/2018 Budget Calendar**

Mayor Ungricht explained the Budget Committee process. Council was in agreement with the proposed meeting dates. The Budget Secretary's previous last name was listed and will be corrected to Birr.

#### **D. Dutch Creek Update**

Funding for the Dutch Creek Crossing project has been secured with 75% of funding by FEMA and the remaining 25% by IFA. The preference by both the City and County is a Modified Arch design bridge. This design would allow for more water flow and have greater longevity than the two alternate designs proposed. Total cost for the bridge is \$376,954.00. The City and County will strongly argue their choice; however, FEMA will have the final decision.

**E. Resolution 03-2017 Refinancing of the Falls property**

After much discussion on refinancing the recently acquired Falls property and choices on 15, 20 and 30-year loan terms at 1% interest, Council concluded a 30-year term would be the more financially sound option.

A motion was made by Councilor D. Sickles and seconded by Councilor Meier the City of Falls City resolves as follows, adopt Resolution 03-2017 allowing Mayor Ungricht to execute a loan agreement between Falls City and Polk Community Development Corporation for the refinance of lots 11,12, 13, 14, 15, and 16 of Block R, First Addition to Falls City, Polk County, Oregon for a 30 year term. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

**F. Resolution 04-2017 Recommending Restoring Recreational Immunity**

The history and recent court cases of recreational immunity were discussed. Council decided in favor of supporting the restoration of recreational immunity and protecting public employees from litigation with on duty. This resolution will be sent to our legislative representatives.

A motion was made by Councilor Meier and seconded by Councilor lauder the City of Falls City resolves as follows; adopt Resolution 04-2017 recommending the Oregon Legislature restore recreational immunity rights. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

**G. Economic Development Committee Report**

Mayor Ungricht read the EDC report aloud. (Exhibit A) He called on Councilor Meier to speak on The Committee's behalf as he serves as Committee Chair. Councilor Meier said they have come up with good ideas, enjoy doing it and are planning a local "In Town" celebration. They would like some type of event to recur each year. Mayor Ungricht added that he has already reserved six porta potties for the dates of August 18- 21, 2017 for a cost of approximately \$500.00/.

Councilor Lauder asked to clarify if the EDC would organize the event or if another group would come and do them. Mayor Ungricht felt it could be a good committee but would like to see a group to hand out staff prepared packets to event organizers and handle the details, preferably a 501(c) 3 organization. He added that staff is incredibly busy with responsibilities and many projects and simply does not have time to be involved in events.

Councilor Lauder asked if there was going to be another time restriction of the EDC if it continued. Councilor D. Sickles suggested letting the EDC continue for another year.

A motion was made by Councilor Lauder and seconded by Councilor Flynn that the City of Falls City Council directs staff to draft a new resolution for the operating of the Economic Development Committee. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

**7) Correspondence, Comments and Ex-Officio Reports**

**A. Mayors Report**

Gerald Melin has left a vacant Councilor seat on the Library Board if any Councilors would like to fill it. The Board meets the first Tuesday of each month at 1pm. Council briefly discussed options for possible funding of the library. (Exhibit B)

Mayor Ungricht added that he had met with the Sheriff's Office and the City of Independence Police Chief Robert (Bob) Mason regarding an IGA for abatement and Code enforcement. The Sheriff's Office would enforce violations such as drinking in the park and any other State and County Code. The City of Albany has offered to place an advertisement on the Code Enforcement Association's website for a code enforcement officer to handle Falls City Code violations. The City of Independence has offered to assist in training, if the person is inexperienced. Training is typically 100 (one hundred) hours. The trainer would do most of the legal work until the trainee is proven.

Cases would go to court in Independence and reviewed by their judge under contract to Falls City. Falls City would pay per court session. There was further discussion, but until an IGA is officially in place, many questions could not be answered at this time. While Council may issue abatement fees, it may not assign fines. An IGA would rectify that situation and give Falls City coverage in all areas.

All Councilors present agreed to move ahead with an IGA with the City of Independence Police Department and Polk County Sheriff's Office.

Polk County Board of Commissioners invites all community members to the Polk County Veteran's Service Office in Dallas, February 15 for refreshments offered by the Women's Auxiliary. The new office's location is on Washington Street next to Center Market.

#### **Polk County Sheriff Garton's Report**

Deputy Jenkins was present to respond to question and explain stats on the report. He said the in-climate weather is keeping much of the population indoors, which has kept the number of offenses down. (Exhibit C)

Council agreed that recent arrests and patrol presence has made an impact on criminal activities as well. Mayor Ungricht added that Sheriff Garton has brought a breath of fresh air to the County.

Deputy Jenkins agreed that it is a fresh start. He said the Sheriff's Office would like to become more involved in community events. He suggested "Coffee with a Cop" or something. He would like to be aware of any community events they could be a part of in hopes of establishing positive relationships. Mayor Ungricht said he would like to have cookouts once per month in the summer where law enforcement could mingle in a low-key fashion. Mayor Ungricht noted a deputy was present at the last cookout and it was a very positive experience.

#### **B. Council Reports**

Councilor Lauder researched reader boards. He said they are approximately \$10,000.00 new. He has also researched refurbished signs that are simpler and less expensive. He will bring this Council Goal topic up again if he can find a target cost of around \$3000.00.

Mayor Ungricht said the reader board could be funded under the new Water Curtailment Plan because it requires public notification of conservation status. Grants would help pay for the reader board.

Councilor Lauder volunteered to build a small structure to house the reader board and the historical fire tower whistle outside of the Community Center.

Councilor Lauder will also redo the backboards at the basketball court in the Lower Park.

**8) Council Announcements**

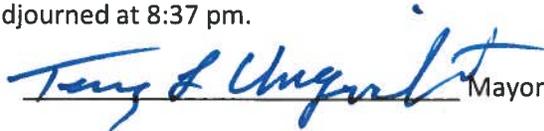
Councilor D. Sickles announced he would be able to attend 6:30 pm Council meetings now that basketball season is over at the school.

A motion was made by Councilor D. Sickles and seconded by Councilor Meier that we [Council] should go back to 6 O'clock [pm] for Council meeting times. Motion carried 4-0-0. Ayes: Tony Meier, Cliff Lauder, Charlie Flynn, Dennis Sickles

Clerk Birr announced that the City's application to the Arbor Day Foundation for the Tree City USA Program had been approved. It shows compliance and progress in five areas of the City's TMDL's for eliminating pollutants in surrounding waterways, such as are found in stormwater runoff. Clerk Birr thanked Council for their hard work and support.

**9) Adjourn**

The meeting adjourned at 8:37 pm.

  
\_\_\_\_\_  
Mayor Terry Ungricht

Attested:   
\_\_\_\_\_  
City Clerk JoHanna Birr

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## AGENDA REPORT

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**TO:** CITY COUNCIL  
**FROM:** MAYOR UNGRICHT  
**SUBJECT:** ECONOMIC DEVELOPMENT COMMITTEE REPORT  
**DATE:** 02/08/2017

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### **SUMMARY**

The Council created an Economic Development Committee through Resolution 13-2015.

### **BACKGROUND**

Falls City Council created an Economic Development Committee in December of 2015 that was required to draft a final report to Council by the February 9, 2017 Council meeting. The Resolution deemed the Committee void after filing the report.

The Committee is bringing the report to Council and requesting that the Committee not be deemed void and that it keep operating within the terms of the final report. If Council desires to keep the Committee in operation Staff will need to draft a new resolution within the guidance of Council's wishes for the Committee to operate.

### **PREVIOUS COUNCIL ACTION**

Resolution 13-2015 establishing the Economic Development Committee.

### **ALTERNATIVES/FINANCIAL IMPLICATIONS**

N/A

### **STAFF RECCOMENDATION**

N/A

### **EXHIBIT**

Exhibit A – Final Report

Exhibit B – Resolution 13-2015

### **PROPOSED MOTIONS**

The City of Falls City Council directs staff to draft a new resolution for the operating of the Economic Development Committee.

The Economic Development Committee recommends that the City Council continue the existence of the Economic Development Committee.

The opportunity afforded by the arrival of the solar eclipse of August 21, 2017 was the motivating factor for the creation of this committee. Through sessions of sharing ideas, brainstorming and research into surrounding areas of support, the committee has begun formulating plans for a Falls City Solar Eclipse Festival on August 21, 2017. The Committee wishes to continue its role in planning the Solar Eclipse Festival.

The Committee is exploring such ideas for the Festival as having a breakfast or a chili cook off, festival music, selling sun sensitive plants, commercial booths, horseback riding, local housing or camping, and the possibility of continuing the tradition the next following year with a Solar Festival.

The committee requests approval to put an announcement in the monthly water bill regarding the ideas and needs of the Festival to generate community interest and participation.

In addition to the Eclipse Festival, the Committee explored various avenues of commercial development in Falls City. The broad scopes of these types of businesses/ activities, continue to be of interest to the Committee, and will require a great deal of attention. This will most likely be on an individual basis working in close relationship with the Mayor and City Council.

A neighboring City Council, which, stated that they were not planning to sponsor any activities, related to the solar eclipse, but would provide help and resources to businesses or organizations that do plan to promote an event.

Following that example, the Committee feels that it should provide a similar role. The Committee will be a sounding board and resource for those in the community who wish to promote financial development whether business opportunities or special events. Committee will keep in mind that any large development would have to wait until the sewage system is brought up to date with increased capacity.

## **RESOLUTION 13-2015**

A RESOLUTION OF THE CITY COUNCIL OF FALLS CITY, OREGON ESTABLISHING AN ECONOMIC DEVELOPMENT COMMITTEE TO EVALUATE AND MAKE RECOMMENDATIONS TO THE COUNCIL FOR GUIDANCE ON WAYS TO BRING IN EMPLOYMENT, ENCOURAGE NEW BUSINESSES, AND ENCOURAGE SPECIAL EVENTS.

### **FINDINGS:**

1. Goal # 4, item 1, of the 2015 Council Goals is to create an Economic Development Committee.
2. The Mayor and Council values input of its citizens
3. To increase the viability and stability of the economy of Falls City as a rural residential and commercial center.
4. There will be a total solar eclipse on August 21, 2017 and Council would like to weigh the possibilities of creating an event to draw tourist.

### **NOW THEREFORE, THE COMMON COUNCIL OF THE CITY OF FALLS CITY RESOLVES AS FOLLOWS:**

Section 1. The Economic Development Committee is hereby established as follows:

- A. The Economic Development Committee shall be comprised of no more than seven members all of whom shall be residents of the City.
- B. The City shall solicit applications for the Economic Development Committee from members of the public.
- C. There will be two members of the City Council and 5 members appointed by City Council.
- D. The Committee will keep minutes per the Oregon Public Meetings Law.

Section 2. The Economic Development Committee has the following duties and responsibilities:

- A. To solicit citizen input regarding these issues by public forums or other processes.
- B. To keep Council informed of direction of discussions.
- C. To prepare a final report by February 9, 2017 or before.
- D. Committee will be deemed void after final report is submitted.

Section 3. Minimum Attendance Requirements:

- A. It is expected that appointed members should attend each meeting. Should a member fail to attend two (2) consecutive meetings, that member shall be deemed to have vacated his or her position.
- B. A Majority of the Committee shall constitute a quorum.

Section 4. All meetings of the Economic Development Committee shall be noticed and open to the public. The public shall be encouraged to submit verbal and written comments to the Committee. The Committee shall have minutes of each meeting, which minutes shall be promptly recorded with City Staff and such records will be open to the public for inspection.

Section 5. This Resolution was duly PASSED and ADOPTED by the Falls City Council this Tenth (10) day of December, 2015, and takes effect upon signing by the Mayor.

Introduced and adopted December 10, 2015:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Terry Ungricht, Mayor

Attest:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Domenica Protheroe, City Clerk

## **Library Director's Report**

**February 2017**

- **Attendance** for the month of January was 96 adults and 88 children ( 184 total).
- Attended monthly CCRLS PYM meeting at the Monmouth Public Library.
- Have begun organizing a seed share display at the library for local gardeners and farmers. Purchasing seed display with money donated from Polk County Master Gardeners. Already have one local business donating seeds. Plan to reach out to Itemizer Observer for coverage.
- Have three community programming books being sent to me from the State Library.
- Trained to use Inter Library Loan through OCLC (Online Computer Library Center: the company who produces library software interfaces and databases including WorldCat, WorldShare, and Connexion). Wagner patrons can now borrow books from libraries across the nation.
- Have continued to catalogue new Junior Library Guild children's books sent to Wagner monthly from the Libri Grant.
- I will be starting an ongoing \$0.25 book sale at the library to clear out rejected & weeded books.

**Andy Rommel – Library Director**

# January 2017 Falls City Stats

Exhibit C

Falls City Calls for Service					
911 Hangup	DOA	Miss Person	Susp Activity		
Accident	Fight	Misc Crime	Susp Person		1
Animal	Domestic Dist	OD	Susp Person		2
Area Check	Drug	Mental	Susp Vehicle		4
Assault	FIR	Search	Theft		3
Assist Other Agency	Fire/EMS	Ordin Vio	Water Res		
Alarm	Follow up	prowler	traffic assist		
Burglary	Found Prop	runaway	Traffic Stops		8
Citizen Contact	Fraud	sex offense	Trespass		
Civil Paper Service	Gen Disturb	Shots Fired	Uncon		1
Criminal Mischief	Harassment	Stolen Veh	Welfare Check		2
			Misc		

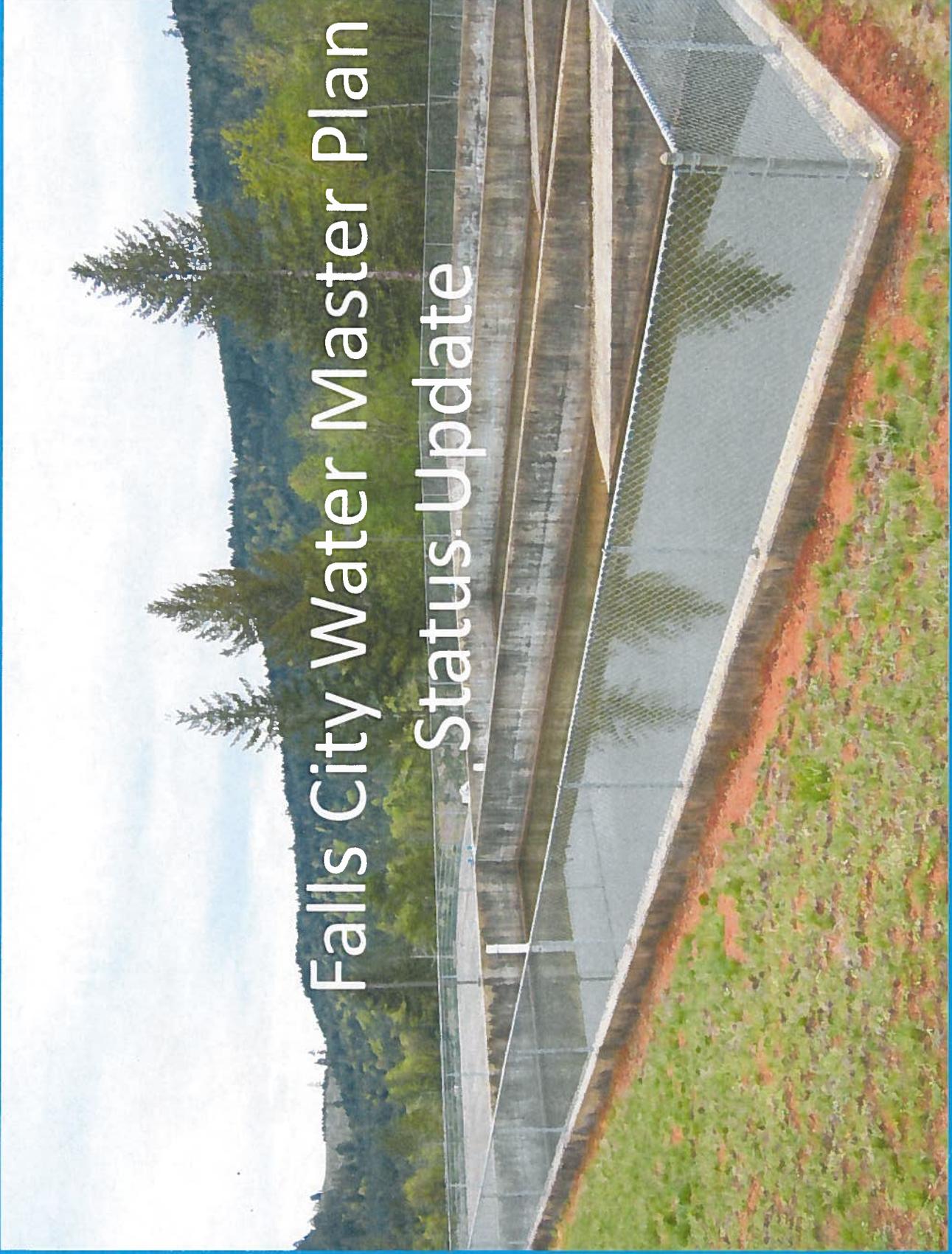
Falls City Calls for Service	Of the FC Calls for Service
Total Calls for Service (county wide)	FC Cases Cleared by Arrest
Falls City % of Total Calls	Total Arrests in Falls City
	involved crimes
	clearance
	of total arrests

Total Service Calls (Polk County)	1797
Of the calls for service (county wide)	Crimes Occ
Cases Cleared by arrest	36.8%
Total Arrests (county wide)	48
	Junvenile Arrests
	1 (county wide)
	0 (Falls City)
	(only true crimes reported here)

I have spoke to Attorney, in regards to the 300% water bill increase, The City is trying to impose on ~~us~~ Green Haven RV Park. The Attorney suggested we try to ~~to~~ come up with an agreement both sides can live with. Something closer to 30% increase, would be a # we could agree to. I suggest, a flat rate, the Mayors agreement is way to complicated. Take an average over the last year, and add 30%, would be a simpler, more straight forward suggestion. I would like ask the counsel for more time, to come up with something that will be acceptable to both, RV park & the city. We would like to work with the city. We would like to come to an agreement with out ~~the~~ litigation if possible.

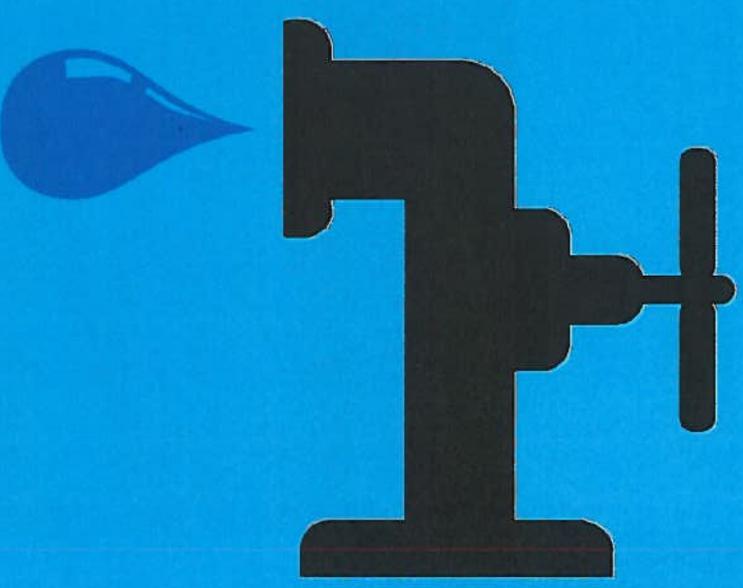
Thank you

# Falls City Water Master Plan Status Update

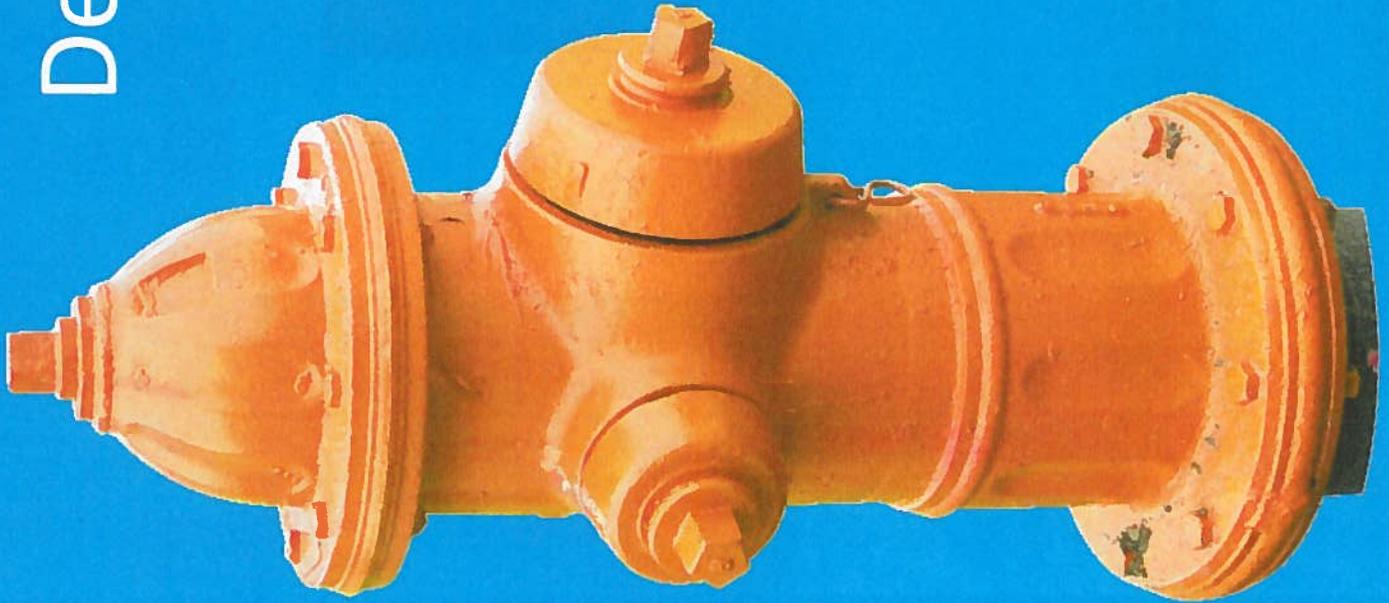


# Existing Water System

- 2 Intakes
- Water Treatment Plant (WTP)
- Reservoir
- Distribution System
- 2 Pressure Reducing Valves (PRVs)



# Demands & Fire Flows



## Demands (GPM)

Demand Type	Current	2035
Max Day	243	327
Max Month	161	217
Average Day	73	98
Winter Day*	56	75
Peak Hour**	365	491

\*Winter = November- February

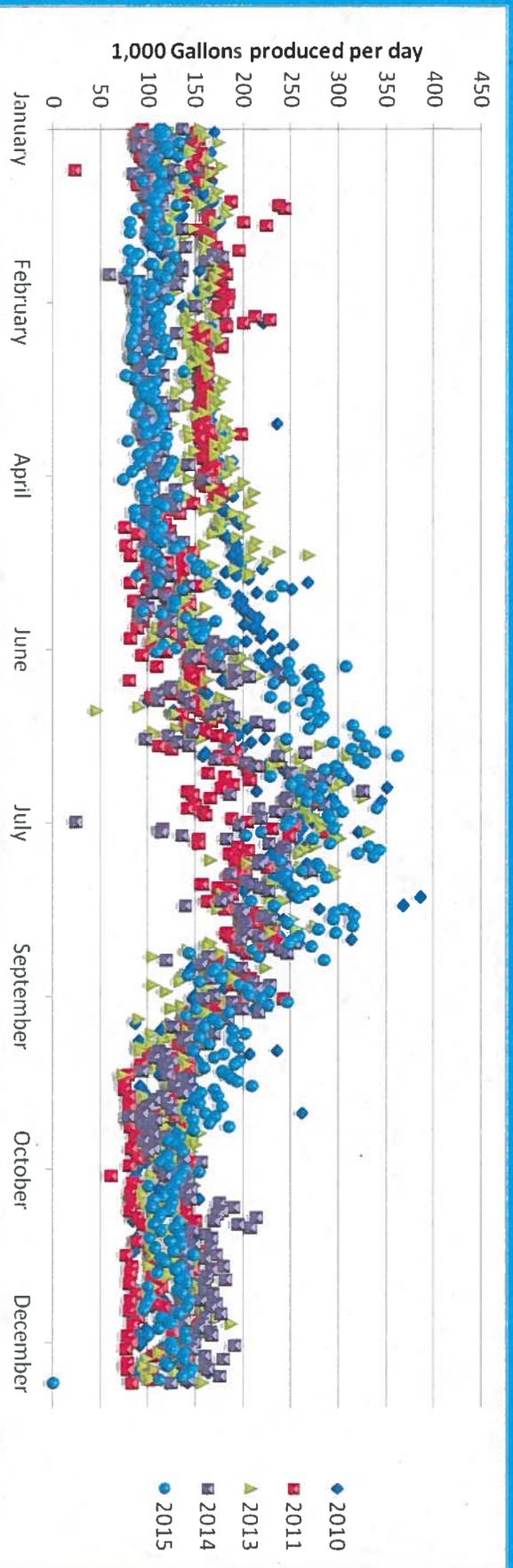
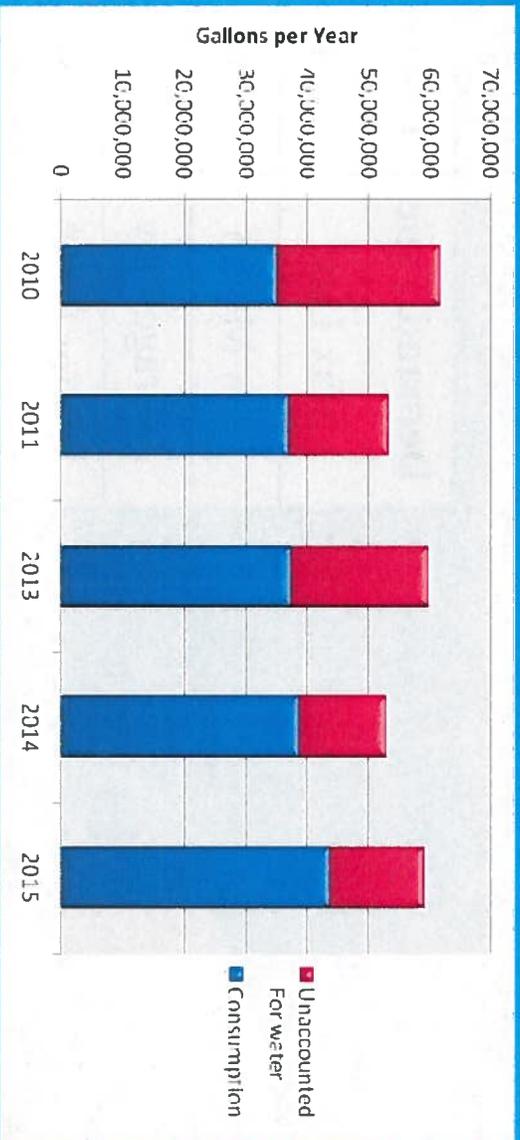
\*\* Assume a typical 1.5 peaking factor from max day

## Fire Flows (GPM)

Type	Demand
Residential Fire Flow	1500
Commercial Fire Flow*	3000

\*Still awaiting info from ISO, subject to change

# Production



# Intake Alternatives

- Improvements to Current Intakes & Raw Water Transmission Line
- Install Intake Closer to Water Treatment Plant
- Backup Well at Water Treatment Plant
- No Action
- **Intake Study to Further Evaluate Conditions**

# Water Treatment Plant Alternatives



- **Repair Concrete**
- **Replace Chlorine Line**
- **Repair Leaks in Vaults**

# Reservoir Alternatives

- **No Action**
- Construct a Reservoir Too Large for System Needs & Add Redundancy

Storage Evaluation	Current	2035
MDD	350,000	471,579
ADD	104,970	141,434
Operations & Equalization (0.25 MDD)	87,500	117,895
Emergency (2x ADD)	209,941	282,868
Fire Suppression (1500 gpm @ 2 hours)	180,000	180,000
Total Storage Needs	477,441	580,762
Total Storage Available	835,650	835,650
Storage Surplus	358,209	254,888

# Distribution Alternatives

- **Gravity Fed System (with Meter Replacement)**
- Pump Driven System (with Meter Replacement)
- No Action

# Capital Improvement Plan

No.	Project Name	Preliminary Estimated Cost
<i>Priority 1A Projects(0-5 years)</i>		
1A-1	Repair Bridge Holding Water line	\$ 116,188
1A-2	Alan Street	\$ 303,079
1A-3	Sheldon Avenue	\$ 125,206
1A-4	Parry Road	\$ 82,891
1A-5	Fairview Street and Terrace Street	\$ 343,964
1A-6	Hopkins Street	\$ 225,599
1A-7	Alley North of Main Street	\$ 150,443
1A-8	Mill Street	\$ 58,305
1A-9	Forest Lane and Clark Street	\$ 256,458
<b>Sub Total of Priority 1A Projects</b>		
<b>\$ 1,662,131</b>		
<i>Priority 1B Projects(0-10 years)</i>		
1B-1	Reservoir Transmission Line	\$ 386,929
1B-2	North Zone Transmission Line	\$ 675,350
1B-3	West Zone Transmission Line	\$ 476,011
1B-4	Pine Street	\$ 168,236
1B-5	Disconnect 6th and Mitchell	\$ 4,225
1B-6	PRV Installations and Reconfigurations	\$ 182,163
1B-7	7th Street and Prospect Street	\$ 214,825
<b>Sub Total of Priority 1B Projects</b>		
<b>\$ 2,107,739</b>		
<i>Priority 2 Projects(10-15 years)</i>		
2A	5th Street and Pine Street	\$ 201,208
2B	Lewis Street and Lombard Street	\$ 511,225
2C	Wood Street	\$ 57,298
2D	School	\$ 19,533
2E	Reservoir Improvements	\$ 33,840
2F	Intake Siting Study and Improvements	\$ 25,000
<b>Sub Total of Priority 2 Projects</b>		
<b>\$ 848,103</b>		
<i>Priority 3 Projects(15-20 years)</i>		
3A	West Zone Loop	\$ 555,653
3B	Northwest Improvements	\$ 326,414
3C	Prospect Avenue	\$ 86,076
3D	West Boulevard Loop	\$ 101,351
3E	Clark Street Loop	\$ 100,474
3F	Carey Court	\$ 107,640
3G	Northeastern Fireflow	\$ 251,973
3H	Priority 3 PRVs	\$ 215,963
3I	Service Meters	\$ 391,463
3J	Fire Hydrants	\$ 330,525
3K	Water Treatment Plant Improvements	\$ 7,150
<b>Sub Total of Priority 3 Projects</b>		
<b>\$ 2,474,680</b>		
<b>Total Recommended Improvement Project Costs</b>		
		<b>\$ 7,092,653</b>

# Priority Improvements

- **Priority 1A** (0-5 years) – projects that can likely be funded in the 5 year time frame mostly AC pipe
- **Priority 1B** (0-10 years) – projects that are a very high priority but will likely need outside funding mainly rezoning to distribute pressure more evenly
- **Priority 2** (10-15 years) – projects that primarily focus on AC pipe, reservoir maintenance, and the intake study
- **Priority 3** (15-20 years) - projects that should be completed as funding becomes available

# Rate Impacts

Scenario	Increases		Total 5/8" RI Bill	
	2018 bill	2027 bill	2018 bill	2027 bill
100% loan	\$14	\$16	\$63.33	\$65.92
100% grant	\$0	\$0	\$49.61	\$49.61
70% loan 30% forgiveness	\$8	\$11	\$57.32	\$60.67

# Conservation Plan Benchmarks

Conservation Measures	Deadline	Frequency
Meter All Connections	2017	NA
Water Audit	Current	Annual
Develop Meter Testing/Replacement Program	2020	As Needed
Leak Detection of Distribution Mains	2017	As Needed
Implement Waterline Replacement/Repair Program	2020	Ongoing
Residential Leak Detection Assistance	Current	As Needed
Include Water Conservation Brochures w/ Water Bill	2020	Annually

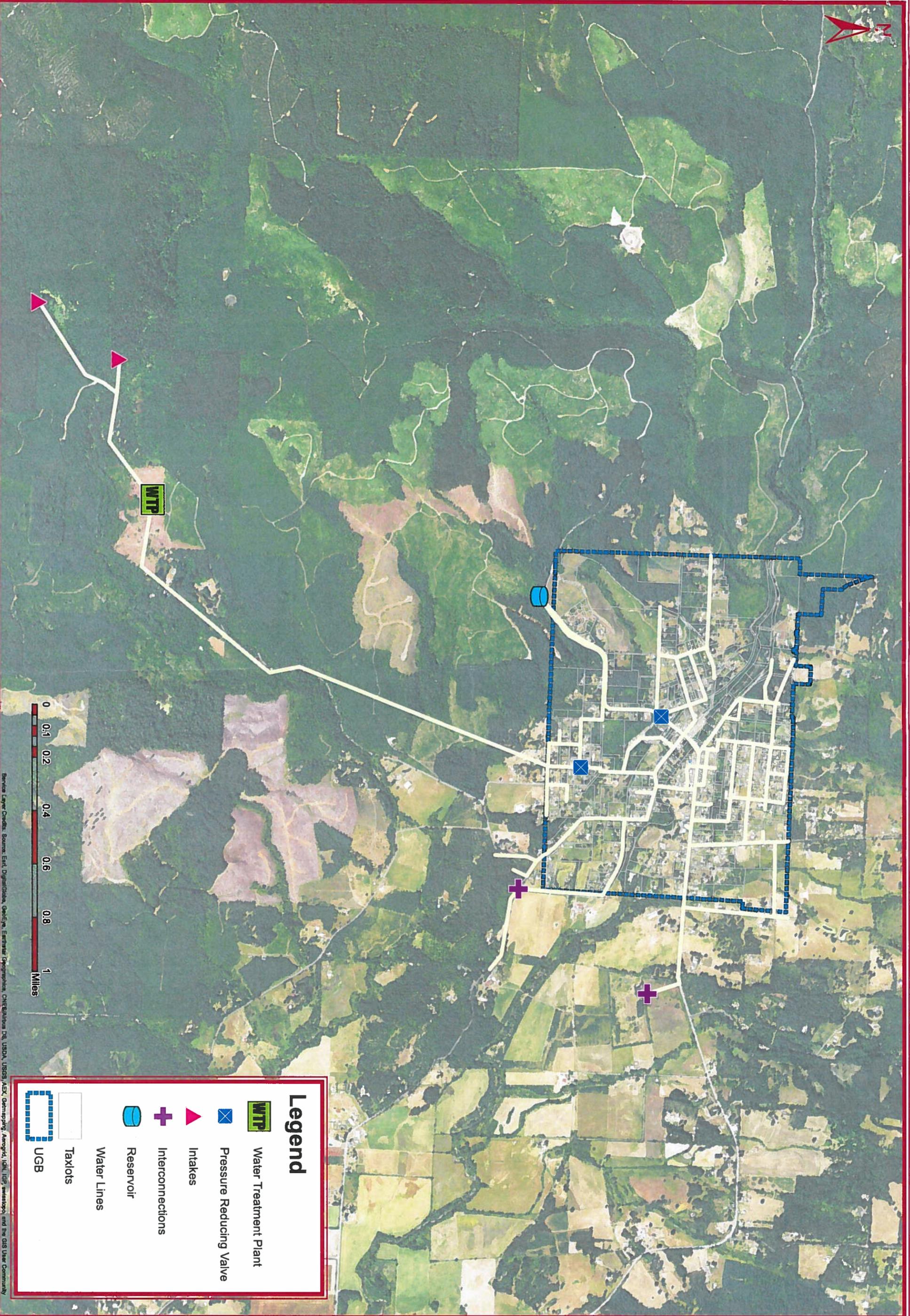
# Curtailment Plan Matrix

Alert Stage Level	Triggers	Goal	Curtailment Actions
Level 1 - Water Alert	<ul style="list-style-type: none"> <li>Demand: &gt; 60% of system operating capacity</li> <li>Recommendation of water plant operator</li> </ul>	Public Awareness and 10% reduction in consumption	<ol style="list-style-type: none"> <li>Institute a voluntary restricted watering schedule based on odd/even address numbers for all customers.</li> <li>Disseminate information brochures on conservation.</li> <li>Request customers voluntarily reduce consumption.</li> <li>Request major users defer nonessential consumption to off-peak hours.</li> <li>Hydrant and water line flushing only for essential needs.</li> <li>Prohibit washing of sidewalks, streets, etc. except for public safety.</li> <li>Restrict vehicle washing to weekdays.</li> <li>Reporting sign should alert that the water supply is low.</li> </ol>
Level 2- Moderate	<ul style="list-style-type: none"> <li>Demand: &gt; 85% of system operating capacity</li> <li>Recommendation of water plant operator</li> </ul>	15% reduction in consumption	<ol style="list-style-type: none"> <li>Continue Level 1 curtailment measures</li> <li>Mandate restrictions on all lawn watering and other nonessential uses of water</li> <li>Prohibit filling and cleaning decorative fountains</li> <li>Prohibit all vehicle washing</li> <li>Hydrant and water main flushing shall be done for emergencies only.</li> <li>Businesses will be required to post drought notices</li> <li>Reporting sign should indicate the upgrade of severity.</li> </ol>
Level 3 - Severe	<ul style="list-style-type: none"> <li>Demand: &gt; 90% of system operating capacity</li> <li>Recommendation of water plant operator</li> </ul>	20% reduction in consumption	<ol style="list-style-type: none"> <li>Continue all Level 1 and 2 actions</li> <li>Prohibit all nonessential outside water use.</li> <li>The City reporting sign should indicate the upgrade of severity and further caution consumers about the wise and prudent water use.</li> </ol>

# Next steps

- Submit to OHA
- Submit to OWRD
- Final Approval by Council
- Council then starts looking for funding



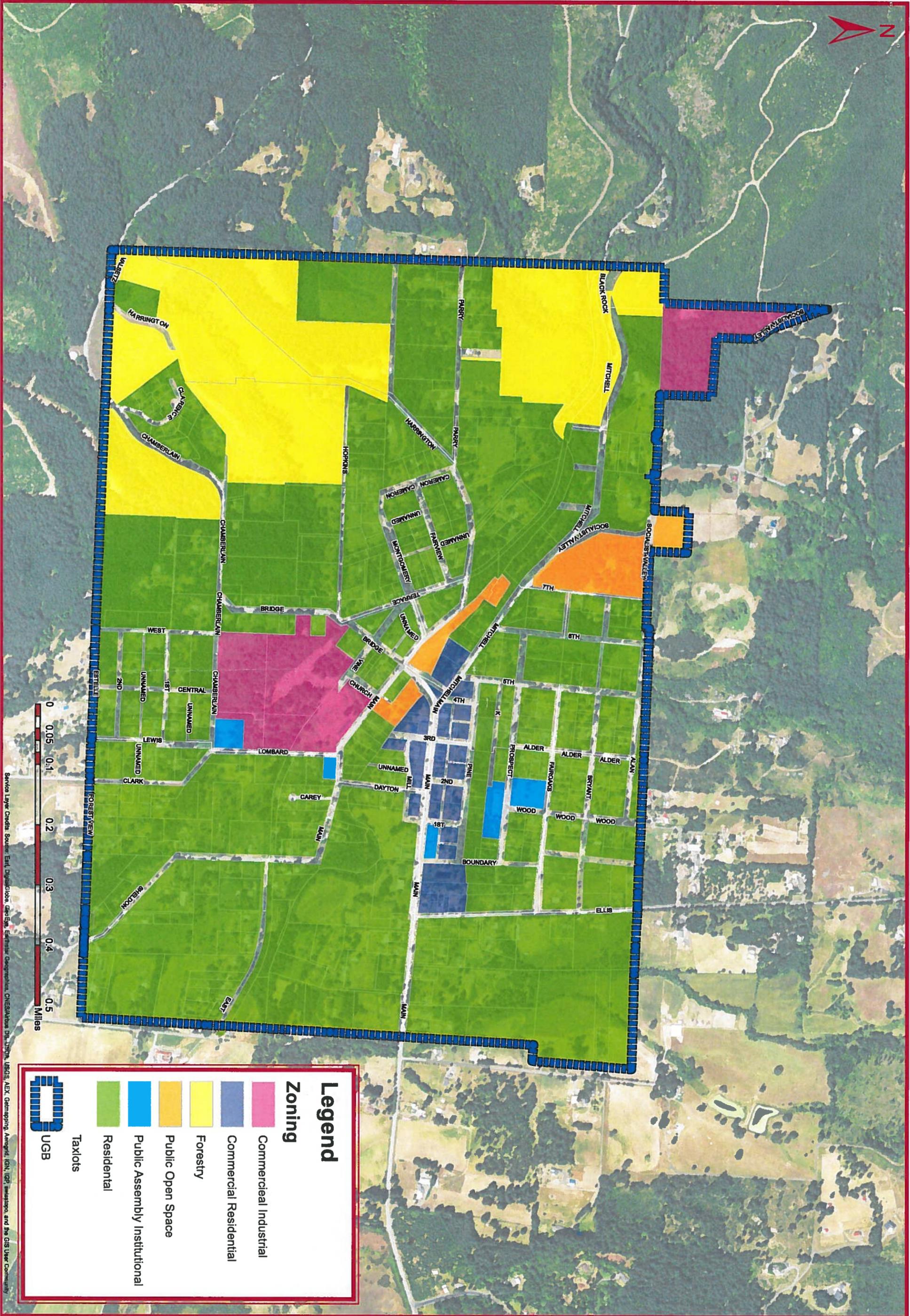


**Legend**

-  Water Treatment Plant
-  Pressure Reducing Valve
-  Intakes
-  Interconnections
-  Reservoir
-  Water Lines
-  Taxlots
-  UGB



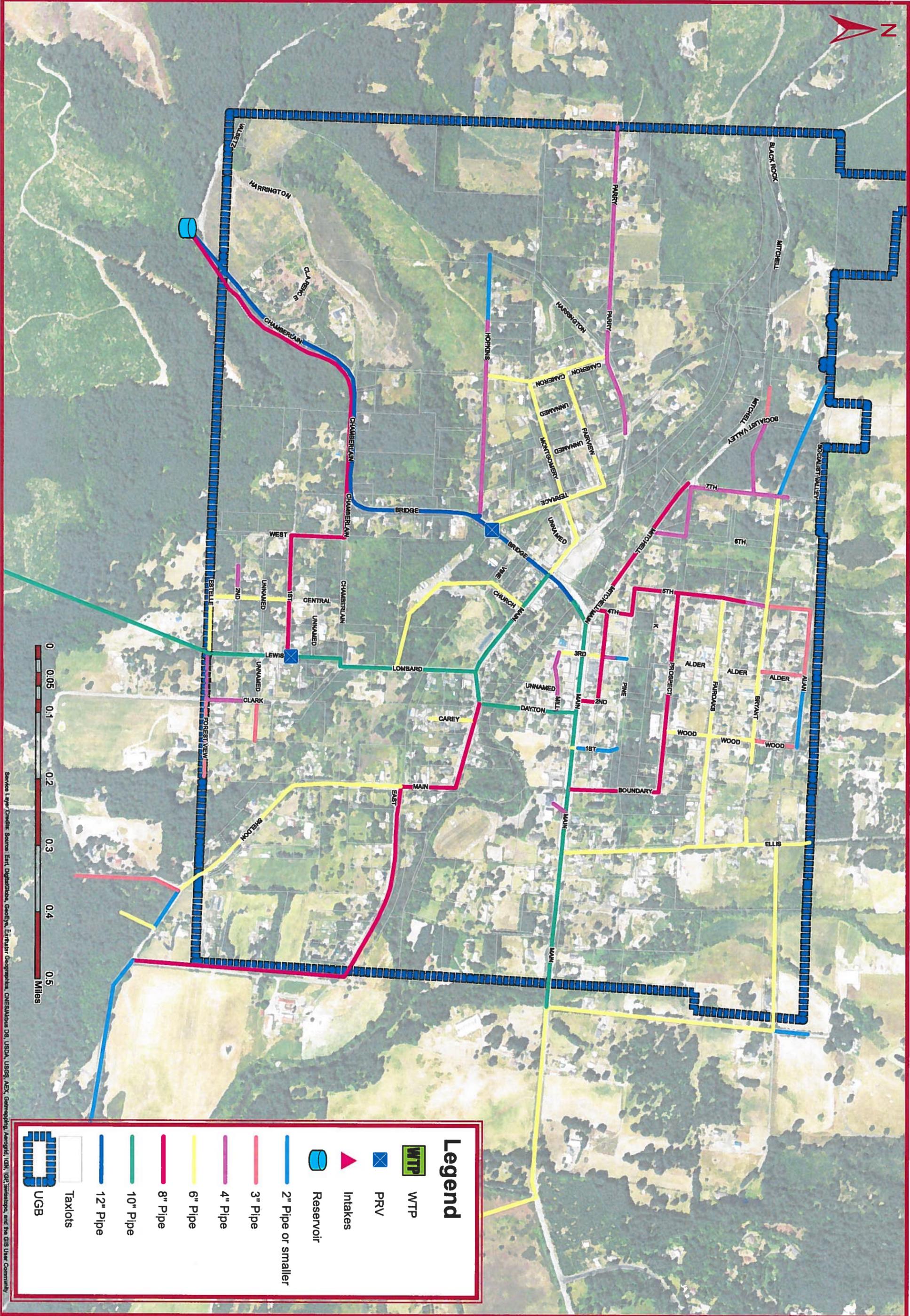
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroX, Geomatics AeroGRID, IGN, IGP, swisstopo, and the GIS User Community



**Legend**

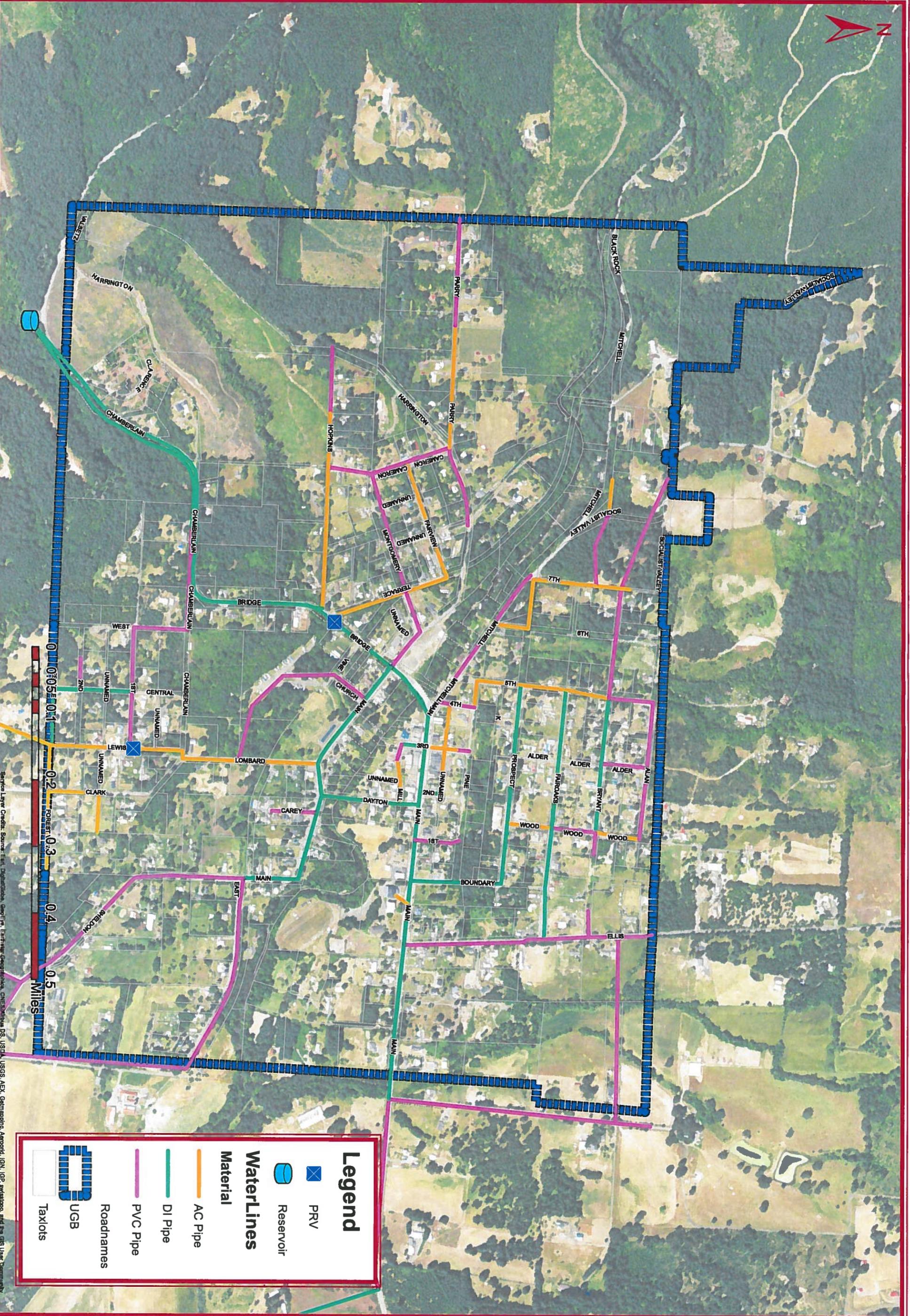
**Zoning**

- Commercial Industrial
- Commercial Residential
- Forestry
- Public Open Space
- Public Assembly Institutional
- Residential
- Taxlots
- UGB



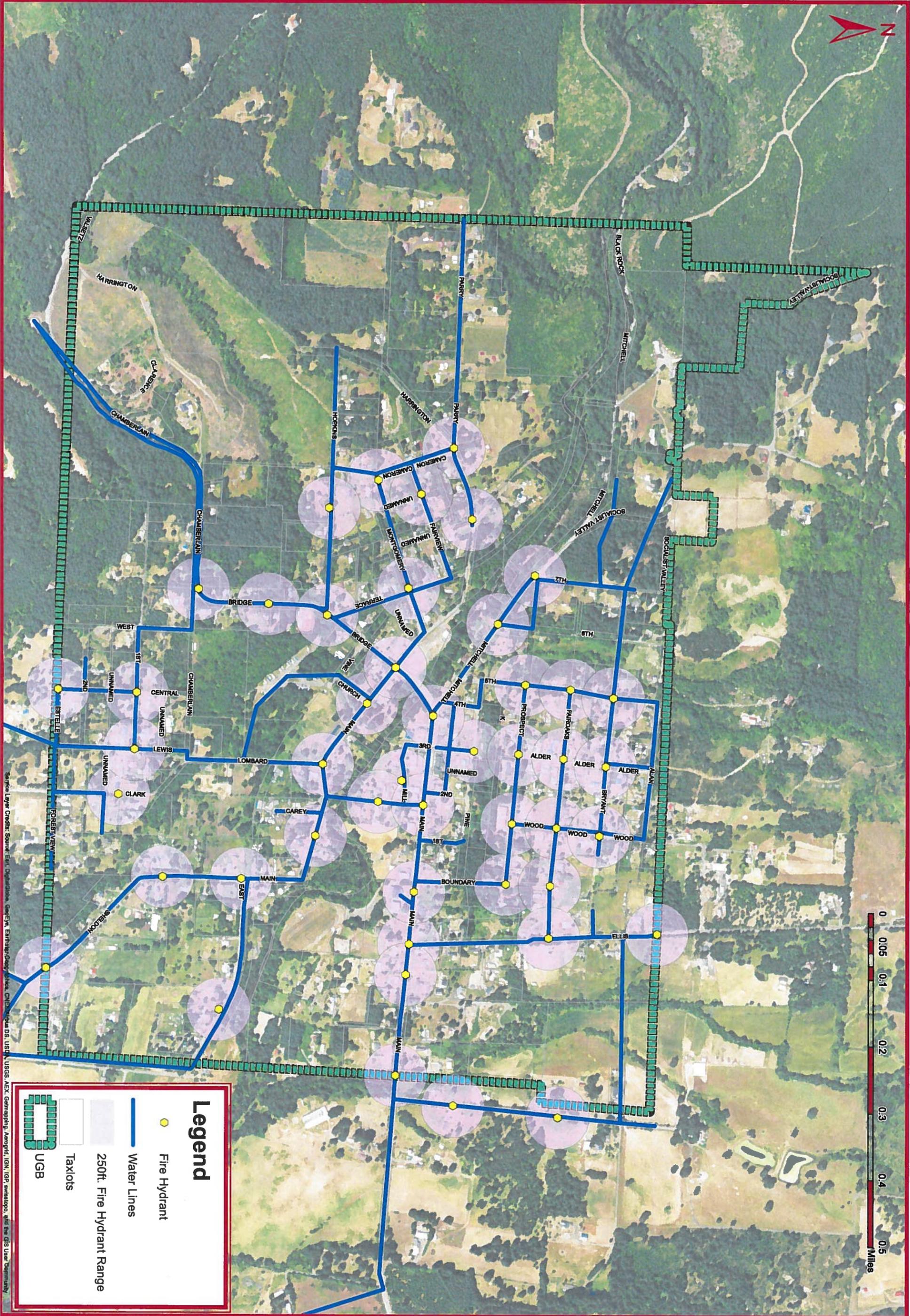
**Legend**

- WTP
- PRV
- Reservoir
- Intakes
- 2" Pipe or smaller
- 3" Pipe
- 4" Pipe
- 6" Pipe
- 8" Pipe
- 10" Pipe
- 12" Pipe
- Taxlots
- UGB



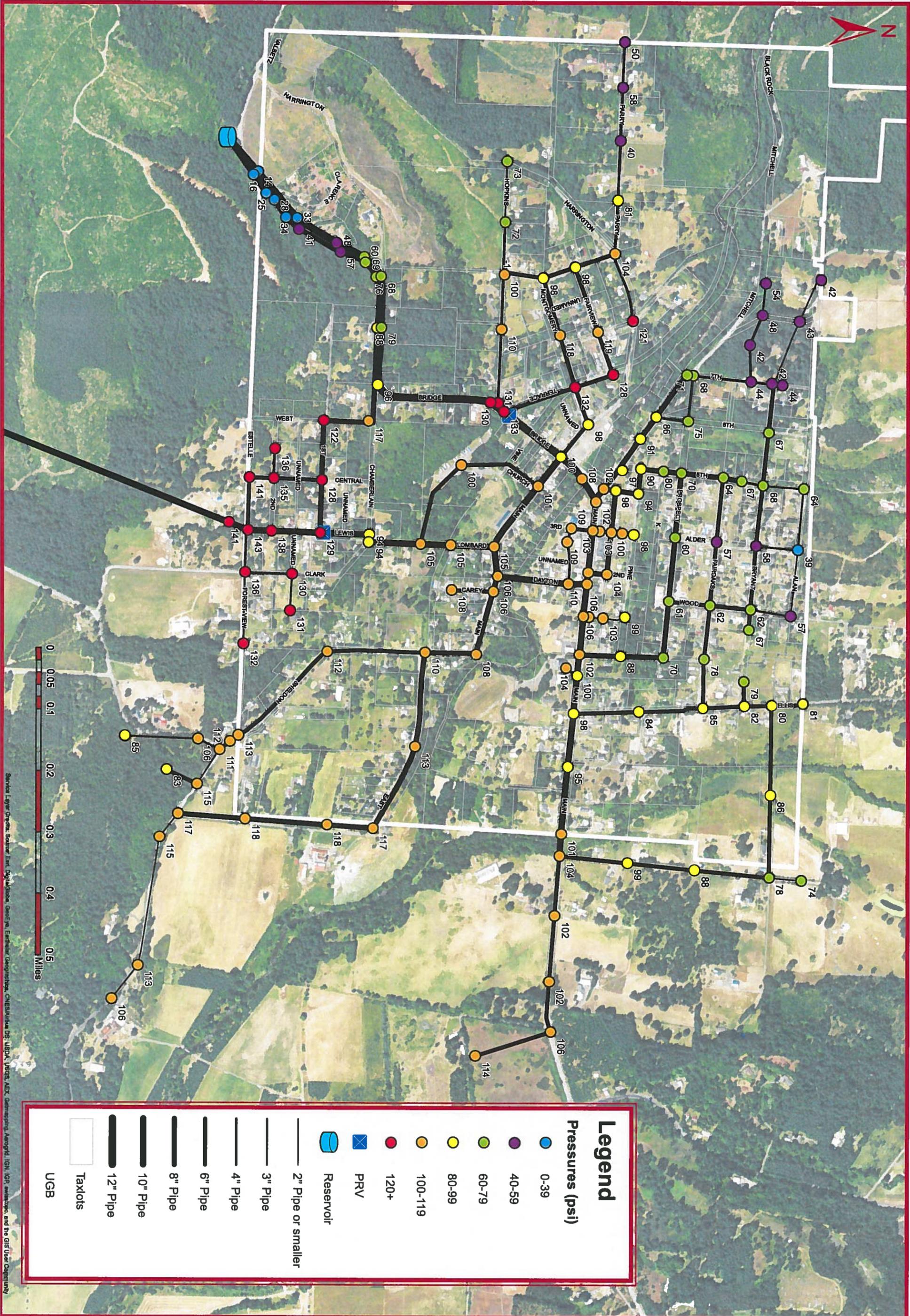
**Legend**

- PRV
- Reservoir
- WaterLines**
- UGB
- AC Pipe
- DI Pipe
- PVC Pipe
- Material**
- Roadnames
- Taxlots



**Legend**

-  Fire Hydrant
-  Water Lines
-  250ft. Fire Hydrant Range
-  Taxlots
-  UGB

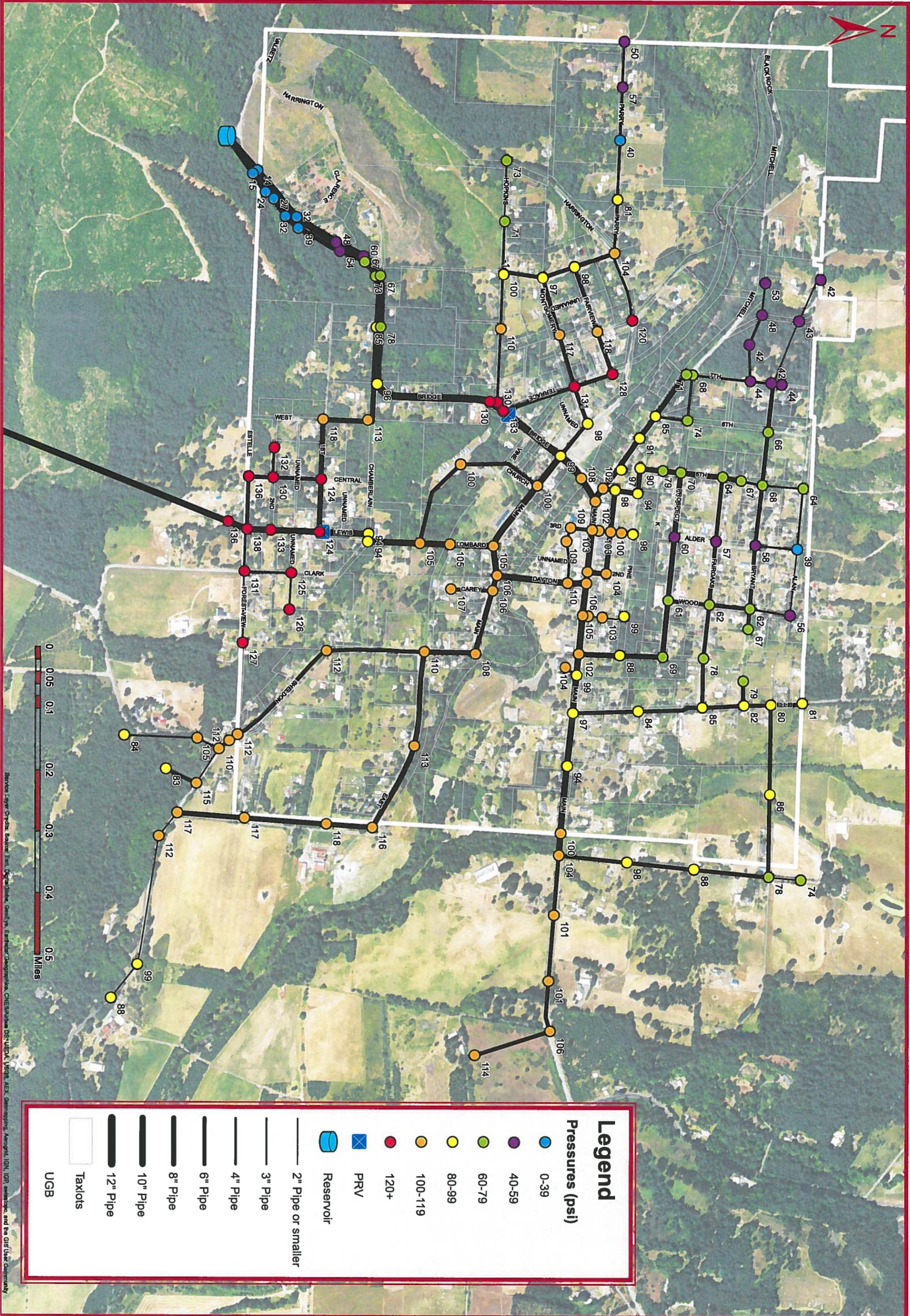


### Legend

**Pressures (psi)**

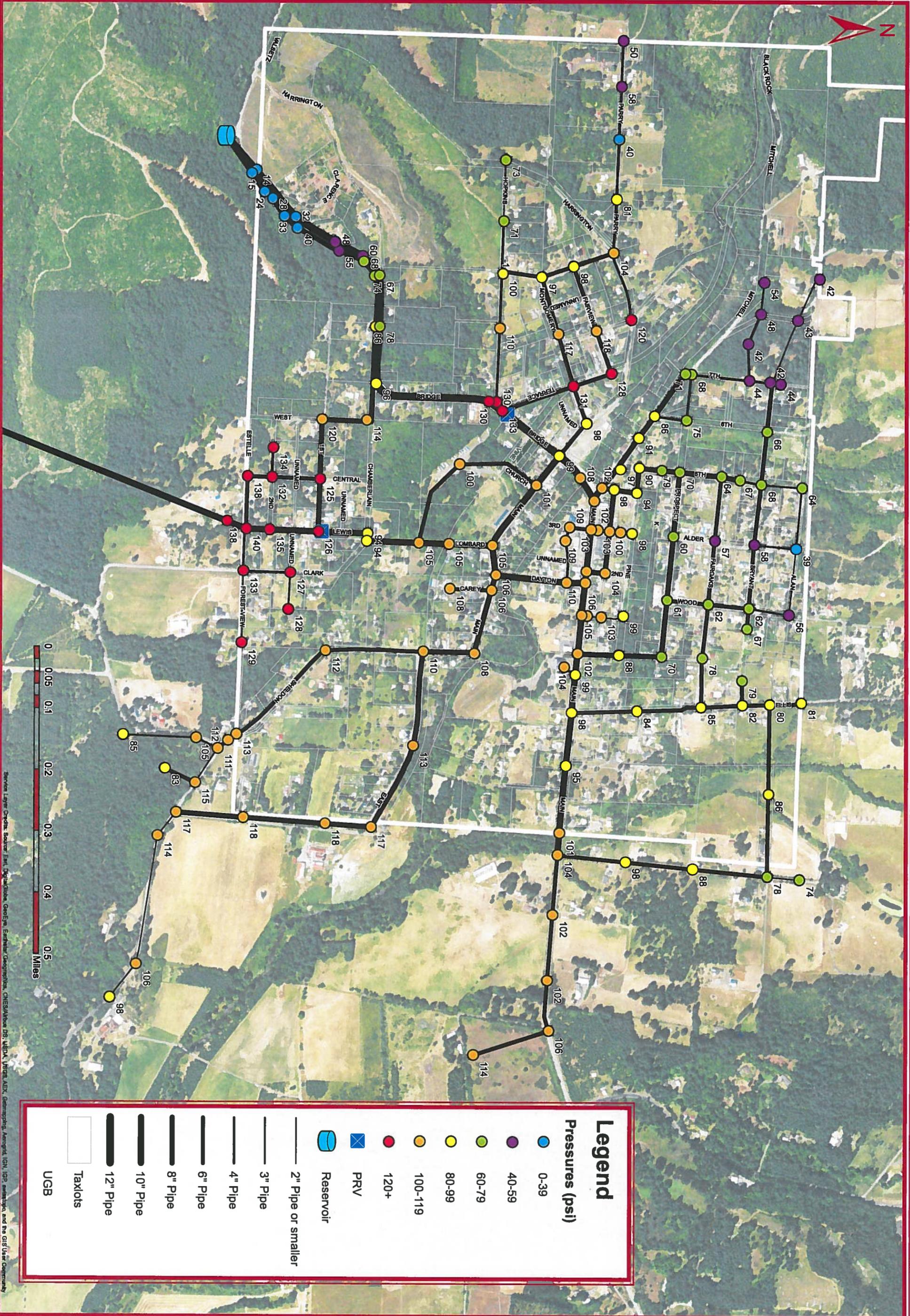
- 0-39
- 40-59
- 60-79
- 80-99
- 100-119
- 120+

- PRV
- Reservoir
- 2" Pipe or smaller
- 3" Pipe
- 4" Pipe
- 6" Pipe
- 8" Pipe
- 10" Pipe
- 12" Pipe
- Taxlots
- UGB



### Legend

	0-39
	40-59
	60-79
	80-99
	100-119
	120+
	PRV
	Reservoir
	2" Pipe or smaller
	3" Pipe
	4" Pipe
	6" Pipe
	8" Pipe
	10" Pipe
	12" Pipe
	Taxlots
	UGB



### Legend

**Pressures (psi)**

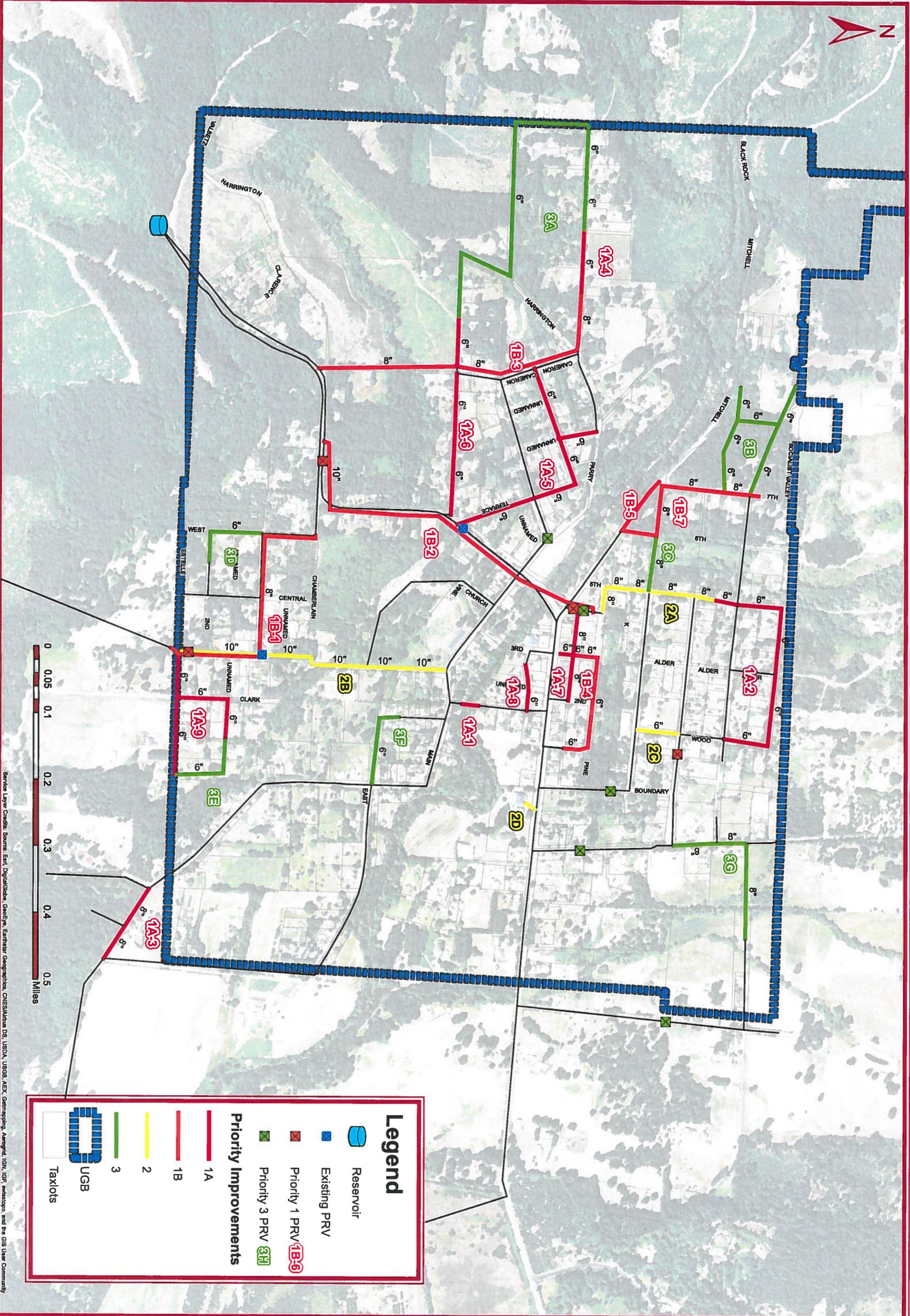
- 0-39
- 40-59
- 60-79
- 80-99
- 100-119
- 120+

- PRV
- Reservoir
- 2" Pipe or smaller
- 3" Pipe
- 4" Pipe
- 6" Pipe
- 8" Pipe
- 10" Pipe
- 12" Pipe
- Taxlots
- UGB

Source: Layer Credits: Soudier, Esri, DigitalGlobe, GeoEye, Earthstar, GeoGraphics, CNES/Airbus DS, USDA, USDA, USDA, AXC, Getmapping, Aermap, IGN, IGP, swisstopo, and the GIS User Community







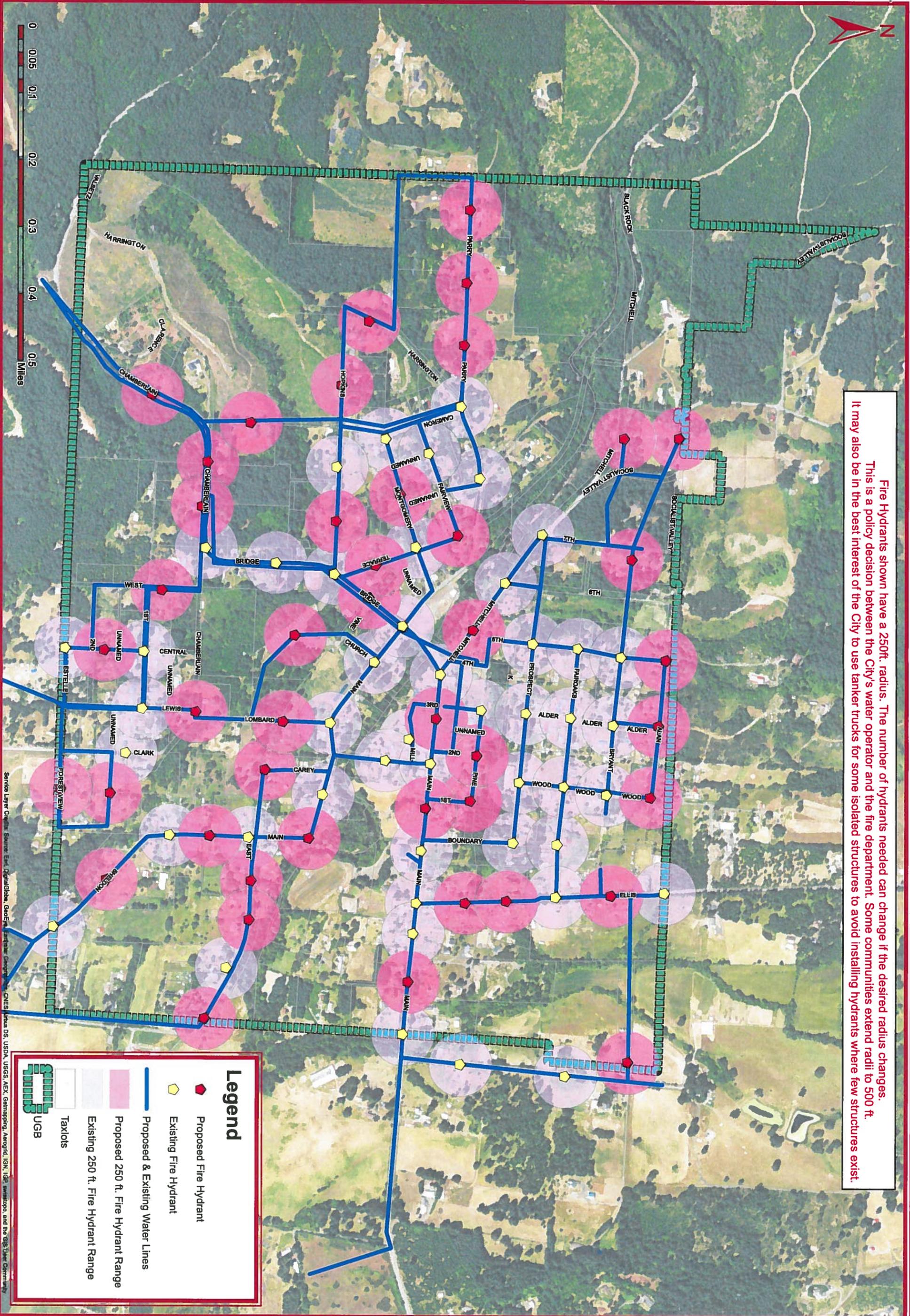
**Legend**

- Reservoir
- Existing PRV
- Priority 1 PRV **1B-6**
- Priority 3 PRV **3H**
- 1A
- 1B
- 2
- 3
- UGB
- Taxlots

**Priority Improvements**

- 1A
- 1B
- 2
- 3

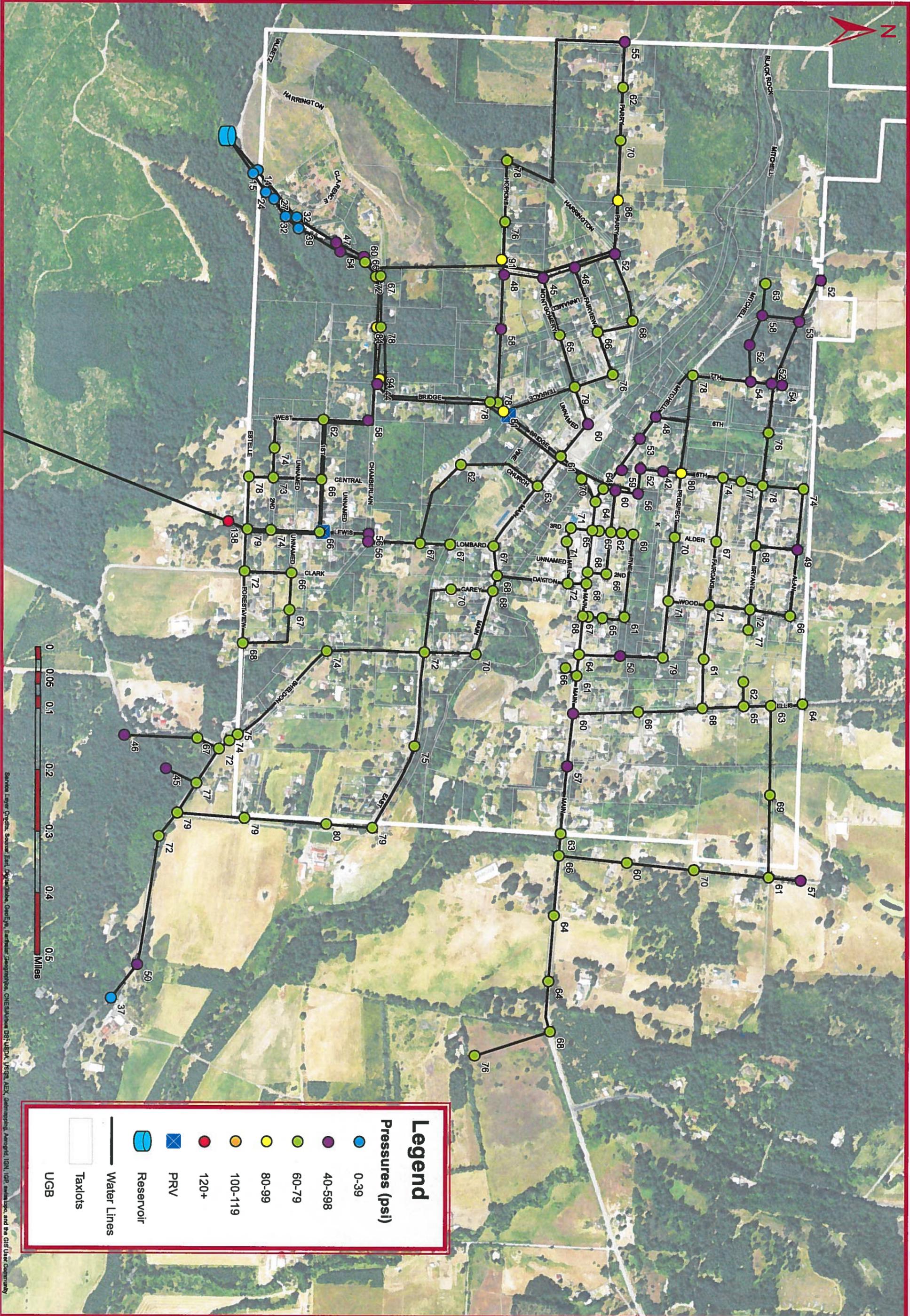
Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Geomatics, Aerial, IGN, IGP, swisstopo, and the GIS User Community



Fire Hydrants shown have a 250ft. radius. The number of hydrants needed can change if the desired radius changes. This is a policy decision between the City's water operator and the fire department. Some communities extend radii to 500 ft. It may also be in the best interest of the City to use tanker trucks for some isolated structures to avoid installing hydrants where few structures exist.

### Legend

-  Proposed Fire Hydrant
-  Existing Fire Hydrant
-  Proposed & Existing Water Lines
-  Proposed 250 ft. Fire Hydrant Range
-  Existing 250 ft. Fire Hydrant Range
-  Taxlots
-  UGB

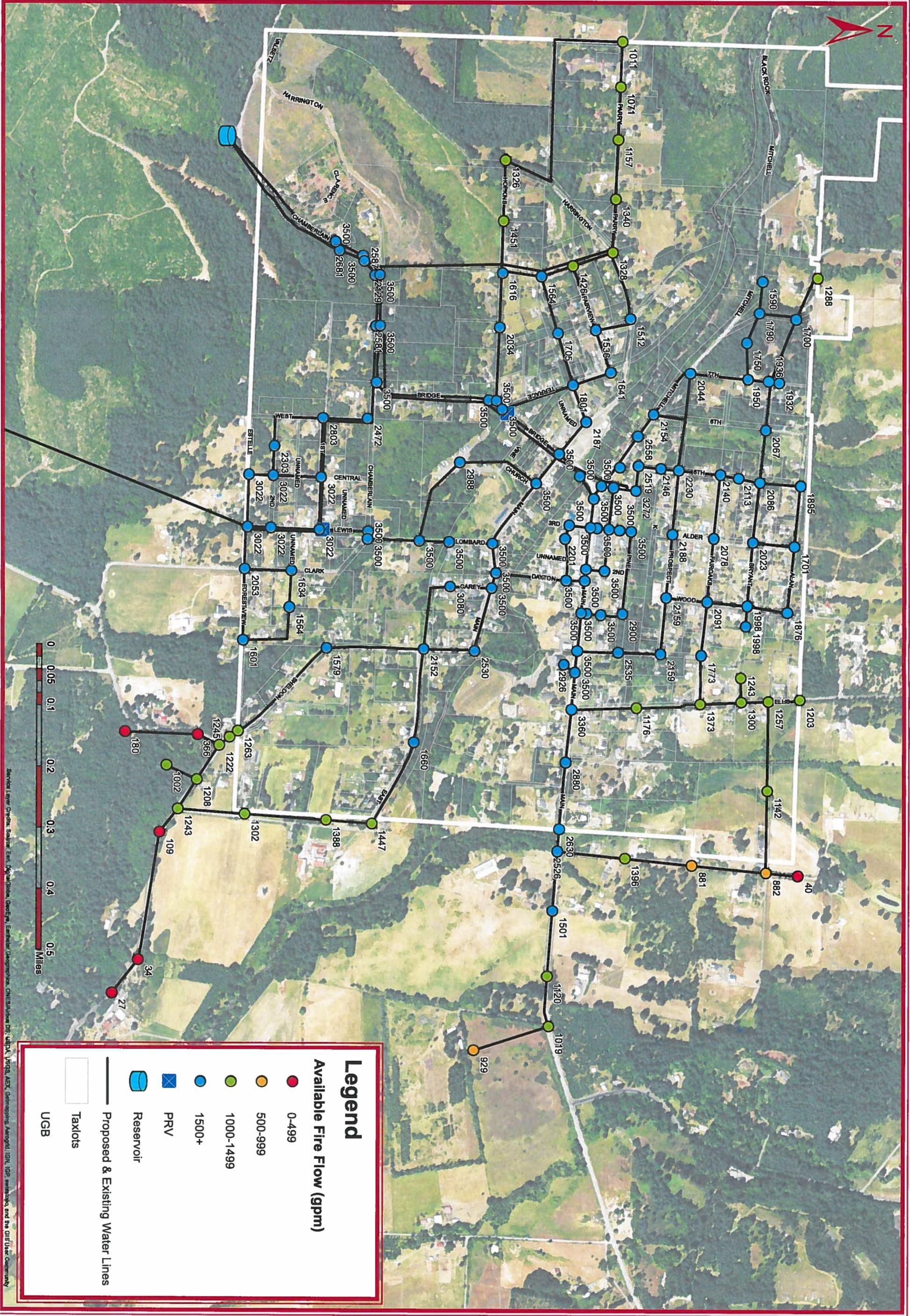


**Legend**

**Pressures (psi)**

- 0-39
- 40-59.8
- 60-79
- 80-99
- 100-119
- 120+

- PRV
- Reservoir
- Water Lines
- Taxlots
- UGB



**Legend**

**Available Fire Flow (gpm)**

- 0-499
- 500-999
- 1000-1499
- 1500+

 PRV  
 Reservoir  
 Proposed & Existing Water Lines  
 Taxlots  
 UGB