

Customer Screen

Application Id: 4005767 | Borrower Name: City of John Day

General Information

Legal Name:	City of John Day	Primary Borrower ID:	860186495
Organizational Description:	An Oregon municipal corporation	DUNS #:	030805402
Type of Applicant:	Municipal	CAGE Code:	3V6Z6
Civil Rights:	NA	Regular Board Meeting (Held On):	Second and Fourth Tuesdays
Fiscal Year End Date:	06/30	SAM-CCR Expiration Date:	10/06/2020
Entity Type:	Public Body		
Faith Based:	No		
Is the applicant delinquent on any Federal Debt?:	No		

Address

Address Type	Street 1	Street 2	City	State	Zipcode	County	Congressional District
Headquarters	450 E. Main Street		John Day	OR	97845-__	Grant	2

Key Contacts

Type	Pre	First Name	Last Name	Org.	Phone #	Cell #	Fax #	Email Address
Authorized Representative		Nicholas	Green	City of John Day	541-575-0028	541-620-2809		greenn@grantcounty-or.gov

Key Contact Detail

Title	City Manager					
Years in Current Position	3					
Previous Position						
Street1	450 E. Main Street					
Street2						
City	John Day					
State	OR					
Zip	97845					
Customer Contact	Nicholas	Green	City of John Day	541-575-0028	541-620-2809	greenn@grantcounty-or.gov

Key Contact Detail

Title	City Manager					
Years in Current Position	3					
Previous Position						
Street1	450 E. Main Street					
Street2						
City	John Day					
State	OR					
Zip	97845					
Engineer	Mike	Lees	Anderson Perry	541-963-8309		mlees@andersonperry.com

Key Contact Detail

Title	Engineer					
Years in Current Position						
Previous Position						
Street1	1901 N Fir Street					
Street2	PO Box 1107					
City	La Grande					
State	OR					
Zip	97850					
Mavor	Ron	Lundbom	John	541-575-0028		idmavor@grantcount

Facilities - Facility Sites for Wastewater

Application Id: 4005767 | Borrower Name: City of John Day

Facility Site Details for Wastewater

Facility Type	Description	Street 1	Street 2	City	State	Zip Code	County	Congressional District
Primary Facility	City of John Day Wastewater Treatment Facility	450 East Main		John Day	OR	97845	Grant	2nd

Facilities - Wastewater

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Wastewater

National Pollutant Discharge Elimination System (NPDES Permit #)

If Wastewater Treatment is by Contract - cost per 1,000 gallons or per 100 Cubic Feet

Collections

Conventional Gravity

Lift Station

Pump Station/Forcemain

Treatment

Physical Unit Operations

Sedimentation

Chemical Unit Processes

Suspended Growth Biological Treatment

Attached Growth Biological Treatment

Trickling Filters

Anaerobic Treatment

Advanced Wastewater Treatment

Disinfection

Chlorination/Dechlorination

Biosolids, Materials, & Energy Recovery

Biosolids

Anaerobic Digestion

Effluent Discharge

Rapid Infiltration

Facilities - Facilities Details for Wastewater

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Facility

Select the Project Type you want to work on now: Wastewater

Facility Details for Wastewater

Describe the Current Facility before Improvement

The City of John Day owns and operates a trickling filter wastewater treatment facility (WWTF) constructed in 1949. Major additions were completed in 1970 and 1978. The WWTF is a regional system that serves a population of 2,440 residents and several small commercial establishments in the Cities of John Day and Canyon City. The collection system is composed of approximately 84,000 lineal feet (LF) of gravity sewer pipe, approximately 10,500 LF of pressure sewer pipe, three lift stations, manholes, and cleanouts. The mechanical WWTF generally consists of an influent wetwell, preliminary treatment (headworks), two primary clarifiers, two trickling filters, a secondary clarifier, a primary and secondary anaerobic digester, four sludge drying beds, a chlorine contact basin, and four percolation ponds. In the headworks, the influent pumps are a continual high-maintenance item due to their age and regularly clog with debris. The wetwell concrete has deteriorated and needs rehabilitated or replaced. The grit removal system is not functional and the concrete is cracking and is in poor structural condition. The primary and secondary clarifier structures have failing concrete and the mechanisms need replaced. One of the trickling filters is approximately 70 years old and has failing concrete, corroded steel components and needs new filter media. The chlorine contact basin requires a high amount of chlorine and is functioning inefficiently due to it being a converted clarifier. The anaerobic digester facilities are undersized and do not allow adequate detention time at existing loadings to achieve desired treatment levels. High nitrogen readings have been recorded in the percolation ponds' monitoring wells in past years. It appears that continued discharge into the percolation ponds will require a National Pollutant Discharge Elimination System (NPDES) Permit with more stringent discharge limits.

Describe the Current Facility after Improvement

The purpose of this wastewater system improvements project (the "Project") is to construct a new water reclamation facility (the "WRF") for the City. The new WRF will treat domestic wastewater from both John Day and Canyon City and will consist of: flow equalization; headworks; influent pumps; package membrane bioreactor system; tertiary hydroponics treatment facility; ultraviolet disinfection; effluent pump system; and sludge thickening and dewatering units. The Project also includes the following major components: grit removal and dewatering as necessary for the proposed membranes; anoxic basins, aeration basins, membrane basins, and other equipment; aerobic digesters; and all tankage, valving, piping, pumps, electrical and control equipment, and instrumentation equipment as required to treat 0.302 million gallons per day. The Project will be located approximately one mile west of the current facility in an area acquired by the city for the Project in 2017. The Project area is located on city-owned property within city limits that is zoned appropriately for this Project. The proposed WWTF site is located outside the FEMA special flood hazard area and as a result will not be subject to floodplain development requirements and it could be listed as a critical community facility.

Land Rights-Detail for Wastewater

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Land Rights for Wastewater

Number of Acres To be Acquired - Fee Simple

Number of Acres To be Acquired - Lease

Acres To be Acquired - Purchase Price

Acres To be Acquired - Value

Number of Acres Now Owned - Fee Simple 84.0

Number of Acres now Owned - Lease

Acres now Owned - Purchase Price

Acres now Owned - Value \$756,000.00

Describe Other Rights (such as water rights or rights-of-way)*

City owns approximately 84 contiguous acres of property along the John Day River, with all associated water rights and mineral rights pertaining thereto.

Financials - Proposed Funding

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Proposed Funding

Project Type	Funding Source	Funding Source Description	Funding Amount
Wastewater	CDBG/HUD Water	CDBG Grant	\$2,500,000.00
Wastewater	Other State Funds	Business Oregon Water/Wastewater	\$1,500,000.00
Wastewater	Rural Development	Water & Environmental (WEP)	\$7,400,000.00
Wastewater	Applicant	Sewer Fund - Cash	\$224,000.00
Total Of Displayed Funding Sources:			\$11,624,000.00

Funding Summaries

Project Type	Funding Amount
Wastewater	\$11,624,000.00
Total of all Project Types:	\$11,624,000.00

Funding Source	Total Cost
CDBG	\$2,500,000.00
Other State Funds	\$1,500,000.00
Rural Development	\$7,400,000.00
Applicant	\$224,000.00
Total of all funding sources:	\$11,624,000.00

Project Cost

Application Id: 4005767 | Borrower Name: City of John Day

Project Costs

Project Type	Cost Classification	Description	Cost
Wastewater	Other	City project/grant administration costs	\$75,000.00
Wastewater	Engineering-Additional Services		\$279,000.00
Wastewater	Legal Services	Legal Review and Coordination	\$100,000.00
Wastewater	Engineering-Design	7 percent of estimated construction cost	\$335,000.00
Wastewater	Engineering-Construction Administration	8 percent of estimated construction cost	\$702,000.00
Wastewater	Environmental	Environmental review report, archaeological report, cultural resource monitoring	\$78,000.00
Wastewater	Engineering-Additional Services	Regulatory Agency Permitting, Reporting, and Review Fees	\$17,000.00
Wastewater	Equipment	Biosolids handling truck	\$110,000.00
Wastewater	Engineering-Additional Services	Funding acquisition	\$33,000.00
Wastewater	Development	Contractor mobilization/demobilization	\$419,000.00
Wastewater	Development	Contractor quality control and project safety	\$22,000.00
Wastewater	Development	Site work	\$88,000.00
Wastewater	Development	18-inch gravity sewer from existing wastewater treatment facility to new water reclamation facility	\$215,000.00
Wastewater	Development	Sanitary sewer manholes	\$31,000.00
Wastewater	Development	Influent flowmeter	\$55,000.00
Wastewater	Development	Influent coarse screen	\$165,000.00
Wastewater	Development	Influent fine screen	\$198,000.00
Wastewater	Development	Grit removal	\$187,000.00
Wastewater	Development	Influent pumps	\$61,000.00
Wastewater	Development	Headworks	\$276,000.00
Wastewater	Development	Membrane biological reactor package treatment plant	\$3,308,000.00
Wastewater	Development	Sludge thickening and dewatering building	\$187,000.00
Wastewater	Development	Sludge thickening equipment	\$441,000.00
Wastewater	Development	Sludge dewatering equipment	\$441,000.00
Wastewater	Development	Aerobic digesters	\$827,000.00
Wastewater	Development	Ultraviolet light disinfection	\$193,000.00
Wastewater	Development	Process and yard piping	\$198,000.00
Wastewater	Development	Operations building	\$204,000.00
Wastewater	Development	Electrical, controls, and instrumentation	\$1,047,000.00
Wastewater	Development	Fencing	\$28,000.00
Wastewater	Development	Access road	\$33,000.00

Wastewater	Development	Existing wastewater treatment facility demolition	\$132,000.00
Wastewater	Contingencies	10 percent of estimated construction cost (\$8,756,000 * 0.1 = \$876,000)	\$1,139,000.00
Total of all displayed costs:			\$11,624,000.00

Project Cost Summaries

Project Type	Total Cost
Wastewater	\$11,624,000.00
Total of all Project Types:	\$11,624,000.00

Cost Classification	Total Cost
Contingencies	\$1,139,000.00
Development	\$8,756,000.00
Engineering-Additional Services	\$329,000.00
Engineering-Construction Administration	\$702,000.00
Engineering-Design	\$335,000.00
Environmental	\$78,000.00
Equipment	\$110,000.00
Legal Services	\$100,000.00
Other	\$75,000.00
Total of all cost classification:	\$11,624,000.00

Project Schedule

Application Id: 4005767 | Borrower Name: City of John Day

Project Schedule

Proposed Starting Date	03-01-2021	Proposed End Date	11-30-2021
Date Application made available to the Inter-Governmental Review Process (if applicable):	-	State Clearinghouse ID (if applicable):	

Project Schedule Milestones

Project Type	Scheduled Milestone	Description	Date
Wastewater	Milestone Date	Issue Notice of Intent to Award for Membrane Bioreactor Equipment Procurement	03-10-2020
Wastewater	Milestone Date	30 Percent Review (Drawings) complete	05-12-2020
Wastewater	Milestone Date	60 Percent Review (Drawings and Technical Specifications) complete	07-14-2020
Wastewater	Milestone Date	90 Percent Review (Drawings and Technical Specifications) complete	09-07-2020
Wastewater	Milestone Date	Finalize Drawings and Technical Specifications	10-16-2020
Wastewater	Milestone Date	Construction Procurement completed	02-26-2021
Wastewater	Proposed Start of Construction	Begin construction/site preparation to receive Membrane Bioreactor Equipment	03-01-2021
Wastewater	Proposed End of Construction	Complete Facility construction	11-30-2021

Financials - Proposed O&M

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What do you anticipate your annual Operation and Maintenance Expenses to be for your facility in the first year of operation once the proposed project has been completed?

Using the information from the Preliminary Engineering Report, enter the data below:

Proposed O&M

Project Type	Expense Item	Description	Annual Amount
Wastewater	Other	Equipment replacement	\$50,000.00
Wastewater	Salaries/Benefits	Labor	\$75,000.00
Wastewater	Utilities	Electricity, propane	\$65,000.00
Wastewater	Repairs/Maintenance	Supplies, Parts, Maintenance, and Repairs	\$50,000.00
Wastewater	Supplies	Sampling, Testing, and Permit Fees	\$15,000.00
Wastewater	Administrative/Office	Operator Training and Certification	\$3,000.00
Wastewater	Supplies	Chemicals	\$30,000.00
Total Of Displayed Expenses:			\$288,000.00

Expense Summaries

Project Type	Total Expenses
Wastewater	\$288,000.00
Total of all project types:	\$288,000.00

Expense Type	Total Expenses
Administrative/Office	\$3,000.00
Other	\$50,000.00
Repairs/Maintenance	\$50,000.00
Salaries/Benefits	\$75,000.00
Supplies	\$45,000.00
Utilities	\$65,000.00
Total of all O&M Expenses:	\$288,000.00

Financials - Reserves & Short-Lived Assets

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Short Lived Asset

Does the applicant have any Short Lived Assets to report? Yes

Short-Lived Assets-Details

Project Type	Description	Replacement Cost	Useful Life	Annual Reserve
Wastewater	Computers and Software	\$5,000.00	0-5 Years	\$1,000.00
Wastewater	Laboratory Equipment	\$20,000.00	6-10 Years	\$2,000.00
Wastewater	Lift Station Equipment Upgrade & Generator	\$43,000.00	6-10 Years	\$4,300.00
	Total	\$68,000.00		\$7,300.00
Comments	Certain short-lived assets (i.e. Equipment - Fixed, telemetry, pumps, methane converter, computers, etc.) have been fully depreciated and are not needed for the new wastewater treatment facility.			

Financials - Debt

Application Id: 4005767 | Borrower Name: City of John Day

Debt

Does the applicant have any Existing Debt with Terms or Other Funding sources with Terms to report? Yes

Existing and Proposed Debt

Project Type	Type of Loan	Owed To	Balance Owed	Terms (yrs)	Date of First Payment	Annual Payment	Annual Reserve	Reserve on Hand	Interest Rate	Maturity Date
Wastewater	Existing Other Loan	Washington Federal	\$458,367.00	10	12-01-2018	\$68,900.00	\$90,000.00	\$180,000.00	3.3400%	12-01-2027

Debt - Details

Initial Issuance Amount	2182951.0
Purpose	Loan was to consolidate debt from the City's 1990's Industrial Park development and complete capital improvement projects. Of the Initial Issuance Amount and Balance Owed, only 26% is secured by Sewer Fund revenue, the remainder is secured by Water Fund revenue. Interest rate Reset Date is December 1, 2022. City may prepay the Outstanding Balance in whole on December 1, 2022 without any premium or penalty by giving written notice to the Bank and by paying the Bank the Outstanding Balance, plus accrued interest on that amount to the date of prepayment.
Security	Pursuant to ORS 287 A.315, the City pledged its full faith and credit and taxing power within the limitations of Sections 11 and 11b of Article XI of the Oregon Constitution to pay the principal, interest and other amounts that are due to the Bank under the Financing Agreement.
Income Source	Sewer revenue covers Sewer Fund portion of the annual loan service. Water Fund covers the remainder. In addition, City sets aside \$90,000 annually from Sewer Fund revenue into Contingency for bullet payment in order to pay loan balance by December 1, 2022.

Project Type	Type of Loan	Owed To	Balance Owed	Terms (yrs)	Date of First Payment	Annual Payment	Annual Reserve	Reserve on Hand	Interest Rate	Maturity Date
Wastewater	Existing Other Loan	Oregon Economic Development Department	\$335,876.00	25	12-01-2019	\$21,074.00			3.4300%	12-01-2043

Debt - Details

Initial Issuance Amount	350000.0
Purpose	Business Oregon Special Public Works Fund (SPWF) Loan Number: L18006 issued to City to construct a commercial-scale greenhouse at the Innovation Gateway/Oregon Pine property. Greenhouse will operate on reclaimed water from the new wastewater treatment plant.
Security	City of John Day Sewer Fund
Income Source	Sewer Revenues

Project Type	Type of Loan	Owed To	Balance Owed	Terms (yrs)	Date of First Payment	Annual Payment	Annual Reserve	Reserve on Hand	Interest Rate	Maturity Date
Wastewater	Existing Other Loan	Oregon Economic Development Department	\$469,268.00	25	12-01-2017	\$31,793.00			3.7800%	12-01-2041

Debt - Details

Initial Issuance Amount	519000.0
Purpose	Business Oregon Special Public Works Fund (SPWF) Loan Number L17011 - John Day Wastewater Treatment Plant - Oregon Pine Property Acquisition Loan. Purchase of the 53-acre Oregon Pine property as the location for the new wastewater treatment plant. Site was selected due to build-able locations outside the FEMA special flood hazard areas. Annual payments were \$29,217 for the first two years and \$31,794 for the remaining 23 years.
Security	City of John Day Sewer Fund
Income Source	Sewer Revenue

Debt Service Summary

Project Type	Total Balance Owed	Total Annual Payment	Total Annual Reserve	Total Reserve On Hand
Wastewater	\$1,263,511.00	\$121,767.00	\$90,000.00	\$180,000.00

Total of all project types:	\$1,263,511.00	\$121,767.00	\$90,000.00	\$180,000.00
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Enterprise Balance Sheet for Wastewater

Application Id: 4005767 | Borrower Name: City of John Day

Enterprise Balance Sheet

Date of Financial Information:

01-31-2020

Assets

Current Assets

Do you have current assets?

Yes

Asset Type	Amount
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Checking	\$1,062,293
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Total	\$1,062,293
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Restricted Cash

Do you have Restricted Cash?

Yes

Asset Type	Amount
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Other	\$84,445
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Total	\$84,445
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Other Current Assets

Asset Type	Amount
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Accounts Receivable	\$96,632
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Less: Allowance for doubtful accounts	\$6,150
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Inventories	Not Applicable
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Prepayments	Not Applicable
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Total Current Assets	\$1,237,220
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Fixed Assets

Do you have Fixed Assets?

Yes

Asset Type	Amount
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Land	\$595,221
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Buildings	\$1,170,184
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Furniture and Equipment	\$1,046,828
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Other	\$6,414,189
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Other	\$140,022
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Less: Accumulated Depreciation	\$5,032,424
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Net Total Fixed Assets	\$4,334,020
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Total Assets	\$5,571,240
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Liabilities and Equities

Current Liabilities

Do you have Current Liabilities?

Yes

Liability Type	Amount
Accounts Payable	\$5,126
Customer Deposits	\$24,131
Total	\$29,257

Long Term Liabilities

Liability Type	Amount
Long Term Debt (net of current portion)	\$2,568,096
Other	Not Applicable
Total Long Term Liabilities	\$2,568,096
Total Liabilities	\$2,597,353
Net Worth	\$2,973,887
Total Liabilities and Equity	\$5,571,240
Comments	Other - Fixed Assets are for construction in progress and streets/utility system.

General Funds Balance Sheet

Application Id: 4005767 | Borrower Name: City of John Day

General Funds Balance Sheet

Does your Entity operate with a General Fund?: Yes
Date of Financial Information: 01-31-2020

Assets

Current Assets

Do you have current assets? Yes

Asset Type	Amount
Checking	\$2,545,060
Petty Cash	\$200
Total	\$2,545,260

Restricted Cash

Do you have Restricted Cash? Yes

Asset Type	Amount
Debt Reserves	\$63,746
Other	\$1,730,923
Total	\$1,794,669

Other Current Assets

Asset Type	Amount
Accounts Receivable	\$7,498
Less: Allowance for doubtful accounts	Not Applicable
Inventories	Not Applicable
Prepayments	Not Applicable
Total Current Assets	\$4,347,427

Fixed Assets

Do you have Fixed Assets? Yes

Asset Type	Amount
Land	\$279,841
Buildings	\$2,983,715
Furniture and Equipment	\$1,529,219
Other	\$341,353
Other	\$3,389,597
Less: Accumulated Depreciation	\$2,617,032

Net Total Fixed Assets	\$5,906,693
Total Assets	\$10,254,120
Liabilities and Equities	
Current Liabilities	
Do you have Current Liabilities?	Yes
Liability Type	Amount
Accounts Payable	\$6,089
Total	\$6,089
Long Term Liabilities	
Liability Type	Amount
Long Term Debt (net of current portion)	\$297,505
Other	\$511,000
Total Long Term Liabilities	\$808,505
Total Liabilities	\$814,594
Net Worth	\$9,439,526
Total Liabilities and Equity	\$10,254,120
Comments	Assets and liabilities are for Governmental Funds. Restricted Cash - Other is for City's IT Fund and Street Fund (restricted for specific purposes). Fixed Assets - Other is for Construction in Progress and Streets/Utility System held in Governmental Funds. Long Term Debt is related to the fire hall improvement bond and loan.

Volume/Flow - Connections Information for Wastewater

Connections Information for Wastewater

Do you provide waste disposal service to residential, industrial, or business users?	Yes
Total gallons collected to residential and other customers (do not include wholesale) for the most current 12 month period	89,930,000
Of the Total Annual Gallons Sold, how many Gallons were Collected to Single Family Dwellings?	56,000,000
What are the Total Number of existing Connections on the System?	743
Of the total Number of existing Connections, how many are Single Family Dwellings?	559
What is the total annual revenue from residential and other customers (do not include wholesale) for the same most current 12 month period?	\$589,643
Will you be adding new connections with this project?	No

Volume/Flow - Wholesale for Wastewater

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Wholesale-Detail

Do you provide contracted bulk sewer treatment?	Yes
Is the volume measured and charged per 1,000 gallons or per 100 cubic feet?	Per 1,000 Gallons
When was the last time you had a price increase to these customers?	01-01-2020

Wholesale Volume (projected)

Wholesale User Name	Annual Volume	Monthly Volume	Unit Price
Town of Canyon City	10,000,000	833,333	\$7.36
Totals	10,000,000	833,333	

Service Area: Main Screen

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Service Area

Service Area Name	Project Type	Population	Square Miles	% of Rural vs. Urban
Service Area	Wastewater	2433	5.3	100%
Service Area Alternate		0	0.0	NaN
Service Area Proposed		0	0.0	0%

Service Area - Edit/View Data

Service Area

*** Program Type**

Water And Environmental

*** Area Name**

Service Area

Service Area	Existing	Alternate	Proposed
Total Population	2433	0	0
Total Square Miles	5.3	0.0	0.0
Percent of Rural vs. Urban	100%	NaN	0%

Explanation for Changes in Detail Service area includes John Day, Canyon City and their respective urban growth areas.