



DATE: September 29, 2021

TO: Mr. Jeff Johnson, P.E.
Regional Engineer, DOH

CLIENT: City of Omak

FROM: David Ellis

SUBJECT: Omak 2021 Water System Plan
Amendment

G&O #: 21846

WE ARE TRANSMITTING:

- Herewith
- Under Separate Cover

Number of Copies: see below

THE FOLLOWING:

- Plans
- Construction Drawings
- Specifications
- Shop Drawings
- Change Order
- Legal Description
- Plan Amendment

FOR:

- Review & Comment
- Approval
- Signature
- Your Use & Files
- As Requested
- Action Noted Below

COMMENTS

Jeff,

On behalf of the City of Omak enclosed please find one copy of the City's 2021 Water System Plan Amendment for your review and approval.

Please let me know if you have any questions or need additional information.

David

CITY OF OMAK

OKANOGAN COUNTY

WASHINGTON



2021 WATER SYSTEM PLAN AMENDMENT



G&O #21846
SEPTEMBER 2021





Water System Plan Submittal Form

This form must be completed and submitted along with the Water System Plan (WSP). It will expedite review and approval of your WSP. **All water systems should contact their regional planner before developing any planning document for submittal.**

City of Omak	63750K	City of Omak
1. Water System Name Mr. Ken Mears	PWS ID# or Owner ID# (509) 826-1170	Water Systems Owner's Name Public Works Director
Contact Name for Utility 2 North Ash Street	Phone Number Omak	Title WA 98840
Contact Address David Ellis, P.E.	City (509) 453-4833	State Project Engineer Zip
2. Project Engineer 180 Iron Horse Court	Phone Number Yakima	Title WA 98901
Project Engineer Address	City	State Zip

3. Billing Contact Name (required if not the same as #1)	Billing Phone Number	Billing Fax Number
Billing Address	City	State Zip

- 4. How many services are presently connected to your system? 2474 (2021 WFI)
- 5. Is your system expanding (*circle what applies*: **seeking to extend service area** or increase number of approved connections)? Yes No
- 6. If the number of services is expected to increase, how many *new* connections are proposed in the next six years? 30
- 7. If your system is private-for-profit, is it regulated by the State Utilities and Transportation Commission? Not Applicable Yes No
- 8. Is the system located in a Critical Water Supply Service Area (i.e., have a Coordinated Water System Plan)? Yes No
- 9. Is your system a customer of a wholesale water system? Yes No
- 10. Will your system be pursuing additional water rights from the Department of Ecology in the next 20 years? Yes No
- 11. Is your system proposing a new intertie? Yes No
- 12. Do you have projects currently under review by us? Yes No
- 13. Are you requesting distribution main project report and construction document submittal exception and if so, does the WSP contain standard construction specifications for distribution mains? No, already done with 2018 Water System Plan Yes No
- 14. The water system is responsible for sending a copy of the WSP to adjacent utilities for review or a letter notifying them that a copy of the WSP is available for their review and where the review copy is located. Has this been completed? Yes No
- 15. The purveyor is responsible for sending a copy of the WSP to all local governments within the service area (county and city planning departments, etc.). Has this been completed? Yes No
- 16. Are you proposing a change in the place of use of your water right? Yes No
- 17. What is the last year of the plan approval period (the year the shortest WSP projection is made)? 2028

If answer to questions 7,8, 11, 14 and/or 15 is "yes," list who you sent the WSP to: Sent notice to City of Okanogan, Duck Lake Water Association, Sandflat Water Association, Suncrest Plat Water System, Aston Estates Water Association, and Coleman Butte Water Association. Sent plan amendment to Okanogan County planning department.

Is this plan: an Initial Submittal a Revised Submittal

Please enclose the following number of copies of the WSP:
3 copies for Northwest and Southwest Regional Offices **OR 2** copies for Eastern Regional Office (We will send one copy to Ecology)
1 additional copy if you answered "yes" to question 7. 2 Total copies attached

Please return completed form to the Office of Drinking Water regional office checked below.

- | | | |
|---|--|---|
| <input type="checkbox"/> Northwest Drinking Water Operations
Department of Health
20425 72 nd Avenue South, Suite 310
Kent, WA 98032-2358
253-395-6750 | <input type="checkbox"/> Southwest Drinking Water Operations
Department of Health
PO Box 47823
Olympia, WA 98504-7823
360-236-3030 | <input checked="" type="checkbox"/> Eastern Drinking Water Operations
Department of Health
16201 East Indiana Avenue Suite 1500
Spokane Valley, WA 99216
509-329-2100 |
|---|--|---|

For people with disabilities, this document is available on request in other formats. To submit a request, please call 1-800-525-0127 (TDD/TTY call 711).

CITY OF OMAK

2021 WATER SYSTEM PLAN AMENDMENT

The purpose of this report is to amend the City of Omak’s *Water System Plan (2018 Plan)* in order to accommodate a planned development located on property recently annexed into the City of Omak.

RELATED PLANS

The following planning and design documents were used in the preparation of this Amendment:

- *Water System Plan (2018 Plan)*, Gray & Osborne, Inc., 2018
- *Greater Omak Area Comprehensive Plan 2013 Update (Comprehensive Plan)*, Highlands Associates, updated June 3, 2019
- *Okanogan County Draft Comprehensive Plan*, October 2020
- *Meadow Point Housing* permit submittal/bid set, Housing Authority of Okanogan County, April 26, 2019

BACKGROUND

The proposed Meadow Point Housing development is located at 620 Oak Street North outside the City of Omak city limits and retail and existing service areas as shown on Figure 1-3 in the *2018 Plan*. The proposed development consists of 46 townhomes and single-story flats within 10 multi-unit dwellings.

The City annexed the proposed development property (Parcel #8851710100) into the City on January 21, 2020 (Ordinance No. 1887 in appendix). Construction of the proposed development is schedule for completion during Fall 2021.

Equivalent Residential Units and Water Demands

Equivalent Residential Units (ERUs) and water demands for the proposed development are shown in Tables 1 and 2, respectively.

TABLE 1

Equivalent Residential Units

Number of Connections⁽¹⁾	ERUs/Connection⁽²⁾	ERUs⁽³⁾
10	4.3	43

(1) One connection per building per Meadow Point Housing permit submittal/bid set, sheets C4.2 and C4.3.

(2) From Table 2-7 *2018 Plan* for apartment classification.

(3) ERUs = Number of Connections*ERUs/Connection.

TABLE 2

Water Demands

ADD⁽¹⁾ (gpd/ERU)	Annual Volume⁽²⁾ (ac-ft)	MDD⁽³⁾ (gpd/ERU)	PHD⁽⁴⁾ (gpd/ERU)	Max. Instant. Flow Rate⁽⁵⁾ (gpm)
413	20	1,115	1,896	57

(1) Average daily single-family residential consumption from page 2-10, *2018 Plan*.

(2) Annual volume = (43 ERUs*413 ADD)*365/(7.4805*43560).

(3) Maximum day demand = ADD*2.7 (MDD/ADD peaking factor from page 2-15, *2018 Plan*).

(4) Peak hour demand = 1,115 MDD*1.7 (PHD/ADD peaking factor from page 2-15, *2018 Plan*).

(5) Maximum instantaneous flow rate = (43 ERUs*1,896 PHD)/1440.

SERVICE AREA CHARACTERISTICS

Service Areas

Figure 1-3 (City Limits, UGA & Service Areas) from the City’s *2018 Plan* has been revised to include the recently annexed parcel for the proposed development and is presented as Figure 1. The City’s water rights place of use is defined as the area contained within the service area in accordance with WAC 246-290-107. Omak Municipal Code Section 9.04.14(e) prohibits additional water utility connections for locations outside the city water service area.

Zoning

Figure 1-4 (Zoning) from the *2018 Plan* has also been revised to include the recently annexed parcel for the proposed development and is presented as Figure 2. The majority of residential growth is anticipated to occur within the northeast city limits, with commercial and industrial growth centered along the major traffic routes through the city. County zoning for the surrounding Omak areas is shown on Figure 3.

Neighboring Water Purveyors

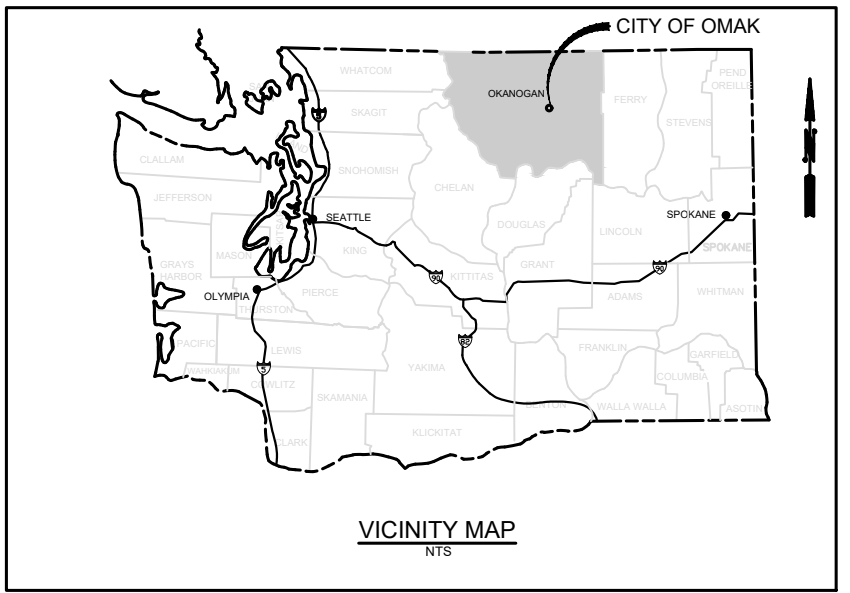
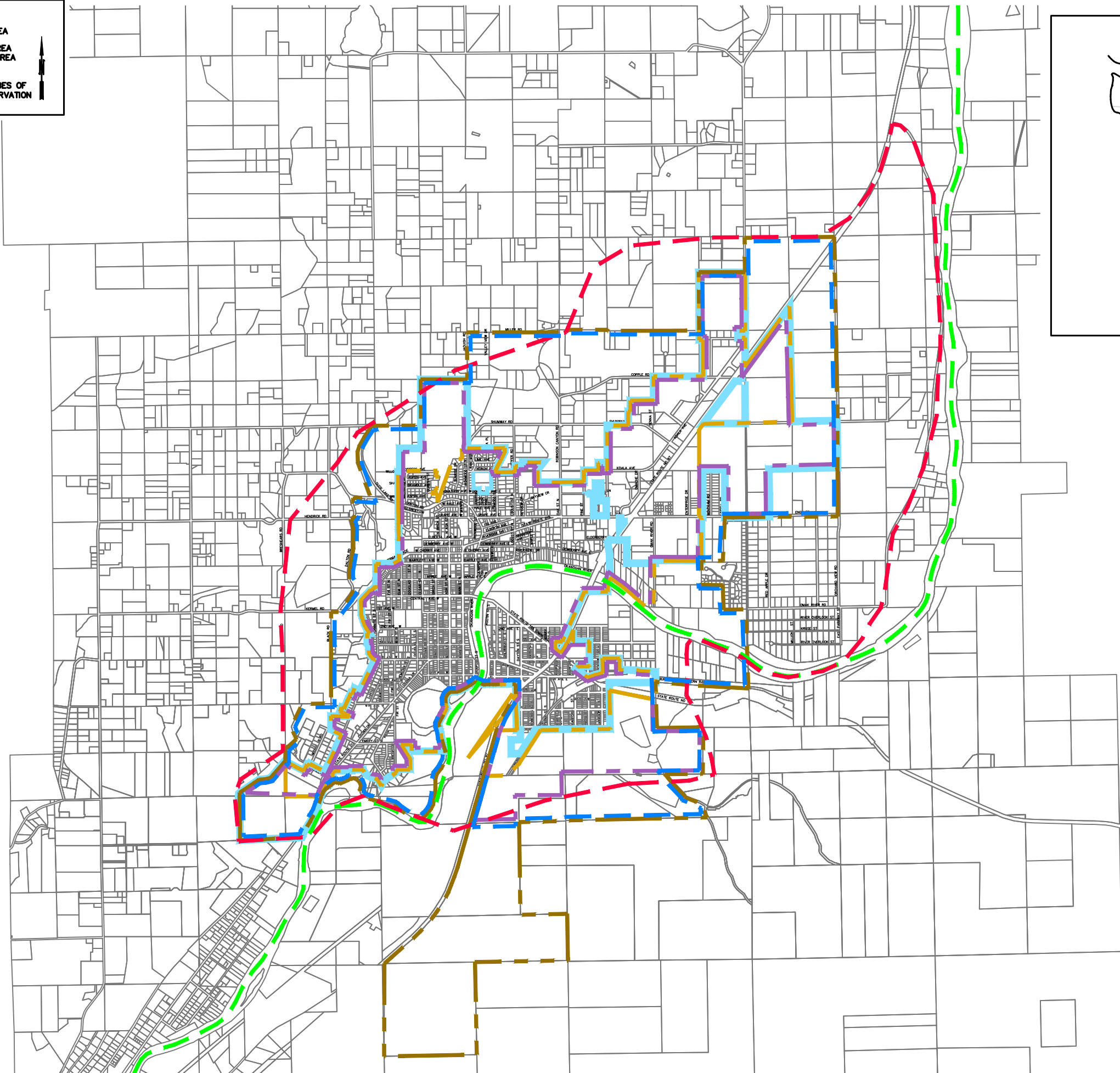
The City has six neighboring water purveyors:

- City of Okanogan (Group A Water System ID 63200)
- Duck Lake Water Association (Group A Water System ID 20200)
- Sandflat Water Association (Group A Water System ID 09064)
- Suncrest Plat Water System (Group A Water System ID 85207)
- Aston Estates Water Association (Group A Water System ID 09066)
- Coleman Butte Water Association (Group A Water System ID 13940)


The City of Omak has no water service area agreements with any of these neighboring purveyors at this time.

LEGEND

- RETAIL SERVICE AREA
- SERVICE AREA
- FUTURE SERVICE AREA
- EXISTING SERVICE AREA
- - - UGA
- CITY LIMITS
- - - CONFEDERATED TRIBES OF THE COLVILLE RESERVATION BOUNDARY 1"=1500'



CITY OF OMAK
2021 WATER SYSTEM PLAN AMENDMENT
FIGURE 1
CITY LIMITS, UGA & SERVICE AREAS












Gray & Osborne, Inc.
CONSULTING ENGINEERS

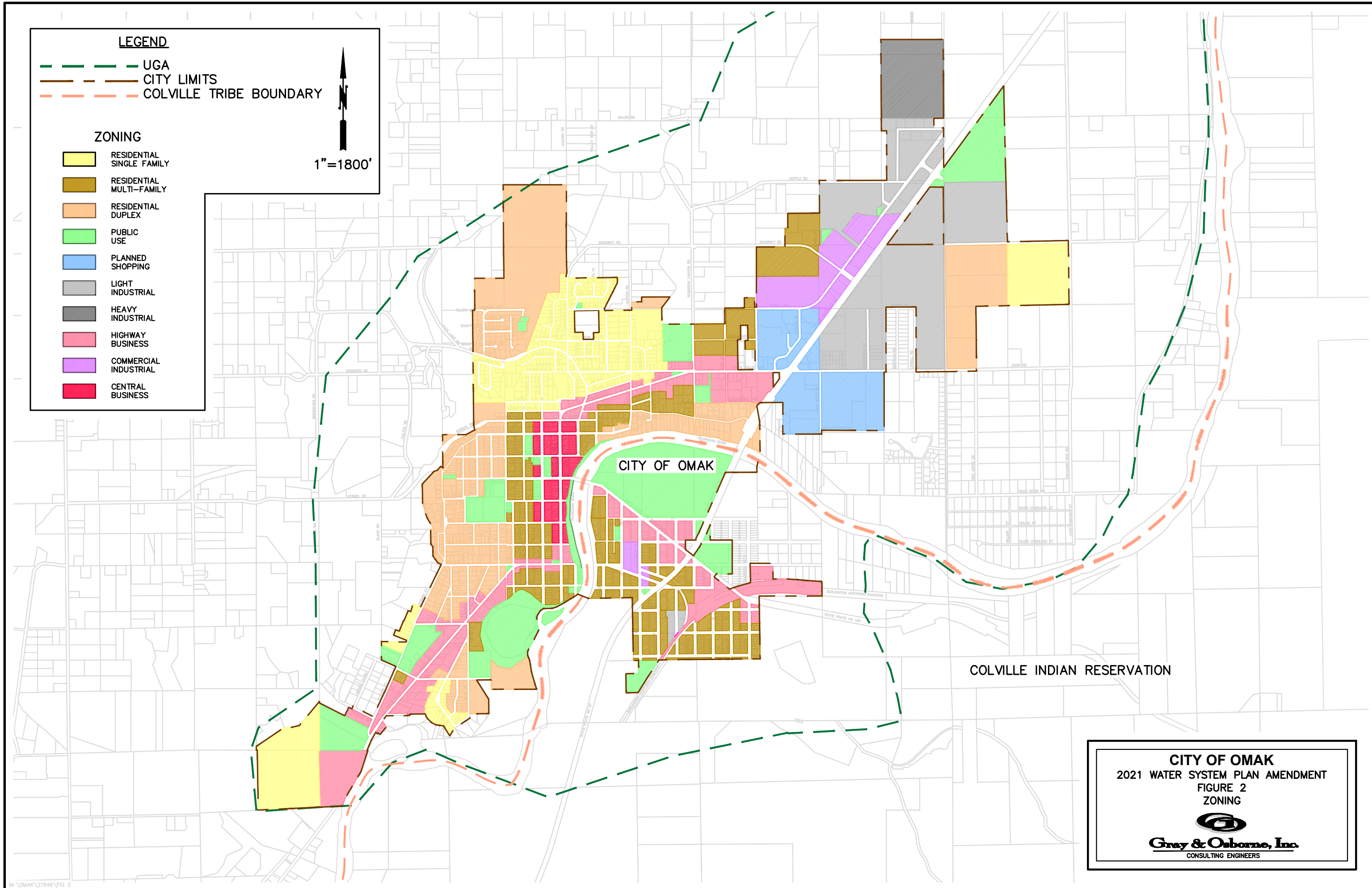
LEGEND

-  UGA
-  CITY LIMITS
-  COLVILLE TRIBE BOUNDARY



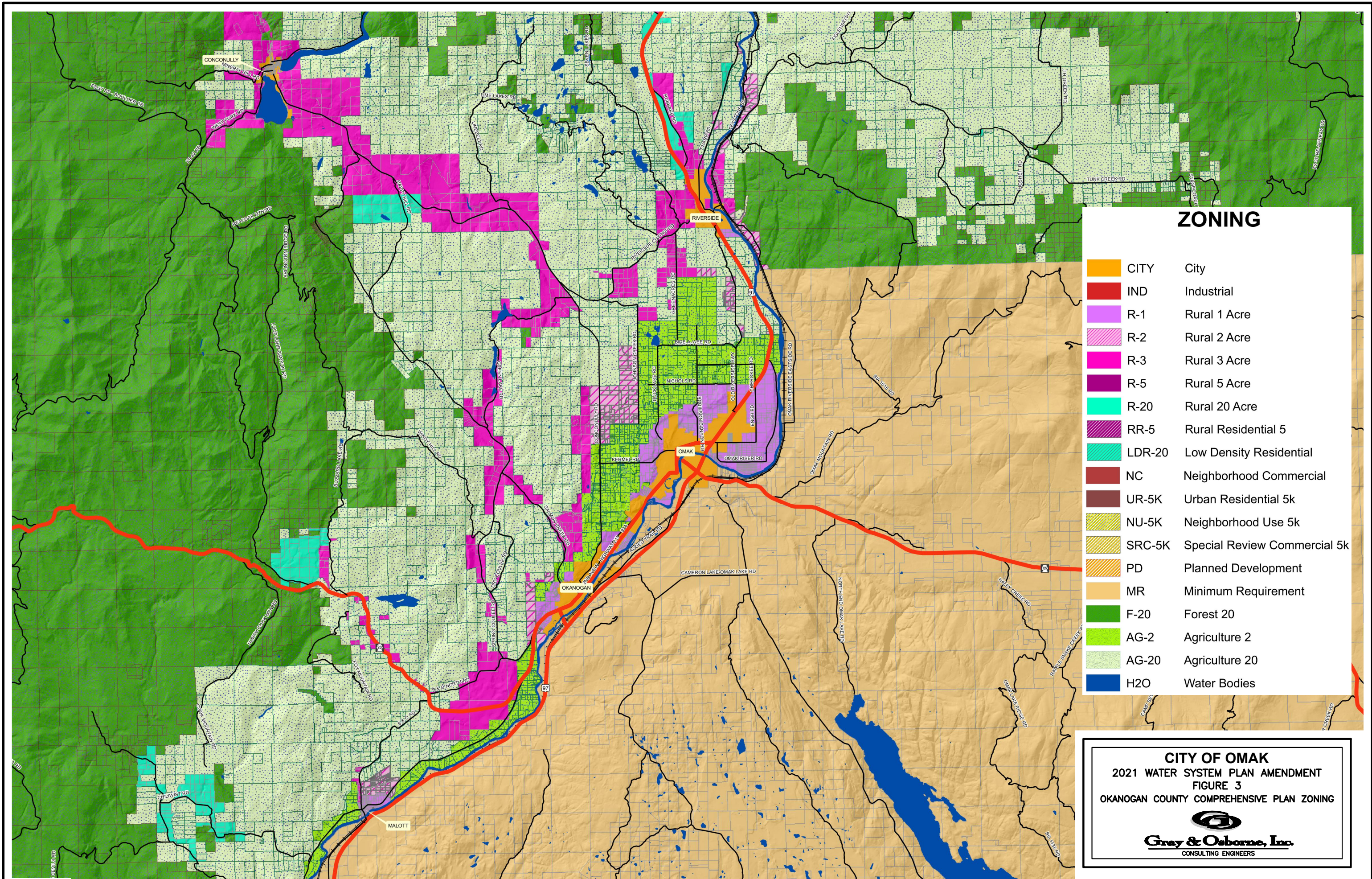
ZONING

-  RESIDENTIAL SINGLE FAMILY
-  RESIDENTIAL MULTI-FAMILY
-  RESIDENTIAL DUPLEX
-  PUBLIC USE
-  PLANNED SHOPPING
-  LIGHT INDUSTRIAL
-  HEAVY INDUSTRIAL
-  HIGHWAY BUSINESS
-  COMMERCIAL INDUSTRIAL
-  CENTRAL BUSINESS



CITY OF OMAK
2021 WATER SYSTEM PLAN AMENDMENT
FIGURE 2
ZONING





ZONING

- CITY City
- IND Industrial
- R-1 Rural 1 Acre
- R-2 Rural 2 Acre
- R-3 Rural 3 Acre
- R-5 Rural 5 Acre
- R-20 Rural 20 Acre
- RR-5 Rural Residential 5
- LDR-20 Low Density Residential
- NC Neighborhood Commercial
- UR-5K Urban Residential 5k
- NU-5K Neighborhood Use 5k
- SRC-5K Special Review Commercial 5k
- PD Planned Development
- MR Minimum Requirement
- F-20 Forest 20
- AG-2 Agriculture 2
- AG-20 Agriculture 20
- H2O Water Bodies

CITY OF OMAK
 2021 WATER SYSTEM PLAN AMENDMENT
 FIGURE 3
 OKANOGAN COUNTY COMPREHENSIVE PLAN ZONING



Gray & Osborne, Inc.
 CONSULTING ENGINEERS

Duty to Serve

The City's duty to serve remains unchanged from the *2018 Plan* and is provided herein.

Per RCW 43.20.260, the City has a duty to serve within its retail service area if a potential user approaches the City with a request for connection and the following threshold factors apply:

- The City has sufficient capacity to serve water in a safe and reliable manner.
- The service request is consistent with adopted local plans and development regulations.
- The City has sufficient water rights to provide service.
- The City can provide service in a timely and reasonable manner.

The Mayor and staff determine whether the request meets the above criteria, and make recommendations to the Planning Commission and the City Council.

Service Area Policies and Conditions of Service

Service area policies are addressed in the City's ordinances. These ordinances have been developed to be consistent with the City's *Comprehensive Plan* and with the City's development standards. Service area policies and definitions recommended by the Department of Health and those adopted by the City of Omak, as shown in Table 1-9 and in Appendix O of the *2018 Plan*, remain unchanged.

WATER RIGHTS

Chapter 3 of the *2018 Plan* contains a discussion of the City's municipal water rights, which are also summarized in the Water Rights Self Assessment tables for 2015 (Table 3-4a), 2027 projected (Table 3-4b), and 2037 projected (Table 3-4c) of the *2018 Plan*. Table 3-4a has been updated to 2021 based on projected growth discussed in the *2018 Plan* of 0.4% and is included in the appendix. Tables 3-4b (2027 projected) and 3-4c (2037 projected) have been revised to include the proposed development and are also included in the appendix. As shown in these tables, the City has sufficient water rights through the 10- and 20-year planning periods of the *2018 Plan* to provide for the City's anticipated water demands, including the proposed development.

MISCELLANEOUS DOCUMENTS

The City's Water Facilities Inventory has been revised to include the proposed development and is provided in the appendix along with notices to adjacent utility providers.

APPENDIX



Local Government Consistency Determination Form

Water System Name: City of Omak Water System PWS ID: 63750

Planning/Engineering Document Title: Water System Plan Amendment Plan Date: September 20, 2021

Local Government with Jurisdiction Conducting Review: City of Omak Planning

Before the Department of Health (DOH) approves a planning or engineering submittal under Section 100 or Section 110, the local government must review the documentation the municipal water supplier provides to prove the submittal is consistent with **local comprehensive plans, land use plans and development regulations** (WAC 246-290-108). Submittals under Section 105 require a local consistency determination if the municipal water supplier requests a water right place-of-use expansion. The review must address the elements identified below as they relate to water service.

By signing this form, the local government reviewer confirms the document under review is consistent with applicable local plans and regulations. If the local government reviewer identifies an inconsistency, he or she should include the citation from the applicable comprehensive plan or development regulation and explain how to resolve the inconsistency, or confirm that the inconsistency is not applicable by marking N/A. See more instructions on reverse.

Local Government Consistency Statement	For use by water system	For use by local government
	Identify the page(s) in submittal	Yes or Not Applicable
a) The water system service area is consistent with the adopted <u>land use and zoning</u> within the service area.	Figure 1	yes
b) The <u>growth projection</u> used to forecast water demand is consistent with the adopted city or county's population growth projections. If a different growth projection is used, provide an explanation of the alternative growth projection and methodology.	Unchanged from approved WSP	yes
c) For <u>cities and towns that provide water service</u> : All water service area policies of the city or town described in the plan conform to all relevant <u>utility service extension ordinances</u> .	1, 2	yes
d) <u>Service area policies</u> for new service connections conform to the adopted local plans and adopted development regulations of all cities and counties with jurisdiction over the service area.	1, 2	yes
e) <u>Other relevant elements</u> related to water supply are addressed in the water system plan, if applicable. This may include Coordinated Water System Plans, Regional Wastewater Plans, Reclaimed Water Plans, Groundwater Management Area Plans, and the Capital Facilities Element of local comprehensive plans.		yes

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Ken Mears
 Signature Ken Mears Public Works Dir.
 Printed Name, Title, & Jurisdiction

9-21-2021
 Date



Local Government Consistency Determination Form

Water System Name: City of Omak Water System PWS ID: 63750

Planning/Engineering Document Title: Water System Plan Amendment Plan Date: September 20, 2021

Local Government with Jurisdiction Conducting Review: Okanogan County Planning

Before the Department of Health (DOH) approves a planning or engineering submittal under Section 100 or Section 110, the local government must review the documentation the municipal water supplier provides to prove the submittal is consistent with **local comprehensive plans, land use plans and development regulations** (WAC 246-290-108). Submittals under Section 105 require a local consistency determination if the municipal water supplier requests a water right place-of-use expansion. The review must address the elements identified below as they relate to water service.

By signing this form, the local government reviewer confirms the document under review is consistent with applicable local plans and regulations. If the local government reviewer identifies an inconsistency, he or she should include the citation from the applicable comprehensive plan or development regulation and explain how to resolve the inconsistency, or confirm that the inconsistency is not applicable by marking N/A. See more instructions on reverse.

Local Government Consistency Statement	For use by water system	For use by local government
	Identify the page(s) in submittal	Yes or Not Applicable
a) The water system service area is consistent with the adopted <u>land use and zoning</u> within the service area.	Figure 1	YES
b) The <u>growth projection</u> used to forecast water demand is consistent with the adopted city or county's population growth projections. If a different growth projection is used, provide an explanation of the alternative growth projection and methodology.	Unchanged from approved WSP	YES
c) For <u>cities and towns that provide water service</u> : All water service area policies of the city or town described in the plan conform to all relevant <u>utility service extension ordinances</u> .	1, 2	YES
d) <u>Service area policies</u> for new service connections conform to the adopted local plans and adopted development regulations of all cities and counties with jurisdiction over the service area.	1, 2	YES
e) <u>Other relevant elements</u> related to water supply are addressed in the water system plan, if applicable. This may include Coordinated Water System Plans, Regional Wastewater Plans, Reclaimed Water Plans, Groundwater Management Area Plans, and the Capital Facilities Element of local comprehensive plans.		

I certify that the above statements are true to the best of my knowledge and that these specific elements are consistent with adopted local plans and development regulations.

Pete Palmer
Signature

9/29/2021
Date

PETE PALMER, DIRECTOR OKANOGAN COUNTY
Printed Name, Title, & Jurisdiction
WASHINGTON OFFICE OF
PLANNING & DEVELOPMENT

**TABLE 3-4a
Water Rights Self Assessment (2021)**

Permit Certificate or Claim #	Name of Rightholder or Claimant	Priority Date	Source Name/ Number	Primary/ Alternate	Existing Water Rights		Existing Water Use From Source		Current Water Right Status (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)
CG4-GWC445-D@1 ⁽¹⁾	Omak	12/1913	Kenwood/S03	Primary	500	600	0	0	+ 500	+ 600
CG4-GWC446-D@3 ⁽²⁾	Omak	3/1936	Apple/S02	Primary	800	96	0	0	+ 800	+ 96
CG4-GWC1082-D@1 ^(3, 4)	Omak	5/1944	Eastside/S01	Primary	1,630	1,430	1,255	135	+ 375	+ 1,295
CG4-GWC3655-A@1 ⁽⁵⁾	Omak	3/20/1958	Eastside/S01	Primary & Alt.	1,300	2,080 ⁽⁶⁾	1,300	640	+ 0	+ 1,440
CG4-GWC3656-A@1 ⁽²⁾	Omak	3/20/1958	Apple/S02	Primary & Alt.	375	600 ⁽⁷⁾	0	0	+ 375	+ 600
CG4-GWC7332-A@1 ⁽⁸⁾	Omak	7/19/1971	Okoma/S04	Primary & Alt.	600	560 ⁽⁹⁾	0	0	+ 600	+ 560
G4-31525P ⁽¹⁰⁾	Omak	11/23/1992	OWP #2/S07	Primary & Alt.	5,000	3,500	1,750	800	+ 3,250	+ 2,700
CG4-GWC 446-D@1 ⁽¹¹⁾	Omak	Dec-00	NE Omak/S08 ⁽¹¹⁾	Alternate	500	96	105	5	+ 395	+ 91
TOTAL DOMESTIC RIGHTS					10,205⁽¹²⁾	3,500⁽¹²⁾	4,410	1,580	+ 5,795	+ 1,920
Other City of Omak Water Rights										
6412-A ⁽¹³⁾	Omak	3/28/1968	Cemetery	Primary	70	24	70	23.6	+ 0	+ 0.4
6530-A ⁽¹⁴⁾	Omak	3/1968	E. Omak Pk./S06	Primary	400	185	300	0	+ 100	+ 185
G4-28244P	Omak	6/1983	E. Omak Pk./S06	Alternate	500	278	0	0	+ 500	+ 278
G4-81058JWRIS	Omak	10/9/1959	Airport	Primary	10	3	6	0.5	+ 4	+ 2.5

- (1) This certificate was originally authorized under Ground Water Declaration Claim No. 486 dated November 3, 1947. On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Eastside Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (2) This certificate was originally authorized under Ground Water Declaration Claim No. 488 dated December 15, 1947. On December 7, 2000, Ecology approved a Change Application authorizing the use of Well No. 9 under this certificate. On June 7, 2005 Ecology approved Change Application authorizing the use of the Kenwood Well, the Eastside Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 Ecology approved an Application for Water Right Change to add the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (3) This certificate was originally authorized under Ground Water Declaration Claim No. 489 dated March 11, 1958. On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Kenwood Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. On May 29, 2015 Ecology approved change application authorizing the use of proposed Julia Maley Park and Oak Street Wells and eliminated the proposed Hicks, Dean, and Powers wells under this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (4) The City of Omak has a permit in good standing with the Confederated Tribes of the Colville Reservation for this well.
- (5) On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Kenwood Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (6) The March 20, 1958 Report of Examination recommended limiting the withdrawal from this well to Qi of 1,300 gpm and Qa of 2,080 ac-ft/yr, and the City's total annual withdrawal to 3,500 ac-ft/yr.
- (7) The June 30th, 1960 certificate is for Qi of 375 gpm and Qa of 600 ac-ft/yr.
- (8) The July 19, 1971 certificate limits use of this right between May 1 and October 31.
- (9) The January 6, 1971 Report of Examination recommended limiting the annual quantity to 3,456 acre-feet per year for a population of 6,000.
- (10) The April 22, 1993 Report of Examination limited the total annual withdrawal from all sources to 3,500 acre-feet per year, and provides that this authorization is subject to availability of water in the Okanogan River. The June 7, 2005 Report of Examination notes that adding non-interruptable rights to this right "would, in essence, allow the City to pump from OWP No. 2 Well at times when they would historically have to shut it down. But, at times when the Okanogan River drops below minimum instream flows, the 5,000 gpm authorized under G4-31525 cannot be used."
- (11) Called Well No. 9 in Ecology's 2005 Reports of Examination.
- (12) The April 22, 1993 Report of Examination limited the maximum instantaneous withdrawal from all sources to 10,205 gpm, and the maximum annual withdrawal to 3,500 acre feet per year.
- (13) This primary right is for use at the City's cemetery only. It is not additive to the City's domestic rights, i.e., those rights associated with wells identified as points of withdrawal under the 2005 change applications.
- (14) Authorized the withdrawal of 500 gpm, 278 acre-feet per year from the East Omak Park Well, for the following purposes:
 - a. Irrigation of 90 acres from April 1 to October 1 (allocated 270 acre-feet per year with 180 acre-feet being alternate/non-additive to withdrawals under Certificate no. 6530).
 - b. Municipal supply from April 1 to October 1 (allocated 8 acre-feet with 5 acre-feet being alternative/non-additive to withdrawals under Certificate no. 6530)

**TABLE 3-4b
Water Rights Self Assessment (2027)**

Permit Certificate or Claim #	Name of Rightholder or Claimant	Priority Date	Source Name/ Number	Primary/ Alternate	Existing Water Rights		Forecasted Water Use From Sources (10-Year Demand)		Forecasted Water Right Status (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)
CG4-GWC445-D@1 ⁽¹⁾	Omak	12/1913	Kenwood/S03	Primary	500	600	0	0	+ 500	+ 600
CG4-GWC446-D@3 ⁽²⁾	Omak	3/1936	Apple/S02	Primary	800	96	0	0	+ 800	+ 96
CG4-GWC1082-D@1 ^(3, 4)	Omak	5/1944	Eastside/S01	Primary	1,630	1,430	1,422	185	+ 208	+ 1,245
CG4-GWC3655-A@1 ⁽⁵⁾	Omak	3/20/1958	Eastside/S01	Primary & Alt.	1,300	2,080 ⁽⁶⁾	1,300	640	+ 0	+ 1,440
CG4-GWC3656-A@1 ⁽²⁾	Omak	3/20/1958	Apple/S02	Primary & Alt.	375	600 ⁽⁷⁾	0	0	+ 375	+ 600
CG4-GWC7332-A@1 ⁽⁸⁾	Omak	7/19/1971	Okoma/S04	Primary & Alt.	600	560 ⁽⁹⁾	0	0	+ 600	+ 560
G4-31525P ⁽¹⁰⁾	Omak	11/23/1992	OWP #2/S07	Primary & Alt.	5,000	3,500	1,750	800	+ 3,250	+ 2,700
CG4-GWC 446-D@1 ⁽¹¹⁾	Omak	Dec-00	NE Omak/S08 ⁽¹¹⁾	Alternate	500	96	105	5	+ 395	+ 91
TOTAL DOMESTIC RIGHTS					10,205⁽¹²⁾	3,500⁽¹²⁾	4,577	1,630	+ 5,628	+ 1,870
Other City of Omak Water Rights										
6412-A ⁽¹³⁾	Omak	3/28/1968	Cemetery	Primary	70	24	70	23.6	+ 0	+ 0.4
6530-A ⁽¹⁴⁾	Omak	3/1968	E. Omak Pk./S06	Primary	400	185	300	0	+ 100	+ 185
G4-28244P	Omak	6/1983	E. Omak Pk./S06	Alternate	500	278	0	0	+ 500	+ 278
G4-81058JWRIS	Omak	10/9/1959	Airport	Primary	10	3	6	0.5	+ 4	+ 2.5

- (1) This certificate was originally authorized under Ground Water Declaration Claim No. 486 dated November 3, 1947. On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Eastside Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (2) This certificate was originally authorized under Ground Water Declaration Claim No. 488 dated December 15, 1947. On December 7, 2000, Ecology approved a Change Application authorizing the use of Well No. 9 under this certificate. On June 7, 2005 Ecology approved Change Application authorizing the use of the Kenwood Well, the Eastside Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 Ecology approved an Application for Water Right Change to add the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (3) This certificate was originally authorized under Ground Water Declaration Claim No. 489 dated March 11, 1958. On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Kenwood Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. On May 29, 2015 Ecology approved change application authorizing the use of proposed Julia Maley Park and Oak Street Wells and eliminated the proposed Hicks, Dean, and Powers wells under this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (4) The City of Omak has a permit in good standing with the Confederated Tribes of the Colville Reservation for this well.
- (5) On June 7, 2005 Ecology approved Change Application authorizing the use of the Apple Well, the Kenwood Well, the Okoma Well, and OWP No. 2 under this certificate. On August 11, 2005 approved an Application for Water Right Change to add Well No. 9, the Hicks Well, the Dean Well, and the proposed Powers Well to this certificate. The instantaneous withdrawals for all rights were limited to their original quantities.
- (6) The March 20, 1958 Report of Examination recommended limiting the withdrawal from this well to Qi of 1,300 gpm and Qa of 2,080 ac-ft/yr, and the City's total annual withdrawal to 3,500 ac-ft/yr.
- (7) The June 30th, 1960 certificate is for Qi of 375 gpm and Qa of 600 ac-ft/yr.
- (8) The July 19, 1971 certificate limits use of this right between May 1 and October 31.
- (9) The January 6, 1971 Report of Examination recommended limiting the annual quantity to 3,456 acre-feet per year for a population of 6,000.
- (10) The April 22, 1993 Report of Examination limited the total annual withdrawal from all sources to 3,500 acre-feet per year, and provides that this authorization is subject to availability of water in the Okanogan River. The June 7, 2005 Report of Examination notes that adding non-interruptable rights to this right "would, in essence, allow the City to pump from OWP No. 2 Well at times when they would historically have to shut it down. But, at times when the Okanogan River drops below minimum instream flows, the 5,000 gpm authorized under G4-31525 cannot be used."
- (11) Called Well No. 9 in Ecology's 2005 Reports of Examination.
- (12) The April 22, 1993 Report of Examination limited the maximum instantaneous withdrawal from all sources to 10,205 gpm, and the maximum annual withdrawal to 3,500 acre feet per year.
- (13) This primary right is for use at the City's cemetery only. It is not additive to the City's domestic rights, i.e., those rights associated with wells identified as points of withdrawal under the 2005 change applications.
- (14) Authorized the withdrawal of 500 gpm, 278 acre-feet per year from the East Omak Park Well, for the following purposes:
 - a. Irrigation of 90 acres from April 1 to October 1 (allocated 270 acre-feet per year with 180 acre-feet being alternate/non-additive to withdrawals under Certificate no. 6530).
 - b. Municipal supply from April 1 to October 1 (allocated 8 acre-feet with 5 acre-feet being alternative/non-additive to withdrawals under Certificate no. 6530)

**TABLE 3-4c
Water Rights Self Assessment (2037)**

Permit Certificate or Claim #	Name of Rightholder or Claimant	Priority Date	Source Name/ Number	Primary/ Alternate	Existing Water Rights		Forecasted Water Use From Sources (20-Year Demand)		Forecasted Water Right Status (Excess/Deficiency)	
					Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)	Maximum Instantaneous Flow Rate (Qi, gpm)	Maximum Annual Volume (Qa, ac-ft)
CG4-GWC445-D@1 ⁽¹⁾	Omak	12/1913	Kenwood/S03	Primary	500	600	0	0	+ 500	+ 600
CG4-GWC446-D@3 ⁽²⁾	Omak	3/1936	Apple/S02	Primary	800	96	0	0	+ 800	+ 96
CG4-GWC1082-D@1 ^(3, 4)	Omak	5/1944	Eastside/S01	Primary	1,630	1,430	1,602	255	+ 28	+ 1,175
CG4-GWC3655-A@1 ⁽⁵⁾	Omak	3/20/1958	Eastside/S01	Primary & Alt.	1,300	2,080 ⁽⁶⁾	1,300	640	+ 0	+ 1,440
CG4-GWC3656-A@1 ⁽²⁾	Omak	3/20/1958	Apple/S02	Primary & Alt.	375	600 ⁽⁷⁾	0	0	+ 375	+ 600
CG4-GWC7332-A@1 ⁽⁸⁾	Omak	7/19/1971	Okoma/S04	Primary & Alt.	600	560 ⁽⁹⁾	0	0	+ 600	+ 560
G4-31525P ⁽¹⁰⁾	Omak	11/23/1992	OWP #2/S07	Primary & Alt.	5,000	3,500	1,750	800	+ 3,250	+ 2,700
CG4-GWC 446-D@1 ⁽¹¹⁾	Omak	Dec-00	NE Omak/S08 ⁽¹¹⁾	Alternate	500	96	105	5	+ 395	+ 91
TOTAL DOMESTIC RIGHTS					10,205⁽¹²⁾	3,500⁽¹²⁾	4,757	1,700	+ 5,448	+ 1,800
Other City of Omak Water Rights										
6412-A ⁽¹³⁾	Omak	3/28/1968	Cemetery	Primary	70	24	70	23.6	+ 0	+ 0.4
6530-A ⁽¹⁴⁾	Omak	3/1968	E. Omak Pk./S06	Primary	400	185	300	0	+ 100	+ 185
G4-28244P	Omak	6/1983	E. Omak Pk./S06	Alternate	500	278	0	0	+ 500	+ 278
G4-81058JWRIS	Omak	10/9/1959	Airport	Primary	10	3	6	0.5	+ 4	+ 2.5

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WATER FACILITIES INVENTORY (WFI) FORM

ONE FORM PER SYSTEM

Quarter: 1
Updated: 04/21/2021

Printed: 9/15/2021
WFI Printed For: On-Demand
Submission Reason: Source Update

RETURN TO: Central Services - WFI, PO Box 47822, Olympia, WA, 98504-7822

1. SYSTEM ID NO. 63750 K	2. SYSTEM NAME OMAK CITY OF	3. COUNTY OKANOGAN	4. GROUP A	5. TYPE Comm
6. PRIMARY CONTACT NAME & MAILING ADDRESS COREY D. WILDER [CHIEF OPERATOR] PO BOX 72 OMAK, WA 98841		7. OWNER NAME & MAILING ADDRESS OMAK, CITY OF COREY D. WILDER PO BOX 72 OMAK, WA 98841 CHIEF OPERATOR		
STREET ADDRESS IF DIFFERENT FROM ABOVE ATTN ADDRESS 2 N ASH STREET CITY OMAK STATE WA ZIP 98841		STREET ADDRESS IF DIFFERENT FROM ABOVE ATTN ADDRESS 2 N ASH CITY OMAK STATE WA ZIP 98841		
9. 24 HOUR PRIMARY CONTACT INFORMATION		10. OWNER CONTACT INFORMATION		
Primary Contact Daytime Phone: (509) 826-1170		Owner Daytime Phone: (509) 826-1170		
Primary Contact Mobile/Cell Phone: (509) 322-4047		Owner Mobile/Cell Phone: (509) 322-4047		
Primary Contact Evening Phone: (509) 322-0844		Owner Evening Phone: (509) 322-4042		
Fax:	E-mail: water@omakcity.com	Fax: (509) 826-6531	E-mail: water@omakcity.com	
11. SATELLITE MANAGEMENT AGENCY - SMA (check only one)				
<input checked="" type="checkbox"/> Not applicable (Skip to #12) <input type="checkbox"/> Owned and Managed SMA NAME: _____ SMA Number: _____ <input type="checkbox"/> Managed Only <input type="checkbox"/> Owned Only				
12. WATER SYSTEM CHARACTERISTICS (mark all that apply)				
<input type="checkbox"/> Agricultural <input checked="" type="checkbox"/> Commercial / Business <input checked="" type="checkbox"/> Day Care <input checked="" type="checkbox"/> Food Service/Food Permit <input checked="" type="checkbox"/> 1,000 or more person event for 2 or more days per year <input checked="" type="checkbox"/> Hospital/Clinic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Licensed Residential Facility <input checked="" type="checkbox"/> Lodging <input checked="" type="checkbox"/> Recreational / RV Park <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> School <input type="checkbox"/> Temporary Farm Worker <input checked="" type="checkbox"/> Other (church, fire station, etc.): _____				
13. WATER SYSTEM OWNERSHIP (mark only one)				14. STORAGE CAPACITY (gallons)
<input type="checkbox"/> Association <input checked="" type="checkbox"/> City / Town <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Investor <input type="checkbox"/> Private <input type="checkbox"/> Special District <input type="checkbox"/> State				2,865,000

- SEE NEXT PAGE FOR A COMPLETE LIST OF SOURCES -

WATER FACILITIES INVENTORY (WFI) FORM - Continued

1. SYSTEM ID NO.	2. SYSTEM NAME	3. COUNTY	4. GROUP	5. TYPE
63750 K	OMAK CITY OF	OKANOGAN	A	Comm

	ACTIVE SERVICE CONNECTIONS	DOH USE ONLY! CALCULATED ACTIVE CONNECTIONS	DOH USE ONLY! APPROVED CONNECTIONS
25. SINGLE FAMILY RESIDENCES (How many of the following do you have?)		2162	2607
A. Full Time Single Family Residences (Occupied 180 days or more per year)	1480		
B. Part Time Single Family Residences (Occupied less than 180 days per year)	0		
26. MULTI-FAMILY RESIDENTIAL BUILDINGS (How many of the following do you have?)			
A. Apartment Buildings, condos, duplexes, barracks, dorms	103 113		
B. Full Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied more than 180 days/year	682 778		
C. Part Time Residential Units in the Apartments, Condos, Duplexes, Dorms that are occupied less than 180 days/year	0		
27. NON-RESIDENTIAL CONNECTIONS (How many of the following do you have?)			
A. Recreational Services and/or Transient Accommodations (Campsites, RV sites, hotel/motel/overnight units)	0	0	0
B. Institutional, Commercial/Business, School, Day Care, Industrial Services, etc.	312	312	0
28. TOTAL SERVICE CONNECTIONS		2474 2570	2607

29. FULL-TIME RESIDENTIAL POPULATION	
A. How many residents are served by this system 180 or more days per year?	4940

30. PART-TIME RESIDENTIAL POPULATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many part-time residents are present each month?												
B. How many days per month are they present?												

31. TEMPORARY & TRANSIENT USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. How many total visitors, attendees, travelers, campers, patients or customers have access to the water system each month?												
B. How many days per month is water accessible to the public?												

32. REGULAR NON-RESIDENTIAL USERS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A. If you have schools, daycares, or businesses connected to your water system, how many students, daycare children and/or employees are present each month that are NOT already included in the residential population?												
B. How many days per month are they present?												

33. ROUTINE COLIFORM SCHEDULE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
	6	6	6	6	6	6	6	6	6	6	6	6

34. NITRATE SCHEDULE	QUARTERLY	ANNUALLY	ONCE EVERY 3 YEARS
(One Sample per source by time period)			

35. Reason for Submitting WFI:

- Update - Change
 Update - No Change
 Inactivate
 Re-Activate
 Name Change
 New System
 Other _____

36. I certify that the information stated on this WFI form is correct to the best of my knowledge.	
SIGNATURE: _____ <i>Conley Wilder</i>	DATE: <u>9-21-21</u>
PRINT NAME: <u>Conley Wilder</u>	TITLE: _____



September 21, 2021

Mr. Loren Howell
Water System Manager and Assistant Public Works Superintendent
City of Okanogan Water Department
P.O. Box 752
Okanogan, Washington 98840

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Howell:

The purpose of this letter is to inform you that the City of Omak has available for your review a draft of their 2021 Water System Plan Amendment. If you would like a copy of the plan amendment, please contact David Ellis, P.E., Gray & Osborne, Inc., at (509) 453-4833 or by email at dellis@g-o.com.

Sincerely,

GRAY & OSBORNE, INC.

David G. Ellis, P.E.

DGE/hh

cc: Mr. Ken Mears, Public Works Director, City of Omak



September 21, 2021

Mr. Carl Behrent
Duck Lake Water Association
526 Ironwood Street
Omak, Washington 98841

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Behrent:

The purpose of this letter is to inform you that the City of Omak has available for your review a draft of their 2021 Water System Plan Amendment. If you would like a copy of the plan amendment, please contact David Ellis, P.E., Gray & Osborne, Inc., at (509) 453-4833 or by email at dellis@g-o.com.

Sincerely,

GRAY & OSBORNE, INC.

David G. Ellis, P.E.

DGE/hh

cc: Mr. Ken Mears, Public Works Director, City of Omak



September 21, 2021

Mr. Carl Behrent
Sandflat Water Association
526 Ironwood Street
Omak, Washington 98841

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Behrent:

The purpose of this letter is to inform you that the City of Omak has available for your review a draft of their 2021 Water System Plan Amendment. If you would like a copy of the plan amendment, please contact David Ellis, P.E., Gray & Osborne, Inc., at (509) 453-4833 or by email at dellis@g-o.com.

Sincerely,

GRAY & OSBORNE, INC.

David G. Ellis, P.E.

DGE/hh

cc: Mr. Ken Mears, Public Works Director, City of Omak



September 21, 2021

Mr. Douglas Hale
Suncrest Plat Water System
4 Norway Pines Drive
Tonasket, Washington 98855

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Hale:

The purpose of this letter is to inform you that the City of Omak has available for your review a draft of their 2021 Water System Plan Amendment. If you would like a copy of the plan amendment, please contact David Ellis, P.E., Gray & Osborne, Inc., at (509) 453-4833 or by email at dellis@g-o.com.

Sincerely,

GRAY & OSBORNE, INC.

David G. Ellis, P.E.

DGE/hh

cc: Mr. Ken Mears, Public Works Director, City of Omak



September 21, 2021

Mr. Carl Behrent
Aston Estates Water Association
526 Ironwood Street
Omak, Washington 98841

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Behrent:

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Sincerely,

GRAY & OSBORNE, INC.

David G. Ellis, P.E.

DGE/hh

cc: Mr. Ken Mears, Public Works Director, City of Omak



September 21, 2021

Mr. Carl Behrent
Coleman Butte Water Association
526 Ironwood Street
Omak, Washington 98841

SUBJECT: 2021 WATER SYSTEM PLAN AMENDMENT
CITY OF OMAK, OKANOGAN COUNTY, WASHINGTON
G&O #21846.00

Dear Mr. Behrent:

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cc: Mr. Ken Mears, Public Works Director, City of Omak