



# **Water Conservation Plan**

**2022**

**City of Portland, Texas**

## **City of Portland Water Conservation Plan**

### **Section 1. Introduction**

Water supply has always been a key issue in the development of Texas. In recent years, increasing population and economic development in Region N has led to growing demands for water. Since additional water supplies will be expensive and difficult to develop, it is important that we efficiently use existing supplies to ensure they last as long as possible. This approach will help delay the need for new supplies, minimize the environmental impacts associated with developing new supplies, and delay the high cost of developing additional water supplies.

Recognizing the need for efficient use of existing water supplies, the Texas Water Development Board (TWDB) developed guidelines and requirements governing the development of water conservation and plans for public water suppliers. The TWDB guidelines and requirements for water suppliers are included in Appendix A. The City of Portland has adopted this Water Conservation Plan (WCP) in accordance with these guidelines and requirements. The WCP has also been prepared in accordance Title 31, Rule §363.15 for Municipal Uses by Public Water Suppliers. This plan applies to all City of Portland water customers and will be updated at least every five (5) years to account for changes in water usage due to growth in the customer base.

### **Section 2. Declaration of Objectives and Reason**

The objectives of the water conservation plan are to:

- reduce per capita water consumption
- reduce the loss and waste of water
- improve water use efficiency
- extend the life of current water supplies by reducing the rate of growth in demand.
- minimize adverse impacts of water supply shortages or other water-supply emergency conditions.

### **Section 3. Utility Profile**

- a. The City of Portland is located within San Patricio County and fronts both Corpus Christi and Nueces Bays. The Portland City limit is contiguous to the City of Corpus Christi, Texas and encompasses 9,586 acres of land. The City is connected with other large cities in the State by two major highways: U.S. Highway 181 and Texas State Highway 35.
- b. The service area of the City of Portland is located within the Coastal Bend Regional Water Planning Area (Region N).
- c. Water System Description
  - i. The San Patricio Municipal Water District (SPMWD) supplies all the water used in Portland.
  - ii. SPMWD can supply the City with treated water either purchased from the City

- of Corpus Christi or directly from the SPMWD water treatment plant, which is located approximately three miles from Portland on Texas State Highway 361. SPMWD can supply a total of 3,150 gallons per minute to Portland's receiving points.
- iii. Portland has two separate receiving points, the County Road 72 Pump Station, and the Wildcat Drive Pump Station. Each of these pump stations consists of a one-million-gallon ground storage tank and service pumps. The pumping capacity for County Road 72 Pump Station is 2,200 gallons per minute and the pumping capacity for the Wildcat Drive Pump Station is 3,500 gallons per minute. These two stations pump into the distribution system, which is comprised of two one half million-gallon elevated storage tanks that distribute water through a system of 2" through 16" water mains to end users.
  - d. Baseline Evaluation of Water and Wastewater Utility System and Customer Use:
    - i. Population and Service Area: The City of Portland's most current population estimate is 23,046. Projections show that the City's population will continue to grow, with the population estimated to be approximately 27,600 by 2030. The population of Portland is projected to increase at an average rate of approximately 2.5% per year. The current water service area is provided in Appendix B.
    - ii. Water Utility System and Water Usage: As of December 2021, the City of Portland served 9,751 connections. Residential customers comprise approximately 95% of the total connections and 73% of the total yearly consumption. More detailed water and wastewater utility data is found in Appendix C. (Utility Profile for Retail Water Supplier).

#### **Section 4. Water Conservation Coordinator**

The Water Conservation Coordinator will be the Director of Public Works for the City of Portland, or his or her designee.

#### **Section 5. Five Year and Ten Year Goals**

- a. Water Conservation Goals: In 2015, the City's conservation goal was to maintain consumer water usage below 100 gallons per capita per day (gpcd). Portland has accomplished this goal by continuing to improve metering devices, maintaining meters effectively, and promoting public education. The City will continue achieving this goal through public education, water line rehabilitation projects, leak detection and elimination programs, development ordinances requiring drought tolerant landscaping, continue non-promotional rate structures, and increasing efforts towards meter testing and maintenance.
- b. Future Conservation Goals: The City's goal for 2022 through 2032 is to continue to remain at a water use of under 100 gpcd. Portland's 5-year and 10-yr goals for total gpcd, residential gpcd, water loss, and water loss percentages are summarized in Appendix D. To maintain or reduce these levels, the City will continue to improve metering devices and meter maintenance, increase the efficiency of operational water uses, continue to implement a non-promotional rate

structure, and will increase public education.

- c. **Tracking Targets and Goals:** Portland will continue to track the implementation and effectiveness of the plan by completing Utility Profile, Water Audit, and Water Conservation Plan reports annually. Portland will also complete an annual Water Use Survey. Information from these reports is tracked over time to identify trends and evaluate the impacts of weather patterns on consumption. Completion of the reports outlined above will ensure goals and targets are tracked and evaluated for effectiveness annually. Staff will adjust programs and strategies as needed to meet long term conservation goals.

## **Section 6. Implementation and Enforcement**

The City Manager, or his/her designee, is authorized by ordinance to implement and enforce the Water Conservation Program. The City Manager, or his/her designee, oversees the program and is responsible for keeping adequate records for program verification.

Components of the Implementation Plan include:

- a. **Production meters:** The City has production meters that measure and account for water entering the system from the receiving points.
- b. **Metering Program:** The City of Portland provides metering for all customer and public uses and has several measures to determine and control unaccounted-for uses of water. The City is using INCODE Utility Billing software from Tyler Technologies in conjunction with software from Mueller Systems, LLC, called EZ Reader. Our Automated Meter Reading (AMR) meters and hardware are from Mueller Systems, LLC. Monthly readings are done via a laptop software application called EZ Mobile by Mueller Systems. The software provides data that is used to indicate possible leaks, abnormal usage, and zero consumption for active meters. City staff perform inspections for all meters producing readings that look abnormal. A regularly scheduled maintenance program of meter repair and replacement is also in place. The program requires production (master) meters and meters larger than 1" to be tested once a year. Meters 1 inch or smaller are tested or replaced approximately once every ten (10) years.
- c. **Documentation of operational uses:** City personnel are required to document and report water consumed for operational purposes such as:
  - Fire Fighting
  - Flushing
  - Street Sweeping
  - Sewer Jetting
- d. **Controlling water losses through water main breaks and leaks:** All City employees and residents are encouraged to report any possible leaks to Public

Works or through a 24-hour dispatch line. The city has 24-hour standby crews to respond to water main breaks. City crews also conduct periodic visual assessments of distribution lines and assess monthly water usage data to determine if leaks may be present. All discovered leaks are repaired immediately to ensure water loss is minimal and system water pressure is maintained. Leak discovery and repair activities are tracked as they occur and are reported on a weekly basis. Water losses are generally minimized using valve and pipe maps and a Geographical Information System.

- e. Public Education and Information: The City of Portland promotes water conservation by providing information about water conservation to new customers. This information addresses water uses both inside and outside the home. The City also provides a water conservation web page and promotes water conservation through various social media channels. Local media coverage of water conservation issues and the importance of water conservation is strongly encouraged.
- f. Non-promotional water rate structure: The City of Portland enacted Ordinance No. 2207 (Appendix E) on January 21, 2020 that established water rates that are related to conservation. For example, the current residential rate is \$17.93 plus an additional charge of \$3.93 per thousand gallons for the first 13,000 gallons, \$3.99 per thousand for the next 12,000 gallons and \$4.23 per thousand for the next 15,000 gallons. The rates then escalate to \$4.55 per thousand gallons for usage above 40,000 gallons. Although the base charge for commercial meters is higher than the residential base charge, the volume charge for commercial and residential customers is the same.
- g. Water Recycling and Reuse program: The City's Wastewater Treatment Plant has used treated effluent for injection of chlorination and de-chlorination chemicals since 2008. This approach saves approximately 10,500,000 gallons of potable water annually.

The Water Conservation Plan is enforced by the following methods:

- a. The City Council adopted an ordinance supporting the Plan and its goals,
- b. The water rate structure is adopted annually by ordinance, and
- c. The building inspector ensures that new construction meets plumbing codes, which includes requirements for water efficient fixtures.

## **Section 6. Adoption**

The original Water Conservation Plan was adopted in November 1984 and was amended in January 1995. The WCP was amended again in May 2009 in conjunction with the City of Portland Code of Ordinances, Article III, Division 1, Section 23-111. The Water Conservation Plan was revised and adopted on December 1, 2015 and revised and adopted again on July 19, 2022. The delay in filing was due to staff turnover and operational disruptions caused by the Covid pandemic.

## **Section 7. Reporting and Notification Requirements**

The updates to the Water Conservation Plan Annual Report (TWDB Form No. 1969) and the Utility Profile for Retail Water Supplier (TWDB-1965R) shall be the responsibility of the Director of Public Works. The Utility Profile for Retail Water Supplier shall be considered a cohesive part of the WCP and shall be updated annually. The City has provided a copy of this WCP to the Region N Water Planning Group and the Texas Water Development Board.

Appendix A: Current Water Service Area

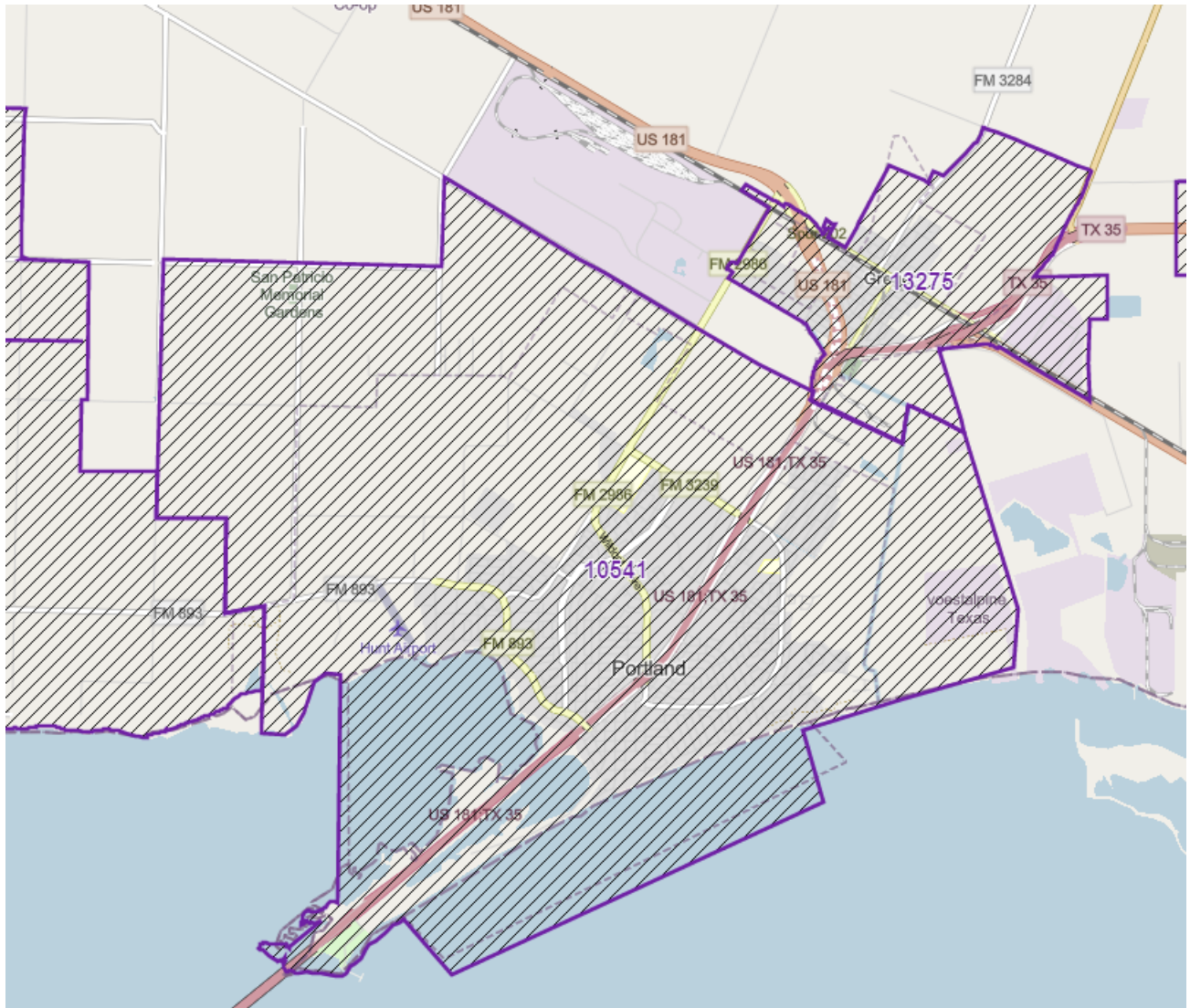
Appendix B: Utility Profile for Retail Water Supplier

Appendix C: Ordinance No. 2207 Water Rate Structure

Appendix D: Water Conservation Plan 5- and 10-Year Goals for Water Savings

Appendix E: Water Conservation Plan Ordinance

**Appendix A. Water Service Area: Certificate of Convenience and Necessity No. 10541**



**Appendix . Utility Profile for Retail Water Supplier**

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### CONTACT INFORMATION

Name of Utility:

Public Water Supply Identification Number (PWS ID):

Certificate of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name:  Last Name:

Title:

Address:  City:  State:

Zip Code:  Zip+4:  Email:

Telephone Number:  Date:

Is this person the designated Conservation Coordinator?  Yes  No

Regional Water Planning Group:

Groundwater Conservation District:

Our records indicate that you:

- Received financial assistance of \$500,000 or more from TWDB
- Have 3,300 or more retail connections
- Have a surface water right with TCEQ

#### A. Population and Service Area Data

1. Current service area size in square miles:



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. Historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Water Service
2021	23,046	0	23,046
2020	22,595	0	22,595
2019	22,151	0	22,151
2018	21,600	0	21,600
2017	20,400	0	20,400

3. Projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Water Service
2030	27,600	0	27,600
2040	32,400	0	32,400
2050	38,900	0	38,900
2060	46,700	0	46,700
2070	50,000	0	50,000

4. Described source(s)/method(s) for estimating current and projected populations.

historical trend analysis
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## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### B. System Input

System input data for the previous five years.  
 Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2021	0	724,791,000	0	724,791,000	86
2020	0	781,260,219	0	781,260,219	95
2019	0	722,515,842	0	722,515,842	89
2018	0	714,453,294	0	714,453,294	91
2017	0	718,250,749	0	718,250,749	96
Historic Average	0	730,818,991	0	730,818,991	91.46800156

### C. Water Supply System

- 1. Designed daily capacity of system in gallons
- 2. Storage Capacity
  - 2a. Elevated storage in gallons:
  - 2b. Ground storage in gallons:

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### D. Projected Demands

1. The estimated water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demand (gallons)
2022	24,668	790,183,681
2023	24,319	811,913,732
2024	24,988	834,241,359
2025	25,675	857,182,997
2026	26,381	880,755,529
2027	27,107	904,976,306
2028	27,852	929,863,155
2029	28,618	955,434,391
2030	29,405	981,708,837
2031	30,214	1,008,705,830

2. Description of source data and how projected water demands were determined.

Portland's historical average is 2.5% annual growth. This model adjusts to 2.75% from 2023 on due to more rapid growth currently and expected in the future. Multiplied population by 5 YR avg. gpcd to give demand.

### E. High Volume Customers

None

### F. Utility Data Comment Section

Additional comments about utility data.

None

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### Section II: System Data

#### A. Retail Water Supplier Connections

1. List of active retail connections by major water use category.

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	9,174	93.59 %
Residential - Multi-Family	104	1.06 %
Industrial	0	0.00 %
Commercial	381	3.89 %
Institutional	92	0.94 %
Agricultural	51	0.52 %
<b>Total</b>	<b>9,802</b>	<b>100.00 %</b>

2. Net number of new retail connections by water use category for the previous five years.

Year	Net Number of New Retail Connections						Total
	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	
<b>2021</b>	67	0	0	10	0	0	77
<b>2020</b>	115	0	0	17	0	0	132
<b>2019</b>	74	1	0	6	0	0	81
<b>2018</b>	15	0	0	9	0	0	24
<b>2017</b>	94	33	0	3	0	0	130

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### B. Accounting Data

The previous five years' gallons of RETAIL water provided in each major water use category.

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2021	382,832,600	85,286,700	0	95,553,300	23,789,400	54,735,400	642,197,400
2020	431,834,300	89,920,100	0	82,315,000	27,559,100	62,883,100	694,511,600
2019	401,031,700	86,361,100	0	100,235,000	27,584,600	37,626,700	652,839,100
2018	414,037,100	90,160,000	0	95,504,900	33,189,500	42,947,700	675,839,200
2017	430,372,200	82,397,800	0	83,451,100	32,280,100	49,739,400	678,240,600

### C. Residential Water Use

The previous five years residential GPCD for single family and multi-family units.

Year	Total Residential GPCD
2021	58
2020	58
2019	58
2018	64
2017	69
Historic Average	61.4

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### D. Annual and Seasonal Water Use

1. The previous five years' gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Water				
	2021	2020	2019	2018	2017
January	57,732,000	50,893,000	49,042,000	54,594,000	51,426,000
February	62,585,000	44,866,000	43,325,000	45,537,000	44,686,000
March	63,976,000	61,000,000	52,313,000	55,279,000	51,345,000
April	62,348,000	67,563,000	52,950,000	58,765,000	53,626,000
May	48,024,000	72,518,000	56,119,000	78,545,000	68,426,000
June	66,548,000	60,853,000	60,348,000	76,535,000	60,853,000
July	58,209,000	71,630,000	80,535,000	68,338,000	73,616,000
August	74,757,000	76,725,000	98,627,000	80,382,000	86,517,000
September	63,615,000	67,609,000	64,445,000	56,223,000	61,846,000
October	54,578,000	72,810,000	63,935,000	52,840,000	60,979,000
November	60,063,000	70,628,000	52,680,000	50,143,000	51,655,000
December	52,356,000	61,732,000	52,253,000	50,086,000	53,958,000
<b>Total</b>	<b>724,791,000</b>	<b>778,827,000</b>	<b>726,572,000</b>	<b>727,267,000</b>	<b>718,933,000</b>

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The previous five years' gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Water				
	2021	2020	2019	2018	2017
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
<b>Total</b>					

N/A We do not provide raw water.

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2021	199,514,000	724,791,000
2020	209,208,000	778,827,000
2019	239,510,000	726,572,000
2018	225,255,000	727,267,000
2017	220,986,000	718,933,000
<b>Average in Gallons</b>	218,894,600	735,278,000

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### E. Water Loss

Water Loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2021	73,745,115	8.77	10.17 %
2020	81,159,299	9.84	10.39 %
2019	64,087,422	7.93	8.87 %
2018	28,516,248	3.62	3.99 %
2017	29,232,635	3.93	4.07 %
<b>Average</b>	<b>55,348,144</b>	<b>6.824</b>	<b>7.50 %</b>

### F. Peak Day Use

Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2021	1,985,728	2,168,630	1.0921
2020	2,133,772	2,274,000	1.0657
2019	1,990,608	2,603,369	1.3078
2018	1,992,512	2,448,423	1.2288
2017	1,969,679	2,402,021	1.2195

### G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	412,021,580	93.59 %	61.61 %
Residential - Multi-Family	86,825,140	1.06 %	12.98 %
Industrial	0	0.00 %	0.00 %
Commercial	91,411,860	3.89 %	13.67 %
Institutional	28,880,540	0.94 %	4.32 %
Agricultural	49,586,460	0.52 %	7.42 %



## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### H. System Data Comment Section

No Comments

### Section III: Wastewater System Data

#### A. Wastewater System Data

- Design capacity of wastewater treatment plant(s) in gallons per day: 2,500,000
- List of active wastewater connections by major water use category.

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	5,991		5,991	100.00 %
Industrial			0	0.00 %
Commercial			0	0.00 %
Institutional			0	0.00 %
Agricultural			0	0.00 %
<b>Total</b>	5,991		5,991	100.00 %

- Percentage of water serviced by the wastewater system: 99.50 %

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

4. Number of gallons of wastewater that was treated by the utility for the previous five years.

Month	Total Gallons of Treated Water				
	2021	2020	2019	2018	2017
January	55,321,010	43,780,050	46,090,570	46,151,020	39,930,180
February	43,514,490	40,574,890	43,860,890	39,853,660	37,589,480
March	46,843,040	44,640,880	45,348,780	45,852,590	46,954,890
April	47,748,220	43,019,160	46,345,980	43,366,510	40,988,290
May	70,012,510	50,146,840	51,941,150	46,443,320	43,951,510
June	52,719,580	52,999,050	49,116,700	54,226,090	43,472,690
July	70,699,420	51,997,460	47,531,780	49,561,550	44,403,620
August	55,108,360	49,300,370	48,874,420	47,890,370	40,575,200
September	51,001,800	47,692,380	48,535,360	68,619,270	50,451,910
October	57,178,061	46,985,020	45,496,080	54,423,610	48,467,510
November	46,238,512	44,838,150	42,864,440	47,796,980	43,832,320
December	47,331,696	45,834,500	46,274,920	44,988,500	45,247,600
<b>Total</b>	<b>643,716,699</b>	<b>561,808,750</b>	<b>562,281,070</b>	<b>589,173,470</b>	<b>525,865,200</b>

5. Could treated wastewater be substituted for potable water?

Yes    
  No

### B. Reuse Data

1. Data by type of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site Irrigation	
Plant wash down	
Chlorination/de-chlorination	10,500,000
Industrial	
Landscape irrigation (park, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation Pond	
Other	
<b>Total</b>	<b>10,500,000</b>

## UTILITY PROFILE FOR RETAIL WATER SUPPLIER

### C. Wastewater System Data Comment

Additional comments and files to support or explain wastewater system data listed below.

None

Appendix C. Ordinance No. 2207: Water Rate Structure

**ORDINANCE NO. 2207**

**AN ORDINANCE AMENDING THE CODE OF ORDINANCES; INCREASING THE RATES CHARGED FOR WATER SERVICE; INCREASING THE RATES CHARGED FOR WASTEWATER SERVICE; PROVIDING FOR THE REPEAL OF ORDINANCES IN CONFLICT HERewith; PROVIDING A SEVERABILITY CLAUSE; ESTABLISHING A PENALTY FOR VIOLATIONS AND SPECIFICALLY NEGATING A REQUIREMENT OF A CULPABLE MENTAL STATE; PROVIDING AND ESTABLISHING AN EFFECTIVE DATE; AND PROVIDING FOR PUBLICATION**

**WHEREAS** the City of Portland operates a water and wastewater utility system to provide essential services to the residents of Portland and certain areas of our extraterritorial jurisdiction; and,

**WHEREAS** the debt generated by capital projects, along with the maintenance and operations, must be supported sufficiently by utility rates; and

**WHEREAS** the costs of increased investment in capital projects must be recovered through appropriate utility rate increases to ensure financial health and the integrity of the system; and

**WHEREAS** the San Patricio Municipal Water District has increased rates for water sold to the City of Portland; and

**WHEREAS** the City Council previously enacted Ordinance No. 896 which provides that all increases and decreases in the cost of water purchased from San Patricio Municipal Water District shall be passed through to the customer of the City of Portland's water system; and

**WHEREAS** both the increase from San Patricio Municipal Water District, and the cost of increased investments in capital projects should be recovered through appropriate utility rate increases to insure financial health and the integrity of the utility system; and

**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PORTLAND, TEXAS:**

**SECTION 1:** That Chapter 23, Article II, Section 23-41(a)(4), Table 1 of the Code of Ordinances of the City of Portland is hereby amended to read as follows:

**Table 1. Water and Wastewater Minimum Base Charges**

**Meter Size**

**WATER**

**WASTEWATER**

<b>Residential</b>	.0625 inch to 2.0 inch	\$17.93	\$42.93
<b>Commercial</b>	.0625 inch to .75 inch	\$21.06	\$52.01
	1.0 inch	\$27.23	\$69.16
	1.5 inch	\$42.59	\$111.99
	2.0 inch	\$61.05	\$163.38
	3.0 inch	\$104.14	\$283.33
	4.0 inch	\$165.70	\$454.70
	6.0 inch	\$319.58	\$883.07

Raw Water accounts, any meter size, will have a minimum monthly charge of \$165.13.

**SECTION 2:** That Chapter 23, Article II, Division 2, Section 23-41(b) is hereby amended to read as follows:

(b) New "master meter" systems (where many entities or units are served through one meter) shall only be allowed with prior written approval of the city manager and finance director. All "master meter" systems for apartments, multi-family units and commercial entities shall be charged a monthly minimum rate of thirty-two dollars and twenty-four cents (\$32.24) for water (plus usage as outlined in Table 3). Apartment complexes (5 units and up) and commercial accounts on master meters will be charged a per-unit charge of twenty-nine dollars and sixty cents (\$29.60) for wastewater (plus usage as outlined in Section 23-42). Multi-family units of 2 to 4 units will be charged forty-three dollars and forty-seven cents (\$43.47) per unit for wastewater (plus usage as outlined in Section 23-42). The per-unit charges will not vary based on occupancy of the unit. Minimum solid waste service for master metered units shall be established by the city, based on a projected volume of waste.

**SECTION 3:** That Chapter 23, Article II, Division 2, Section 23-42(a) is hereby amended to read as follows:

(a) Water. Water usage (per metered connection) for each one thousand (1,000) gallons or part thereof shall be billed as stated in Table 3.

**Table 3. Water Usage Charges per Thousand Gallons**

	<b>Potable Water</b>	<b>Raw Water</b>
0 to 13,000	\$3.93	\$4.18
13,001 to 25,000	3.99	4.18
25,001 to 40,000	4.23	4.18
40,001 and up	4.55	4.18

(b) Wastewater. All residential customers shall be charged a wastewater discharge usage fee of one dollar and fifty-three cents (\$1.53) per one thousand (1,000) gallons of average monthly consumption. The average monthly consumption is defined as either the system-wide single-family residential average or the specific single-family residential location average for the previous months of December, January, and February. Commercial

customers shall be charged a wastewater discharge usage fee of one dollar and fifty-three cents (\$1.53) per one thousand (1,000) gallons of actual usage each month.

**SECTION 4. REPEALER:**

All previously adopted rules, regulations, policies, and ordinances in conflict with this Ordinance are hereby repealed.

**SECTION 5. SEVERABILITY**

If any provision, section, clause or phrase of this Ordinance, or the application of same to any person or set of circumstances is, for any reason held to be unconstitutional, void or invalid, the validity of the remaining portions of this Ordinance shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof, or provisions or regulations contained herein, shall become inoperative or fail by reason of any unconstitutionality of any other portion hereof, and all provisions of this Ordinance are declared severable for that purpose.

**SECTION 6. PENALTY**

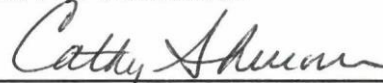
Any person who violates this Ordinance shall be guilty of a misdemeanor and, upon conviction thereof, shall be subject to a fine not exceeding five hundred dollars (\$500.00). Each and every day that a violation of this Ordinance occurs shall constitute a separate offense. The culpable mental state required by Chapter 6.02, Texas Penal Code, is specifically negated and dispensed with and a violation is a strict liability offense.

**SECTION 7. PUBLICATION AND EFFECTIVE DATE**

This Ordinance shall be published after second reading hereof by publishing the caption thereof in the official newspaper with a statement the public may view the Ordinance in the Office of the City Secretary. This Ordinance shall be in full force and effect after passage and publication.

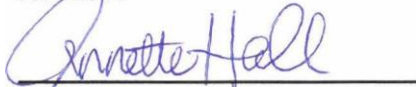
PASSED and APPROVED this the 21st day of January, 2020.

CITY OF PORTLAND



Cathy Skurrow  
Mayor

ATTEST:



Annette Hall  
City Secretary



**Appendix D. Water Conservation Plan 5- and 10-Year Goals for Water Savings**

Water Conservation Plan Goals Table  
 TWDB Form No. 1964  
 Title 31 TAC Chapter 363, Rule §363.15 (B)



**WATER CONSERVATION PLAN  
 5- AND 10-YR GOALS FOR WATER SAVINGS**

Name: City of Portland

Water Conservation Plan Year: 2022

	Historic 5-yr Average	Baseline*	5-yr Goal for year <u>2027</u>	10-yr Goal for year <u>2032</u>
Total (GPCD) <sup>1</sup>	91	100	88	84
Residential (GPCD) <sup>2</sup>	62	68	59	56
Water Loss (GPCD) <sup>3</sup>	7	9	7	6
Water Loss (Percentage) <sup>4</sup>	8 %	9 %	8 %	7 %

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365
2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365
3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365
4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

GPCD - Gallons Per Capita Per Day

\*A base use figure, or baseline, should be included to calculate your estimated savings. Consider state and regional targets and goals, local climate, and demographics (i.e. wet year versus dry year, high usage versus low usage)

Appendix E. Water Conservation Plan Ordinance

**ORDINANCE NO. 2262**

**AN ORDINANCE REVISING THE CITY OF PORTLAND WATER CONSERVATION PLAN; PROVIDING FOR THE REPEAL OF ORDINANCES IN CONFLICT HERewith; PROVIDING A SEVERABILITY CLAUSE; ESTABLISHING A PENALTY AND SPECIFICALLY NEGATING A REQUIREMENT OF A CULPABLE MENTAL STATE; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, Section 13.145; 17.125(b); 17.277(b) of the Texas Water Code requires all public water supply systems in Texas with 3,300 connections or greater to prepare a water conservation plan; and

**WHEREAS**, the City of Portland previously revised its Water Conservation Plan (WCP) on December 1, 2015, and the City Council has determined it is necessary to make revisions to the WCP; and

**WHEREAS**, the City Council has determined that the revisions to the Plan are necessary for the orderly and efficient management of limited water supplies by reducing the volume of water withdrawn from the water supply source, reducing the loss or waste of water, and maintaining or improving the efficiency of water uses.

**NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PORTLAND, TEXAS:**

**SECTION 1:** The City of Portland Code of Ordinances Chapter 23, Article III, Division 1, Section 23-111, is hereby repealed and replaced with The City of Portland Water Conservation Plan attached hereto and made a part hereof by this reference.

**SECTION 2.** All previously adopted rules, regulations, policies, and ordinances in conflict with this Ordinance are hereby repealed.

**SECTION 3.** If any provision, section, clause, or phrase of this Ordinance, or the application of same to any person or set of circumstances is for any reason held to be unconstitutional, void, or invalid, the validity of the remaining portions of this Ordinance shall not be affected thereby, it being the intent of the City Council in adopting this Ordinance that no portion hereof, or provisions or regulations contained herein, shall become inoperative or fail by reason of any unconstitutionality of any other portion hereof, and all provision of this Ordinance are declared severable for that purpose.

**SECTION 4.** Any person who violates this Ordinance shall be guilty of a misdemeanor and, upon conviction thereof, shall be subject to a fine not exceeding one thousand dollars (\$1,000.00). Each day a violation of this Ordinance occurs shall constitute a separate offense.



The culpable mental state required by Chapter 6.02, Texas Penal Code, is specifically negated and dispensed with and a violation is a strict liability offense.

**SECTION 5.** This Ordinance shall be effective upon the passage of the second reading.

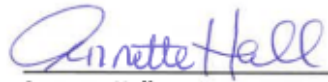
**PASSED** and **APPROVED** on second reading this 19<sup>th</sup> day of July 2022.

**CITY OF PORTLAND**



Cathy Skurow  
Mayor

**ATTEST:**



Annette Hall  
City Secretary

