

12. Adjourn

PUBLIC: When you join the meeting (5-10 min. prior to the meeting)

- If you plan to speak/comment during the meeting (when permissible to do so), please announce your name and “how” you are joining the meeting (i.e. by computer and/or phone). Speak slowly and clearly, so the organizer may “find” you and identify your “caller” location.
- Please wait to be called on to speak, to avoid talking over someone.
- When you are not speaking, please mute yourself (so the organizer doesn’t have to do this).
- Please limit side conversations and multitasking while you are in the meeting.
- Be aware even if you are not on camera, sound can be heard over unmuted phones and will be distracting. And if you are on camera “absences” will be noticeable, and also distracting.
- To minimize feedback noise, we will only have the meeting host, Mayor, and one other speaker unmuted at any time during the meeting.
- Please be aware that if poor etiquette is being observed, it may be called out so you have an opportunity to fix the situation.

City of Port Orford, Curry County, Oregon

“ELECTION PROCLAMATION”

WHEREAS, a General Election was held in Port Orford, Curry County, Oregon on November 8, 2022, and

WHEREAS, registered voters in the city limits of Port Orford voted on candidates for three open Council positions, and

WHEREAS, Ann Vileisis (433 votes), and Brett Webb (334 votes), and Perri Rask (314 votes) were elected to fill the three open four-year Council positions, and

WHEREAS, the terms for these positions start on January 1, 2023 and expire on December 31, 2026,

NOW, THEREFORE, the Elections Official of the City of Port Orford hereby proclaims the election of these positions to be official.

Signed this 12TH day of January, in the year 2023.

Jessica Ginsburg, Elections Officer

ATTEST:

Pat Cox, Mayor

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City of Port Orford
City Council Meeting
In the Gable Chambers / Virtual participants
Tuesday, December 20, 2022 at 5:30 P.M.

Mayor and Council	Present	City Staff	Present
<i>Pat Cox, Mayor</i>	X	<i>CA Ginsburg</i>	X
<i>Tim Pogwizd, President</i>	Excused	<i>Shala Kudlac, City Attorney</i>	X
<i>Gary Burns</i>	X	<i>John Isadore, Public Works</i>	X
<i>Lorrin Kessler</i>	X		
<i>James Garratt</i>	Excused		
<i>Greg Tidey</i>	X		
<i>Ann Vileisis</i>	X		

The minutes were prepared to the best of our ability considering the challenging quality of the audio for those attending in the Gable Chambers and occasional inability to determine the speakers.

Others Present: Monica of Curry County Emergency Director, Marlin of Civil West, Representative of Siskiyou Discovery Homeschool Coop, Leah Hyle,

1. Call to Order

Mayor Cox called to order this Meeting of the Common Council on Tuesday, December 20, 2022, at 5:32 p.m. Mayor Cox and attendees recited the Pledge of Allegiance.

2. Additions to the Agenda: Parks Commission Appointment Leah Hyle: Councilor Burns moved to appoint Leah Hyle to the Parks Commission with a councilor as second. ***Motion carried 4-0.***

Discussion: None.

Councilor Burns *Yes* ***Councilor Vileisis*** *Yes* .
Councilor Kessler *Yes* ***Councilor Tidey*** *Yes*

3. Presentation to Council/Citizens: Siskiyou Discovery Homeschool Cooperative.

Local mom, head teacher of a home school cooperative that is license exempt to the state presents information on Siskiyou Discovery Homeschool. She is currently operating from her home. They spend time at the library and a lot of time outside and at the park. With the program growing, she is looking forward to offering more to the community and moving the operation outside of her home. She is asking Parks Commission for use of the A-Frame building in the park on Mondays and Wednesdays from 9:00 a.m. to 1:00 p.m. The space will be used for shelter on weather foul days. She does not currently have insurance but will get specifics on the type of insurance and comply. She is anxious to see what a rental contract will look like. The space will not be used for storage.

4 Councilors discussed the condition of the building and what will be needed to make it safe
5 and healthy for a school environment. Rent versus work exchanged was discussed and how it
6 affects liability. Inspection was discussed.

7 By consensus, Councilors agree to send this to Parks for liability research and what
8 requirements are needed. Councilor Tidey will be given CIS contact information.

9 **4. Consent Calendar:**

10 Approval of minutes from October 27, 2022.

11 Approval of minutes from November 17, 2022.

12 Councilor Vileisis moved to accept the minutes from October 27, 2022, and November 17,
13 2022, with intention to improve the quality of the minutes in the future with Councilor Tidey
14 as second. ***Motion carried 4-0.***

15 Discussion: A councilor stated that the minutes are no longer as complete as they once were
16 and have multiple errors. He does not feel he can accept the minutes. Sound quality is
17 discussed. Councilor Vileisis suggested councilors review minutes and make a list of
18 incorrect entries. Legal Counsel Kudlac suggested tabling for amendments if incorrect. If not
19 as detailed as councilors would like, they can be approved.

20 ***Councilor Burns*** *Yes* ***Councilor Vileisis*** *Yes*

21 ***Councilor Kessler*** *Yes* ***Councilor Tidey*** *Yes*

22

23 **5. Citizens' Concerns:** None.

24

25 **6. Departmental Reports:**

26 **a. Public Works:** A written report has been provided to councilors by Jon Isadore. Mr.
27 Isadore and CA Ginsburg clarified info on the dredging permit (inaudible). Mayor Cox
28 asked about the 28,000 dollars paid to Koontz. Mr. Isadore clarified it was for sand
29 blasting and repairs, (inaudible). CA Ginsburg verified that the dredging permit is part of
30 the BRIC grant. The sewer plant reroof project, timeliness and cost was discussed. Jon
31 Isadore's update was inaudible.

32 **b. Administration/Financial Report:** CA Ginsburg provided a written report to councilors.
33 Councilor Burns asked for an update on hiring employees. CA Ginsburg reported on
34 firms that other jurisdictions use for an auditor. CA Ginsburg reported she is working
35 with Melvin from Civil West regarding a planner and also working with Planner Shoji to
36 have her fill in. Meanwhile another position will open up in two weeks. CA Ginsburg
37 will research the finance position opening on the website. Councilor Burns questioned
38 parttime versus full time position in the office and what needs done to approve a new
39 website. CA Ginsburg reported on the need for IT services for the server. She will need
40 to speak with Jesse regarding a new website. CA Ginsburg explained why the staff
41 cannot make all the changes on the website to include time management while short
42 staffed. Jesse is the host and under contract to the end of fiscal. CA Ginsburg will get
43 additional information from Councilor Garratt regarding an option for website
44 management.

45 **c. Planning:** CA Ginsburg advised that the Planning Commission has postponed their
46 January 3, 2023, discussion regarding STRs pending a workshop with City Council.
47 Councilor Tidey reported that January 3 does not give enough time for the new
48 commissioners to be sworn in and attend a workshop. Councilor Vileisis asked about Mr.

4 Kearns's recommendation and if it is in writing. CA Ginsburg reminded Mr. Kearns
 5 recommended to not make this a land use ordinance, but City Council wanted to focus on
 6 R1 and R2 without involving other zones, which makes this a land use ordinance.
 7 Councilor Vileisis asked how Gold Beach wrote caps in their license program. Legal
 8 Counsel Kudlac asked for a copy of Gold Beach's ordinance, which will be provided by
 9 Council Vileisis. Legal Counsel Kudlac reminded councilors that they were asked to list
 10 their priorities for each zone, give the list to Daniel Kearns and ask him to draft code. CA
 11 Ginsburg advised that Mr. Kearns is on vacation. She will ask him for a draft. STR
 12 ordinance was discussed at length by councilors.

- 13 **d. Watershed:** Councilor Vileisis reported the city submitted the loan application on time
 14 for buying the watershed land. The gorse control plan for the watershed was reviewed by
 15 Linda Tarr and Councilor Vileisis, which involves planting 350 trees on the Sorenson
 16 parcel in January. Volunteers are needed. Councilor Vileisis went on a field trip with Free
 17 Watershed Partnership. A failing culvert was identified and will need to be addressed.
 18 The bottom of the culvert is rusting out and the ground is eroding which could cause
 19 collapse. Councilor Vileisis reminded councilors that the watershed is in the Water
 20 Master Plan. She reiterated that the reservoir does not have much space for water. The
 21 Watershed Council met and are interested in fund raising for the wetland walkway.
 22 Councilor Tidey suggested a watershed representative attend the Parks Commission
 23 meeting.
- 24 **e. Port:** Mayor Cox reported the Port just selected a review team for the proposals for the
 25 crane that will be in on the 1st.
- 26 **f. Parks:** Councilor Tidey reported there will be more fundraisers for the playground this
 27 next year. Every Wednesday night and every other Saturday skating events are successful
 28 with 20 to 30 attendees and growing.
- 29 **g. Emergency Management:** Councilor Burns reported the Emergency Management had a
 30 brief meeting and are working with Monica on direction. Storage space is available now.
 31 CA Ginsburg explained Shake Alert. Apps are available for iPhone and Galaxy phones.
- 32 **h. School:** Councilor Kessler reported the elementary school playground and track are
 33 available afterschool and weekends for the community.
- 34 **i. Main Street:** Councilor Burns reported Main Street is working on advertising. They are
 35 almost ready to print the Business Guide. City Hall landscaping is almost finished. They
 36 discussed a landscaping project next summer at Rays.

37 38 7. Old Business

- 39 **a. Extend Moratorium on Short Term Rentals:** Councilor Vileisis moved to extend the
 40 moratorium on short term vacation rentals in 1R and 2R for another year with Councilor
 41 Kessler as second. *Motion carried 4-0.*

42 **Discussion:** Councilor Vileisis stated a year was reasonable due to a workshop and
 43 possible land use hearings that are needing the 12 months.

44 *Councilor Burns* Yes *Councilor Vileisis* Yes
 45 *Councilor Kessler* Yes *Councilor Tidey* Yes

- 46
 47 **b. BRIC Grant Update/Discussion:** BRIC grant is a 90 percent grant with 10 percent
 48 match. The 10 percent cannot be a federal source; however, it does not mean the money
 49 cannot come from a non-federal source. Monica, Curry County Emergency Director and

4 Marlin of Civil West are attending the meeting. Monica reported the distribution
5 application was ready for State Review. FEMA will go through the application and offer
6 those eligible. There is no commitment. Mayor Cox asked for clarification on the role the
7 Master Plan plays in the process. This application references the 2005 Master Plan. The
8 2014 Master Plan does not address the needs of the perimeter. Marlin advised there are
9 two separate applications, one being the treated water application and one being the raw
10 water application. The projects that tie back to the 2005 Master Plan refer to the treated
11 water application. Marlin reported City of Port Orford has a need but there has to be a
12 basis for the reason of application, which is established by the Master Plan. All vetted
13 projects were included. If grants do not get rewarded there is federal funding for shovel-
14 raising projects. The goal is to become proactive with water infrastructure rather than
15 reactive.

16
17 Councilors are currently looking at the same structure in the Master Plans updated to real
18 cost. He suggested Councilors look at specific questions.

19
20 Councilor Vileisis expressed appreciation to Jessica and Monica for their hard work and
21 the opportunity to work with them. She requested clarification on the boundaries. CA
22 Ginsburg explained the boundaries and the reasons for the boundaries. The application
23 addressed maximum needs for maximum funds. It will take 18 months to receive grant
24 money from the grant due to approval and funding time. During that time priorities will
25 likely change due to repairs and maintenance. Councilor Vileisis is concerned about
26 people in the community supporting a bond while grant funding is being spent on those
27 outside the community. CA Ginsburg is hoping the city will manage cash appropriately
28 for the five years to avoid a bond.

29
30 Councilor Vileisis asked if there was any rationale to going for priority 1, 2 and 3's in the
31 city limits and asking for a lesser amount and if it will increase the chance of receiving
32 grant money. She is advised showing growth and hazards in and out of the city will score
33 more points towards the grant qualification. Disadvantaged communities get more points,
34 thus discussing the community disadvantages in the application is important.

35
36 Councilor Vileisis addressed being awarded the pipe water grant but not the raw water
37 grant and inquired if the division is solid or flexible. Monica advised it was divided into
38 two groups so if one grant is not funded, it will not affect by the other.

39
40 Councilor Vileisis addressed the projects in the priority groups. She is advised that
41 priorities are delineated by the Master Plan. Monica and Marlin explained that priority
42 work can be changed after grant funding if it is the same type of work.

43
44 Councilor Vileisis asked if replacing the reservoir on Coast Guard Hill is in the
45 application. It is confirmed that it is a priority 1. Councilor Vileisis asked how the Dock
46 Road extension fits with the Port's Road restabilizing. Mayor Cox advised there will be
47 repaving. Dock Road is a priority 2.

Councilor Vileisis asked for clarification on the plan for dredging prior to the BRIC grant. Marlin advised that any repairs or cost toward a project in the BRIC application can be applied towards the 10 percent match. Actual breaking ground construction cannot be used for the match.

State review deadline was met. Submission to the State has a deadline of January 13 so the State can put the package together for FEMA. It will be February before City of Port Orford gets the application back with corrections/acceptance from FEMA.

Councilor Kessler moved to extend the meeting with Councilor Burns as second. *Motion carried 4-0.*

Discussion: None.

Councilor Burns Yes **Councilor Vileisis** Yes
Councilor Kessler Yes **Councilor Tidey** Yes

Community involvement is outlined. All community members are to be communicated with and given the same awareness. At this point, communication should be when FEMA returns their feedback. Marlin outlined the advantages of receiving the BRIC grant for the community to include infrastructure, fire prevention and future growth.

Councilor Vileisis addressed green elements of the application such as a Pelton Wheel at the big drop in the pipeline. Marlin reported he has never seen that done before in a municipal water source. He pointed out other green areas such as recycling materials.

Councilor Vileisis addressed the culvert in the watershed that is collapsing and how it might fit into the BRIC grant for an emergency repair. CA Ginsburg advised of state grants that will fix the culvert. Marlin advised to review the Forest Management Plan for watershed language that might tie the culvert into a watershed project.

8. New Business:

a. Purchase of 2 new servers and 1 new computer: Councilor Burns moved to approve the purchase of two servers and one workstation for up to 16,224 dollars with Councilor Burns as a second. *Motion carried 4-0.*

Discussion: Costs are discussed and clarified. Added cost for offsite backup is discussed. This can be discussed at a later meeting after the equipment is running.

Councilor Burns Yes **Councilor Vileisis** Yes
Councilor Kessler Yes **Councilor Tidey** Yes

b. City Council Year-End Wrap Up: Councilors Kessler is invited to speak on items to wrap up his term. He expressed his appreciation for the opportunity to be involved in city government. He expressed his appreciation to CA Ginsburg, Mayor Cox and fellow Councilors for their efforts on accomplishments. He cautions councilors of the undercurrents of those who want to do something different and watch for those occurrences. He gives a shoutout to Port Orford Public Library and staff for earning the 5-star library award of the Library Journal, which is an outstanding award for a library of their size.

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Councilor Garratt is not in attendance. He is invited to send an email or letter with his closing items.

9. Continuing action Items.

- Better website
- Application for recorder
- Refining meeting processes

10. Considerations:

Citizen: None.

Staff: None.

Councilor: Councilor Burns spoke on affordable housing and asked for a consensus of councilors to look into city property to use for affordable housing projects. Mayor Cox and councilors welcomes proposals. Affordable housing will be added to the future agenda.

Councilor Vileisis expressed her appreciation to Councilor Garratt and Councilor Kessler for their service to the city. She announced the loss of the 12th mayor of Port Orford, Leon White. A booklet is prepared outlining his contributions and will be available after the new year.

Mayor: Mayor Cox expressed his appreciation for the services of Councilor Garratt who is not in attendance.

11. Future Meetings:

Thursday, January 19, 2023, Regular Council Meeting 5:30, hybrid.

Adjourn: There being no further business, Mayor Cox Adjourned the meeting at 8:14 p.m.

Attest:

Mayor, Pat Cox

City Recorder, Jessica Ginsburg



Oath of Office

*State of Oregon
County of Curry
City of Port Orford*

ss. City of Port Orford

I, Brett Webb do solemnly swear (or affirm) that I will support the constitution and the laws of the United States and of the State of Oregon, and the Charter, bylaws, ordinances, and proclamations of the city of Port Orford and perform the duties of City Councilor in honesty and justice to the best of my ability, and that, as far as possible, I will protect that office and this City from any illegal, unethical or dishonest practices, so help me God, and this I promise under the penalties of perjury.

Brett Webb, City Councilor

Date

Subscribed and sworn to before me this 19th day of January 2023

*Jessica Ginsburg City Recorder
City of Port Orford, Curry County Oregon*

Date

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Water Plant: Op's - NO Run Days 5

Raw water into plant 4,843,000 Treated water 3,628,000 Backwash water used 110,000 Leaks 10,000

Water Treatment plant, Finished Water Pump Replacement

1. **Pending** Finished water pump #1 has been received and electrical upgrade is complete. Pump will be installed when Koontz is on site for waste water work.

Coast Guard Hill Pump Station, Complete Skid Controls / pumps and piping replacement

1. **Coast guard hill pump station in progress, Site meet**, with Owens pump for quote on new skid, waiting quote

Electronic read water meters: propagation study has been completed, I'll be speaking with vendor to discuss next step forward.

Water distribution leaks repair: Jefferson & 9St. X 2

Waste Water plant: Op's:

Repairs & maintenance plant / collections.

- **Grit system Update**, Grit gear box and air lift system is rebuilt, Install schedule for next week.
- **DO Probes**, current probes no-longer support and need replaced ASAP.
- **Blowers received**, installed blower #1, waiting VFD drive / Portland engineering.
- **Pending Influent Flow Meters**, site meet with Owens pump quote pending

Streets Maintenance:

- **Tons of trees removed from storms**
- potholes, cold patched received and placed. We'll continue with repairs as time allows
- Trimmed brush back on streets / intersections.

Parks Interpretive trail, we have blocked off the entrance to the walkway for safety.

- Pick up and disposal of trash and debris in parks.
- Continued mowing and trimming of parks.

PW Works Equipment PM's

- Run and Pm generators monthly
- Vehicle Pm's

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15
PORT ORFORD CITY COUNCIL MEETING

DATE: 12/20/2022 TIME: 5:32

Adjourn 8:17PM

BOARD MEMBERS

ADMIN STAFF

NOTES

- Pogwizd- Excused
- Tidey
- Vileisis
- Kessler
- Burns
- Cox
- Garratt- Excused

- Ginsburg
- Isador
- Hobart- Online
- Kudlac- Online

OTHERS: _____ Media: _____

Additions to Agenda: _____



MOTION _____ Consensus _____ Agenda Subject: Presentation for Homeschool Cooperative
 _____ Moved _____ Second _____ carried _____ failed Effective Date _____

To: Would like to use the A-frame Monday and Wednesday 9-1 for preschool. City and Parks need to find out any insurance requirements for CIS and discuss possible rental agreement. City staff to work with parks department. _____

Pogwizd _____ Garratt _____ Burns _____ Tidey _____ Kessler _____ Vileisis _____ Cox _____



MOTION X Consensus _____ Agenda Subject: Consent Calendar _____
 _____ Tidey/ Vileisis _____ Moved _____ Burns _____ Second X carried _____ failed Effective Date _____

To: Tidey moved for Leah Hyle to Join Parks Burns Second. Passed. Councilor Burns expressed concerns about the quality of the sound and how it is effecting the minutes. _____

Pogwizd A Garratt A Burns Y Tidey Y Kessler Y Vileisis Y Cox N/A



MOTION X Consensus _____ Agenda Subject: Short Term Rental Extension
 _____ Vileisis _____ Moved _____ Kessler _____ Second X carried _____ failed Effective Date 1/21/2023

To: Extension of Short Term Rental moratorium on Business licenses for 1R and 2R for an additional year. It was expressed that if the planning commission finished the regulations before the end of the additional year the moratorium can be lifted. _____

Pogwizd A Garratt A Burns X Tidey X Kessler X Vileisis X Cox N/A

MOTION ___ Consensus ___ Agenda Subject: BRIC Grant Application _____
___ Moved ___ Second ___ carried ___ failed Effective Date _____

To: Discussion and question from the council members re: the BRIC Grant application that CA Ginsburg Public Works Super John, Marlin (Civil West Engineering) and Monica (Curry County Emergency Director) have been working on. Concerns about how the water lines were chosen. The council was made aware of that fact that the Water Master Plan had to be followed for the application and we can always go and do a change of scope should we need to add additional projects. Currently the total amount for both the Grants about 75 million with a match of 7.5 million should the city be awarded both grants. The City will not find out if we were awarded the grant till between January or July 2024. _

Pogwizd ___ Garratt ___ Burns ___ Tidey ___ Kessler ___ Vileisis ___ Cox _____



MOTION ___ Consensus ___ Agenda Subject: Servers and Computer _____
___ Burns ___ Moved ___ Vileisis Second ___ X ___ carried ___ failed Effective Date _____

To: 2 new servers to replace ones that have gone down multiple times in the past 60 days. Also a new computer for CA Ginsburg since she has been unable to connect using her computer for about 30 days. CA Ginsburg will bring the contract for the Off-site back up for a year to the next possible city council meeting.

Pogwizd A Garratt A Burns X Tidey X Kessler X Vileisis X Cox N/A



MOTION ___ Consensus ___ Agenda Subject: Out Going Council Members _____
___ Moved ___ Second ___ carried ___ failed Effective Date _____

To: Councilor Kessler expressed his appreciation for all the other council members and all the hard work that they do. He loved the experience that he had and expressed how proud he was of the library and the award that they just received. CA Ginsburg will look into something from the City to also show their appreciation.

Pogwizd ___ Garratt ___ Burns ___ Tidey ___ Kessler ___ Vileisis ___ Cox _____



MOTION ___ Consensus ___ Agenda Subject: _____
___ Moved ___ Second ___ carried ___ failed Effective Date _____

To: _____

Pogwizd ___ Garratt ___ Burns ___ Tidey ___ Kessler ___ Vileisis ___ Cox _____



MOTION _____ Consensus _____

Agenda Subject: _____

_____ Moved _____ Second

_____ carried _____ failed Effective Date _____

To: _____

Pogwizd _____ Garratt _____ Burns _____ Tidey _____ Kessler _____ Vileisis _____ Cox _____

TO DO: _____ STRs- City of Gold Beach caps with no land use? CA Ginsburg to follow up with Jodi, Mr. Kearns and Shala re-land use regulations

Website- either a new one or work with Jesse on getting it updated in a timely manner

Roof- New quotes for all the roofs (no more metal roofs) just pitch and or membrane

Watershed- They would like to fix the wetland walkway. List of volunteers and need to find carpenter and others to fix and stabilize

Skating Club- They still have not supplied insurance as required. CA Ginsburg to follow up with Attorney Kudlac

Off Site Back up amount and contract with Comp-u-serve

Union Agreement negotiations re-open and start for agreement that ends June 2023

Rotary Club- "Management" agreement conversation with Bob Weaver

He feels they are really not managing anything since they are not getting copies of required paperwork and not knowing what what is going on in the buildings when they are rented.

If they are no longer managers they would like to discuss the rent amount

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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 1/19/2023

SUBJECT: Finance

ITEM NO: 6 c.

In October and November 2022 we started to receive a bulk of the payments for Property Taxes for FY23. We were still not receiving the breakout from the County Treasurer between the City General and the Local Option. I was able to work with the data provided by the County to reach the correct numbers between the General and local option tax payments.

As of the End of November the cash balances are:

Rouge: \$154,737.94

LGIP (Local Government Investment Pool): \$2,923,223.78

Attached are the following:

Balance Sheet

Income Statement

Check Register

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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City of Port Orford

Balance Sheet

Account Summary

As Of 12/31/2022

Account	Name	Balance
Fund: 010 - GENERAL FUND		
Assets		
010-11100	Claim on Cash - Rogue	19,249.80
010-11101	LGIP Claim on Cash	539,062.31
010-11160	Rogue Savings 6500	5.70
010-11170	Petty Cash	400.00
010-12115	Taxes Receivable	14,075.67
010-12210	Accounts Receivable	739,058.00
010-12290	Est. Uncollectable Accounts	-671,315.00
010-14370	Prepaid Expenses	22,478.15
	Total Assets:	663,014.63
		<u>663,014.63</u>
Liability		
010-21310	Accounts Payable	2,869.33
010-21350	Accrued Salary	1,980.00
010-23130	Net Wages Payable	-1,980.00
010-23153	Workers Comp/Payable	-0.46
010-25710	Deferred Revenue	6,892.00
010-25715	Deferred Revenue (Business License)	5,520.00
010-25910	Vacation Payable	-2,079.72
010-CITES	DEFERRED REVENUE CITATIONS	34,800.00
	Total Liability:	48,001.15
Equity		
010-39299	Fund Equity	349,878.75
	Total Beginning Equity:	349,878.75
Total Revenue		581,369.32
Total Expense		316,234.59
Revenues Over/Under Expenses		265,134.73
	Total Equity and Current Surplus (Deficit):	615,013.48
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>663,014.63</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 014 - PARKS FUND		
Assets		
014-11100	Claim on Cash	29,095.12
014-11101	LGIP Claim on Cash	238,793.52
014-14370	Prepaid Expenses	3,241.18
	Total Assets:	271,129.82
		<u>271,129.82</u>
Liability		
014-21310	Accounts Payable	1,031.47
014-25910	Vacation Payable	-1,094.58
	Total Liability:	-63.11
Equity		
014-39299	Fund Equity	211,672.30
	Total Beginning Equity:	211,672.30
Total Revenue		128,003.69
Total Expense		68,483.06
Revenues Over/Under Expenses		59,520.63
	Total Equity and Current Surplus (Deficit):	271,192.93
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>271,129.82</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 020 - PUBLIC SAFETY		
Assets		
020-11100	Claim on Cash	-31,836.78
020-11101	LGIP Claim on Cash	212,046.72
020-12115	Taxes Receivable	11,013.00
020-14370	Prepaid Expenses	22,376.77
020-15011	Restricted - Drug Enforcement	300.00
	Total Assets:	<u>213,899.71</u>
		<u>213,899.71</u>
Liability		
020-21310	Accounts Payable	1,779.91
020-23161	Health Benefits Package	-40.00
020-23162	PERS	-0.04
020-25710	Deferred Revenue	9,752.00
020-25910	Vacation Payable	-20,394.28
	Total Liability:	<u>-8,902.41</u>
Equity		
020-39299	Fund Equity	49,779.81
	Total Beginning Equity:	<u>49,779.81</u>
Total Revenue		400,652.92
Total Expense		<u>227,630.61</u>
Revenues Over/Under Expenses		173,022.31
	Total Equity and Current Surplus (Deficit):	<u>222,802.12</u>
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>213,899.71</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 030 - WATER ENTERPRISE FUND		
Assets		
030-11100	Claim on Cash	6,646.86
030-11101	LGIP Claim on Cash	4,066.86
030-12210	Accounts Receivable	11,575.70
030-14370	Prepaid Expenses	14,975.71
030-14400	Deferred Outflow	143,137.00
030-14410	Deferred Outflow - RHIA	916.00
030-14510	Construction in Progress	248,798.00
030-14610	RHIA Asset - Net	1,973.00
030-15010	Restricted Cash-Deposits	4,650.00
030-17110	Land	83,862.35
030-17120	Land-Bussman Property	135,464.00
030-17210	Water Plant Building	152,028.00
030-17311	Water System Improvements	2,837,700.74
030-18110	Equipment	389,966.72
030-19310	Accum Depreciation-Equipment	-232,637.00
030-19320	Accum Depreciation-Bldg	-132,273.00
030-19330	Accum Depreciation-Water Syste	-2,165,545.00
	Total Assets:	1,505,305.94
		<u>1,505,305.94</u>
Liability		
030-21310	Accounts Payable	9,721.18
030-23153	Workers Comp/Payable	-0.54
030-24510	Deposits-Restricted Water & Sewer	3,250.00
030-24511	Unapplied Credit-Water	12,012.11
030-25710	Deferred Inflow	20,695.00
030-25720	Deferred Inflow - RHIA	340.00
030-25790	Net Pension Liability	378,913.00
030-25910	Vacation Payable	9,096.00
	Total Liability:	434,026.75
Equity		
030-39289	Capital assets, net of debt.	1,270,945.58
030-39299	Fund Equity	-126,066.77
	Total Beginning Equity:	1,144,878.81
Total Revenue		222,934.35
Total Expense		296,533.97
Revenues Over/Under Expenses		-73,599.62
	Total Equity and Current Surplus (Deficit):	1,071,279.19
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>1,505,305.94</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 031 - WATER CAPITAL RESERVES		
Assets		
031-11101	LGIP Claim on Cash	148,656.90
	Total Assets:	<u>148,656.90</u>
		<u>148,656.90</u>
Liability		
	Total Liability:	<u>0.00</u>
Equity		
031-39299	Fund Equity	81,543.26
	Total Beginning Equity:	<u>81,543.26</u>
Total Revenue		67,113.64
Total Expense		<u>0.00</u>
Revenues Over/Under Expenses		67,113.64
	Total Equity and Current Surplus (Deficit):	148,656.90
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>148,656.90</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 035 - SEWER ENTERPRISE FUND		
Assets		
035-11100	Claim on Cash	47,705.04
035-11101	LGIP Claim on Cash	201,523.46
035-12210	Accounts Receivable	10,071.21
035-14370	Prepaid Expenses	12,454.80
035-14400	Deferred Outflow	104,129.00
035-14410	Deferred Outflow - RHIA	666.00
035-14610	RHIA Asset - Net	1,436.00
035-15010	Restricted Cash-Deposits	4,050.00
035-15110	Restricted-Reserve Bond 1 & 2	48,916.00
035-15111	Restricted-Reserve Bond 3	133,252.00
035-17110	Land	1,390.00
035-17310	Sewer System Improvements	6,182,876.02
035-18110	Equipment	58,694.00
035-19300	Accumulated Depreciation	-2,710,892.47
035-19310	Accum Depreciation-Equipment	-52,561.00
	Total Assets:	4,043,710.06
		<u>4,043,710.06</u>
Liability		
035-21310	Accounts Payable	10,947.98
035-21720	Sewer Revenue Bond	499,645.00
035-21730	Sewer Revenue Bond 2003	1,980,500.50
035-23110	Interest Payable	21,522.39
035-23153	Workers Comp/Payable	-0.56
035-24510	Deposits-Restricted Water & Sewer	3,150.00
035-25710	Deferred Inflow	15,057.00
035-25720	Deferred Inflow - RHIA	247.00
035-25790	Net Pension Liability	275,651.00
035-25910	Vacation Payable	3,842.00
	Total Liability:	2,810,562.31
Equity		
035-39289	Capital assets, net of debt.	1,198,131.05
035-39295	Restricted Fund Equity	182,168.00
035-39299	Fund Equity	-117,356.85
	Total Beginning Equity:	1,262,942.20
Total Revenue		267,102.33
Total Expense		296,896.78
Revenues Over/Under Expenses		-29,794.45
	Total Equity and Current Surplus (Deficit):	1,233,147.75
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>4,043,710.06</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance	
Fund: 036 - SEWER CAPITAL RESERVES			
Assets			
036-11101	LGIP Claim on Cash	329,864.82	
	Total Assets:	<u>329,864.82</u>	<u>329,864.82</u>
Liability			
	Total Liability:	<u>0.00</u>	
Equity			
036-39299	Fund Equity	253,634.45	
	Total Beginning Equity:	<u>253,634.45</u>	
Total Revenue		76,230.37	
Total Expense		<u>0.00</u>	
Revenues Over/Under Expenses		<u>76,230.37</u>	
	Total Equity and Current Surplus (Deficit):	329,864.82	
	Total Liabilities, Equity and Current Surplus (Deficit):		<u>329,864.82</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance	
Fund: 040 - STREET FUND			
Assets			
040-11100	Claim on Cash	865.40	
040-11101	LGIP Claim on Cash	72,737.74	
040-14370	Prepaid Expenses	7,800.94	
	Total Assets:	<u>81,404.08</u>	<u>81,404.08</u>
Liability			
040-21310	Accounts Payable	832.00	
040-25910	Vacation Payable	-2,539.80	
	Total Liability:	<u>-1,707.80</u>	
Equity			
040-39299	Fund Equity	102,825.34	
	Total Beginning Equity:	<u>102,825.34</u>	
Total Revenue		25,205.38	
Total Expense		<u>44,918.84</u>	
Revenues Over/Under Expenses		-19,713.46	
	Total Equity and Current Surplus (Deficit):	<u>83,111.88</u>	
	Total Liabilities, Equity and Current Surplus (Deficit):		<u><u>81,404.08</u></u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 042 - STREETS CAPITAL IMPROVEMENT		
Assets		
042-11101	LGIP Claim on Cash	46,521.97
	Total Assets:	<u>46,521.97</u>
		<u><u>46,521.97</u></u>
Liability		
	Total Liability:	<u>0.00</u>
Equity		
042-39299	Fund Equity	26,713.13
	Total Beginning Equity:	<u>26,713.13</u>
Total Revenue		19,808.84
Total Expense		<u>0.00</u>
Revenues Over/Under Expenses		19,808.84
	Total Equity and Current Surplus (Deficit):	46,521.97
	Total Liabilities, Equity and Current Surplus (Deficit):	<u><u>46,521.97</u></u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance
Fund: 045 - EQUIPMENT REPLACEMENT FUND		
Assets		
045-11100	Claim on Cash	8,374.98
045-11101	LGIP Claim on Cash	73,955.38
045-18110	Equipment	140,275.02
045-19310	Accum Depreciation-Equipment	-112,529.00
	Total Assets:	110,076.38
		<u>110,076.38</u>
Liability		
	Total Liability:	0.00
Equity		
045-39289	Capital Assets, Net of Debt	46,754.02
045-39299	Fund Equity	74,629.46
	Total Beginning Equity:	121,383.48
Total Revenue		692.90
Total Expense		12,000.00
Revenues Over/Under Expenses		-11,307.10
	Total Equity and Current Surplus (Deficit):	110,076.38
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>110,076.38</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance	
Fund: 061 - WATER SYSTEM DEVELOPMENT			
Assets			
061-11100	Claim on Cash	52,744.00	
061-11101	LGIP Claim on Cash	485,842.59	
	Total Assets:	<u>538,586.59</u>	<u>538,586.59</u>
Liability			
	Total Liability:	<u>0.00</u>	
Equity			
061-39299	Fund Equity	534,366.15	
	Total Beginning Equity:	<u>534,366.15</u>	
Total Revenue		4,220.44	
Total Expense		<u>0.00</u>	
Revenues Over/Under Expenses		4,220.44	
	Total Equity and Current Surplus (Deficit):	<u>538,586.59</u>	
	Total Liabilities, Equity and Current Surplus (Deficit):		<u>538,586.59</u>

Balance Sheet

As Of 12/31/2022

Account	Name	Balance	
Fund: 062 - SEWER SYSTEM DEVELOPMENT			
Assets			
062-11100	Claim on Cash	50,711.70	
062-11101	LGIP Claim on Cash	321,786.95	
	Total Assets:	<u>372,498.65</u>	<u><u>372,498.65</u></u>
Liability			
	Total Liability:	<u>0.00</u>	
Equity			
062-39299	Fund Equity	359,470.61	
	Total Beginning Equity:	<u>359,470.61</u>	
Total Revenue		13,028.04	
Total Expense		<u>0.00</u>	
Revenues Over/Under Expenses		13,028.04	
	Total Equity and Current Surplus (Deficit):	<u>372,498.65</u>	
	Total Liabilities, Equity and Current Surplus (Deficit):		<u><u>372,498.65</u></u>

Balance Sheet

As Of 12/31/2022

Account
Fund: 998 - POOLED CASH LGIP
Assets

Name	Balance
Cash in Bank - LGIP	<u>2,824,859.22</u>
Total Assets:	<u>2,824,859.22</u>
	<u>2,824,859.22</u>
Due to Other Funds- LGIP	<u>2,824,859.22</u>
Total Liability:	<u>2,824,859.22</u>
Total Equity and Current Surplus (Deficit):	0.00
Total Liabilities, Equity and Current Surplus (Deficit):	<u>2,824,859.22</u>

Liability

998-22001

Balance Sheet

As Of 12/31/2022

Account	Name	Balance	
Fund: 999 - POOLED CASH - OPERATING			
Assets			
999-11002	Rogue Checking 9177	34,143.27	
999-13010	Due from General Fund	2,869.33	
999-13014	Due from Parks Fund	1,031.47	
999-13020	Due from Public Safety-Police	1,779.91	
999-13030	Due from Water Operations	9,721.18	
999-13035	Due from Sewer Fund	10,947.98	
999-13040	Due from Street Fund	832.00	
	Total Assets:	<u>61,325.14</u>	<u>61,325.14</u>
Liability			
999-21310	Accounts Payable	27,181.87	
999-22000	Due to Other Funds	34,143.27	
	Total Liability:	<u>61,325.14</u>	
	Total Equity and Current Surplus (Deficit):		0.00
	Total Liabilities, Equity and Current Surplus (Deficit):		<u>61,325.14</u>

Income Statement Account Summary

For Fiscal: 2022-2023 Period Ending: 12/31/2022

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining	
Fund: 010 - GENERAL FUND						
Revenue						
010-00-40100	Prior Year Fund Balance	744,928.00	744,928.00	0.00	0.00	744,928.00
010-00-41110	Property Taxes Current	339,915.00	339,915.00	18,340.28	312,081.50	27,833.50
010-00-41120	Property Taxes-Prior	9,500.00	9,500.00	351.11	5,101.62	4,398.38
010-00-41160	Local Marijuana Tax	3,000.00	3,000.00	1,330.45	7,545.59	-4,545.59
010-00-41210	State Cigarette Tax	1,200.00	1,200.00	0.00	323.20	876.80
010-00-41220	State Liquor Tax	20,500.00	20,500.00	0.00	7,958.63	12,541.37
010-00-41310	State Revenue Sharing	10,248.00	10,248.00	3,519.45	6,332.64	3,915.36
010-00-41320	Payment in Lieu of Tax (PILOT)	1,090.00	1,090.00	0.00	971.76	118.24
010-00-42010	Interest on Investments	3,000.00	3,000.00	0.00	3,253.71	-253.71
010-00-42110	LSN - Franchise Fees	4,202.00	4,202.00	0.00	3,607.58	594.42
010-00-42111	Charter Franchise Fees	14,000.00	14,000.00	0.00	6,825.89	7,174.11
010-00-42112	Frontier Franchise Fees	2,251.00	2,251.00	0.00	0.00	2,251.00
010-00-42210	Business Licenses	16,500.00	16,500.00	105.00	7,297.50	9,202.50
010-00-44214	Court Administrative Fees	0.00	0.00	50.00	230.00	-230.00
010-00-44330	Planning Fees	8,000.00	8,000.00	91.00	5,537.40	2,462.60
010-00-44340	Lien Search Fees	500.00	500.00	10.00	110.00	390.00
010-00-45120	Citations	270,000.00	270,000.00	10,461.75	85,856.75	184,143.25
010-00-45730	Circuit Court Collection	3,711.00	3,711.00	0.00	286.30	3,424.70
010-00-46114	Charge to Parks Fund	10,000.00	10,000.00	0.00	0.00	10,000.00
010-00-46120	Charge to Public Safety Fund	28,500.00	28,500.00	0.00	0.00	28,500.00
010-00-46140	Charge to Street Fund	13,000.00	13,000.00	0.00	0.00	13,000.00
010-00-46150	Donation: Grant Writing	30,000.00	30,000.00	0.00	0.00	30,000.00
010-00-46210	Miscellaneous Receipts	100.00	100.00	0.00	128,049.25	-127,949.25
010-00-46880	Reimbursements	14,000.00	14,000.00	0.00	0.00	14,000.00
	Revenue Total:	1,548,145.00	1,548,145.00	34,259.04	581,369.32	966,775.68
Expense						
010-10-51200	Administrator/Manager	35,000.00	35,000.00	1,775.36	9,764.48	25,235.52
010-10-51350	Accounting Assistant	12,000.00	12,000.00	1,141.93	6,588.01	5,411.99
010-10-51400	Accountant	30,000.00	30,000.00	0.00	0.00	30,000.00
010-10-52010	Social Security	6,169.00	6,169.00	199.55	1,123.07	5,045.93
010-10-52020	PERS Retirement	6,000.00	6,000.00	760.29	4,261.68	1,738.32
010-10-52030	Worker's Comp./Disability Ins.	4,131.00	4,131.00	0.97	5.67	4,125.33
010-10-52040	Health, Dental, Life Ins.	23,975.00	23,975.00	1,281.10	13,399.38	10,575.62
010-10-62210	Telephone	4,500.00	4,500.00	403.92	2,159.54	2,340.46
010-10-62310	Management Travel	0.00	0.00	0.00	70.00	-70.00
010-10-62912	Dues & OR Statutes	2,500.00	2,500.00	0.00	2,268.46	231.54
010-20-51310	Court Clerk	11,432.00	11,432.00	604.76	3,362.63	8,069.37
010-20-51350	Clerical	2,372.00	2,372.00	228.38	1,317.58	1,054.42
010-20-52010	Social Security	1,039.00	1,039.00	59.93	228.74	810.26
010-20-52020	PERS Retirement	3,951.00	3,951.00	217.14	1,328.52	2,622.48
010-20-52030	Worker's Comp./Disability Ins.	8.00	8.00	0.34	2.27	5.73
010-20-52040	Health, Dental, Life Ins.	4,664.00	4,664.00	183.23	2,507.91	2,156.09
010-20-61210	Office & Operating Supplies	1,221.00	1,221.00	0.00	53.10	1,167.90
010-20-61230	Software Maintenance	637.00	637.00	0.00	1,868.40	-1,231.40
010-20-62170	Judge Contract	4,280.00	4,280.00	300.00	1,800.00	2,480.00
010-20-62210	Telephone	448.00	448.00	43.12	276.63	171.37
010-20-62230	Postage	944.00	944.00	0.00	204.07	739.93
010-20-62343	Travel & Training / Meetings	447.00	447.00	0.00	296.80	150.20
010-20-62910	Ordinance Enforcement	219.00	219.00	0.00	0.00	219.00
010-20-62912	Dues & OR Statutes	107.00	107.00	0.00	40.00	67.00
010-20-62941	Reimbursements/Citations	4,497.00	4,497.00	0.00	253.00	4,244.00

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
010-20-63220 State Assessment	53,572.00	53,572.00	-3,119.00	9,606.00	43,966.00
010-20-63230 County Assessments	15,138.00	15,138.00	-1,011.00	2,385.81	12,752.19
010-30-51200 Administrator/Manager	8,000.00	8,000.00	591.78	3,254.79	4,745.21
010-30-51520 Police Chief	3,910.00	3,910.00	294.06	1,617.33	2,292.67
010-30-52010 Social Security	1,000.00	1,000.00	65.67	361.13	638.87
010-30-52020 PERS Retirement	1,500.00	1,500.00	232.00	1,276.00	224.00
010-30-52030 Worker's Comp./Disability Ins.	100.00	100.00	0.29	1.64	98.36
010-30-52040 Health, Dental, Life Ins.	2,000.00	2,000.00	156.15	863.71	1,136.29
010-30-61210 Office & Operating Supplies	3,000.00	3,000.00	0.00	0.00	3,000.00
010-30-62230 Postage	500.00	500.00	0.00	0.00	500.00
010-30-62835 Small Tools & Minor Equipment	10,000.00	10,000.00	0.00	0.00	10,000.00
010-30-62936 Miscellaneous	1,000.00	1,000.00	0.00	0.00	1,000.00
010-50-51301 Planning Assistant	6,049.00	6,049.00	591.78	3,256.11	2,792.89
010-50-52010 Social Security	446.00	446.00	43.60	239.90	206.10
010-50-52020 PERS Retirement	1,834.00	1,834.00	154.20	848.45	985.55
010-50-52030 Worker's Comp./Disability Ins.	3.00	3.00	0.20	1.10	1.90
010-50-52040 Health, Dental, Life Ins.	1,190.00	1,190.00	124.27	683.46	506.54
010-50-62150 Planning Contract	22,000.00	22,000.00	457.60	2,501.40	19,498.60
010-50-62160 Professional Services	500.00	500.00	0.00	86.58	413.42
010-50-62175 Legal Services	1,000.00	1,000.00	0.00	0.00	1,000.00
010-50-62230 Postage	500.00	500.00	0.00	382.92	117.08
010-50-62410 Advertising	200.00	200.00	0.00	180.00	20.00
010-60-61210 Office & Operating Supplies	8,931.00	8,931.00	387.39	3,869.50	5,061.50
010-60-61220 Office Equip. Leases	2,230.00	2,230.00	0.00	299.08	1,930.92
010-60-61230 Software Maintenance	10,034.00	10,034.00	0.00	7,713.66	2,320.34
010-60-62100 Bank Charges	5,155.00	5,155.00	0.00	683.23	4,471.77
010-60-62110 Auditing & Accounting	15,545.00	15,545.00	0.00	17,449.96	-1,904.96
010-60-62140 Computer Services	2,831.00	2,831.00	698.00	4,295.99	-1,464.99
010-60-62160 Professional Services	2,007.00	2,007.00	0.00	236.10	1,770.90
010-60-62161 Professional Grant Writing Services	40,000.00	40,000.00	0.00	0.00	40,000.00
010-60-62175 Legal Services	46,479.00	46,479.00	1,200.00	8,300.00	38,179.00
010-60-62180 Port Orford Rural Fire Dist.	53,946.00	53,946.00	0.00	0.00	53,946.00
010-60-62190 Curry County 911 Dispatch Service	35,000.00	35,000.00	0.00	15,913.50	19,086.50
010-60-62220 Internet Access	1,500.00	1,500.00	112.97	677.82	822.18
010-60-62230 Postage	1,500.00	1,500.00	0.00	901.92	598.08
010-60-62343 Travel & Training / Meetings	1,000.00	1,000.00	70.62	355.62	644.38
010-60-62410 Advertising	500.00	500.00	0.00	432.00	68.00
010-60-62610 Insurance & Bonds	21,588.00	21,588.00	0.00	0.00	21,588.00
010-60-62740 Electricity	15,633.00	15,633.00	1,468.56	4,966.73	10,666.27
010-60-62805 R & M City Hall	20,000.00	20,000.00	109.90	548.25	19,451.75
010-60-62819 Municipal Code Book	2,000.00	2,000.00	0.00	0.00	2,000.00
010-60-62835 Small Tools and Minor Equip.	6,500.00	6,500.00	203.91	1,457.05	5,042.95
010-60-62920 Dues & Memberships	250.00	250.00	0.00	0.00	250.00
010-60-62930 Custodial Services	3,000.00	3,000.00	242.26	1,453.56	1,546.44
010-60-62935 Custodial Supplies	500.00	500.00	87.05	406.21	93.79
010-60-62936 Miscellaneous	2,056.00	2,056.00	0.00	100.00	1,956.00
010-60-72012 City Hall Repairs	75,000.00	75,000.00	0.00	0.00	75,000.00
010-60-91114 Transfer to Parks Fund	30,000.00	30,000.00	0.00	0.00	30,000.00
010-60-91120 Transfer to Public Safety Fund	350,000.00	350,000.00	0.00	145,833.33	204,166.67
010-60-91130 Transfer to Water Enterprise	450,000.00	450,000.00	0.00	0.00	450,000.00
010-60-91142 Transfer to Streets Capital Improvement	27,000.00	27,000.00	0.00	19,614.81	7,385.19
010-60-98500 Contingency	23,977.00	23,977.00	0.00	0.00	23,977.00
Expense Total:	1,548,145.00	1,548,145.00	10,362.28	316,234.59	1,231,910.41
Fund: 010 - GENERAL FUND Surplus (Deficit):	0.00	0.00	23,896.76	265,134.73	
Fund: 014 - PARKS FUND					
Revenue					
014-00-40100 Prior Year Fund Balance	37,114.00	37,114.00	0.00	0.00	37,114.00
014-00-41410 Transient Lodging Tax	140,000.00	140,000.00	13.96	124,557.71	15,442.29
014-00-42010 Interest on Investments	800.00	800.00	0.00	1,976.70	-1,176.70

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
014-00-43419	5,000.00	5,000.00	0.00	100.00	4,900.00
014-00-44410	1,000.00	1,000.00	0.00	0.00	1,000.00
014-00-44420	3,000.00	3,000.00	0.00	0.00	3,000.00
014-00-44430	300.00	300.00	0.00	0.00	300.00
014-00-46110	30,000.00	30,000.00	0.00	0.00	30,000.00
014-00-46210	100.00	100.00	0.00	0.00	100.00
014-00-46880	500.00	500.00	0.00	0.00	500.00
014-00-46887	0.00	0.00	0.00	900.00	-900.00
014-00-46888	118.00	118.00	0.00	0.00	118.00
014-00-46890	0.00	0.00	0.00	469.28	-469.28
Revenue Total:	217,932.00	217,932.00	13.96	128,003.69	89,928.31
Expense					
014-00-51505	1,000.00	1,000.00	887.76	4,763.19	-3,763.19
014-00-51600	1,428.00	1,428.00	138.45	750.65	677.35
014-00-51800	5,200.00	5,200.00	438.32	2,353.28	2,846.72
014-00-51801	4,124.00	4,124.00	1,495.91	4,367.44	-243.44
014-00-51810	6,000.00	6,000.00	544.10	2,925.11	3,074.89
014-00-51820	5,000.00	5,000.00	0.00	0.00	5,000.00
014-00-52010	2,500.00	2,500.00	246.57	1,111.61	1,388.39
014-00-52020	5,000.00	5,000.00	582.90	3,139.62	1,860.38
014-00-52030	4,200.00	4,200.00	1.39	5.67	4,194.33
014-00-52040	7,500.00	7,500.00	1,674.43	7,283.95	216.05
014-00-53014	10,000.00	10,000.00	0.00	0.00	10,000.00
014-00-61210	500.00	500.00	0.00	0.00	500.00
014-00-61260	750.00	750.00	0.00	0.00	750.00
014-00-61340	1,950.00	1,950.00	314.36	1,391.07	558.93
014-00-61360	1,500.00	1,500.00	271.89	271.89	1,228.11
014-00-61361	1,500.00	1,500.00	0.00	1,791.79	-291.79
014-00-62110	1,000.00	1,000.00	0.00	1,453.90	-453.90
014-00-62160	500.00	500.00	0.00	79.54	420.46
014-00-62165	15,000.00	15,000.00	0.00	9,690.00	5,310.00
014-00-62210	400.00	400.00	45.22	271.32	128.68
014-00-62220	1,500.00	1,500.00	100.96	1,025.71	474.29
014-00-62410	50,000.00	50,000.00	0.00	0.00	50,000.00
014-00-62415	1,511.00	1,511.00	0.00	0.00	1,511.00
014-00-62610	4,314.00	4,314.00	0.00	0.00	4,314.00
014-00-62740	1,212.00	1,212.00	0.00	1,038.45	173.55
014-00-62744	700.00	700.00	0.00	730.81	-30.81
014-00-62745	5,000.00	5,000.00	0.00	422.43	4,577.57
014-00-62812	2,500.00	2,500.00	1,935.25	3,550.12	-1,050.12
014-00-62813	1,000.00	1,000.00	0.00	0.00	1,000.00
014-00-62814	2,000.00	2,000.00	43.54	230.31	1,769.69
014-00-62817	5,000.00	5,000.00	74.70	298.80	4,701.20
014-00-62825	1,200.00	1,200.00	174.15	3,667.79	-2,467.79
014-00-62827	1,000.00	1,000.00	530.61	951.24	48.76
014-00-62829	2,000.00	2,000.00	135.62	508.99	1,491.01
014-00-62835	500.00	500.00	0.00	810.37	-310.37
014-00-62836	4,100.00	4,100.00	0.00	0.00	4,100.00
014-00-62837	2,000.00	2,000.00	0.00	4,184.98	-2,184.98
014-00-62840	0.00	0.00	0.00	59.10	-59.10
014-00-62842	4,758.00	4,758.00	0.00	1,505.00	3,253.00
014-00-62845	0.00	0.00	0.00	2.49	-2.49
014-00-62846	1,000.00	1,000.00	0.00	0.00	1,000.00
014-00-62930	1,600.00	1,600.00	1,307.74	7,846.44	-6,246.44
014-00-62936	100.00	100.00	0.00	0.00	100.00
014-00-62945	8,000.00	8,000.00	0.00	0.00	8,000.00
014-00-72036	200.00	200.00	0.00	0.00	200.00
014-00-72040	2,500.00	2,500.00	0.00	0.00	2,500.00
014-00-73039	1,000.00	1,000.00	0.00	0.00	1,000.00

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
014-00-99000	Unappropriated Reserves	38,185.00	38,185.00	0.00	0.00	38,185.00
	Expense Total:	217,932.00	217,932.00	10,943.87	68,483.06	149,448.94
	Fund: 014 - PARKS FUND Surplus (Deficit):	0.00	0.00	-10,929.91	59,520.63	
Fund: 020 - PUBLIC SAFETY						
Revenue						
020-00-40100	Prior Year Fund Balance	-114,821.00	-114,821.00	0.00	0.00	-114,821.00
020-00-41120	Property Taxes-Prior	9,565.00	9,565.00	75.13	3,484.12	6,080.88
020-00-41130	Public Safety Tax Option	279,912.00	279,912.00	0.00	247,866.82	32,045.18
020-00-41310	State Marijuana Tax	5,000.00	5,000.00	0.00	0.00	5,000.00
020-00-42010	Interest on Investments	1,500.00	1,500.00	0.00	256.52	1,243.48
020-00-43430	Police Grants	1,737.00	1,737.00	0.00	0.00	1,737.00
020-00-44190	Professional Services	6.00	6.00	0.00	0.00	6.00
020-00-44191	Burning Permit	360.00	360.00	30.00	125.00	235.00
020-00-45150	Insurance/Reimbursement	337.00	337.00	0.00	0.00	337.00
020-00-46110	Transfer From General Fund	350,000.00	350,000.00	0.00	145,833.33	204,166.67
020-00-46210	Miscellaneous Receipts	1,020.00	1,020.00	384.13	3,087.13	-2,067.13
020-00-46710	Unclaimed Property	6,888.00	6,888.00	0.00	0.00	6,888.00
020-00-46880	Reimbursements	428.00	428.00	0.00	0.00	428.00
	Revenue Total:	541,932.00	541,932.00	489.26	400,652.92	141,279.08
Expense						
020-00-51100	Overtime	16,000.00	16,000.00	1,778.04	6,413.91	9,586.09
020-00-51120	On Call Pay	8,500.00	8,500.00	593.25	4,046.25	4,453.75
020-00-51520	Police Chief	65,000.00	65,000.00	6,116.45	32,670.10	32,329.90
020-00-51740	Police Sergeant	55,000.00	55,000.00	0.00	19,084.37	35,915.63
020-00-51755	Police Officer #2	48,750.00	48,750.00	4,579.80	25,594.60	23,155.40
020-00-51757	Police Officer #3	51,150.00	51,150.00	4,135.29	25,754.65	25,395.35
020-00-51850	Police Officer #4	20,000.00	20,000.00	2,031.21	13,418.64	6,581.36
020-00-52010	Social Security	21,957.00	21,957.00	1,441.04	9,522.48	12,434.52
020-00-52020	PERS Retirement	69,000.00	69,000.00	5,528.40	36,578.43	32,421.57
020-00-52030	Worker's Comp./Disability Ins.	12,000.00	12,000.00	6.26	41.67	11,958.33
020-00-52040	Health, Dental, Life Ins.	87,472.00	87,472.00	3,020.36	26,221.40	61,250.60
020-00-53020	Charge to Public Safety	31,452.00	31,452.00	0.00	0.00	31,452.00
020-00-61210	Office & Operating Supplies	2,000.00	2,000.00	127.98	419.14	1,580.86
020-00-61260	Uniforms	4,000.00	4,000.00	0.00	785.96	3,214.04
020-00-61340	Fuel (Equip & Vehicles)	13,100.00	13,100.00	2,244.03	8,556.74	4,543.26
020-00-61350	Reserves Fuel	0.00	0.00	-1,289.53	0.00	0.00
020-00-62110	Auditing & Accounting	2,000.00	2,000.00	0.00	3,323.20	-1,323.20
020-00-62140	Computer Services	110.00	110.00	672.64	781.64	-671.64
020-00-62210	Telephone	6,734.00	6,734.00	576.20	2,135.99	4,598.01
020-00-62230	Postage	300.00	300.00	0.00	79.72	220.28
020-00-62343	Travel & Training / Meetings	2,504.00	2,504.00	0.00	24.61	2,479.39
020-00-62610	Insurance & Bonds	10,500.00	10,500.00	0.00	0.00	10,500.00
020-00-62835	Small Tools & Minor Equipment	1,000.00	1,000.00	819.53	860.48	139.52
020-00-62840	Vehicles & Equipment Maint.	6,000.00	6,000.00	231.21	2,234.41	3,765.59
020-00-62920	Dues & Memberships	532.00	532.00	300.00	300.00	232.00
020-00-62936	Miscellaneous	200.00	200.00	0.00	0.00	200.00
020-00-63215	Justice System	7,000.00	7,000.00	2,859.00	6,132.00	868.00
020-00-63216	King's Online	800.00	800.00	75.00	718.00	82.00
020-00-63223	Lexipol	2,647.00	2,647.00	0.00	1,932.22	714.78
020-00-74070	Equipment	10,000.00	10,000.00	0.00	0.00	10,000.00
	Expense Total:	555,708.00	555,708.00	35,846.16	227,630.61	328,077.39
	Fund: 020 - PUBLIC SAFETY Surplus (Deficit):	-13,776.00	-13,776.00	-35,356.90	173,022.31	
Fund: 030 - WATER ENTERPRISE FUND						
Revenue						
030-00-40100	Prior Year Fund Balance	54,027.00	54,027.00	0.00	0.00	54,027.00
030-00-42010	Interest on Investments	1,000.00	1,000.00	0.00	539.82	460.18
030-00-43438	Hubbards Creek Watershed Grant	525,000.00	525,000.00	0.00	0.00	525,000.00
030-00-44109	Designated for Reserves	58,606.00	58,606.00	4,532.79	25,884.60	32,721.40

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
030-00-44110 Water Usage	400,000.00	400,000.00	29,806.77	170,063.05	229,936.95
030-00-44111 Door Hanger Fees	3,000.00	3,000.00	0.00	250.00	2,750.00
030-00-44112 Past Due Fees	13,000.00	13,000.00	975.00	5,805.00	7,195.00
030-00-44113 Contractor Water Usage	500.00	500.00	0.00	150.00	350.00
030-00-44114 Reconnect Fee	1,500.00	1,500.00	180.00	900.00	600.00
030-00-44116 Curtailment Fees	2,500.00	2,500.00	1,878.54	19,430.88	-16,930.88
030-00-44210 Water Connection Fees	5,000.00	5,000.00	0.00	0.00	5,000.00
030-00-45010 Irrigation Meters	1,000.00	1,000.00	0.00	0.00	1,000.00
030-00-45500 Restricted Cash-Deposits	2,000.00	2,000.00	100.00	-150.00	2,150.00
030-00-46110 Transfer from General Fund	450,000.00	450,000.00	0.00	0.00	450,000.00
030-00-46210 Miscellaneous Receipts	213.00	213.00	15.00	61.00	152.00
030-00-46231 Transfer from Water Capital Reserves	100,000.00	100,000.00	0.00	0.00	100,000.00
030-00-46880 Reimbursements	1,000.00	1,000.00	0.00	0.00	1,000.00
030-00-46885 Bad Debt Received	500.00	500.00	0.00	0.00	500.00
Revenue Total:	1,618,846.00	1,618,846.00	37,488.10	222,934.35	1,395,911.65
Expense					
030-00-51100 Overtime	20,000.00	20,000.00	1,190.47	9,313.75	10,686.25
030-00-51120 On Call Pay	0.00	0.00	1,227.00	6,466.50	-6,466.50
030-00-51210 City Administrator	15,000.00	15,000.00	1,420.28	7,811.54	7,188.46
030-00-51300 Office Clerk	21,776.00	21,776.00	1,209.50	6,727.88	15,048.12
030-00-51350 Accounting Assistant	5,000.00	5,000.00	433.93	2,503.47	2,496.53
030-00-51400 Accountant	3,000.00	3,000.00	0.00	0.00	3,000.00
030-00-51505 PW Superintendent	32,500.00	32,500.00	3,360.82	18,032.10	14,467.90
030-00-51600 WWTP Operator	1,500.00	1,500.00	92.30	500.46	999.54
030-00-51800 Maintenance Worker #1	20,244.00	20,244.00	2,191.55	11,766.37	8,477.63
030-00-51801 Utility Worker #3	36,540.00	36,540.00	3,598.05	17,875.47	18,664.53
030-00-51810 Maintenance Worker #2	15,000.00	15,000.00	1,450.95	7,800.30	7,199.70
030-00-51820 Maintenance Worker #3	10,000.00	10,000.00	0.00	0.00	10,000.00
030-00-52010 Social Security	17,042.00	17,042.00	1,186.13	6,556.00	10,486.00
030-00-52020 PERS Retirement	54,303.00	54,303.00	4,002.31	22,634.84	31,668.16
030-00-52030 Worker's Comp./Disability Ins.	9,691.00	9,691.00	5.50	31.26	9,659.74
030-00-52040 Health, Dental, Life Ins.	69,517.00	69,517.00	4,223.40	20,333.55	49,183.45
030-00-61210 Office & Operating Supplies	1,889.00	1,889.00	98.91	739.06	1,149.94
030-00-61212 Water Purification Supplies	12,000.00	12,000.00	4,355.00	12,087.20	-87.20
030-00-61220 Office Equip. Leases	1,000.00	1,000.00	0.00	564.66	435.34
030-00-61230 Software Maintenance	4,000.00	4,000.00	341.25	3,874.82	125.18
030-00-61260 Uniforms	600.00	600.00	0.00	658.97	-58.97
030-00-61340 Fuel (Equip & Vehicles)	4,500.00	4,500.00	410.95	1,932.54	2,567.46
030-00-62100 Bank Charges	2,089.00	2,089.00	0.00	4,228.00	-2,139.00
030-00-62110 Auditing & Accounting	7,500.00	7,500.00	0.00	11,631.20	-4,131.20
030-00-62121 Engineering	15,000.00	15,000.00	0.00	0.00	15,000.00
030-00-62160 Contract Services	8,250.00	8,250.00	500.00	3,000.00	5,250.00
030-00-62210 Telephone	7,000.00	7,000.00	635.62	3,152.20	3,847.80
030-00-62220 Internet Access	750.00	750.00	89.99	539.94	210.06
030-00-62230 Postage	2,562.00	2,562.00	300.00	1,776.67	785.33
030-00-62343 Travel & Training / Meetings	1,986.00	1,986.00	210.00	2,342.47	-356.47
030-00-62610 Insurance & Bonds	9,021.00	9,021.00	0.00	0.00	9,021.00
030-00-62740 Electricity	30,000.00	30,000.00	2,678.67	16,229.92	13,770.08
030-00-62811 Repairs/Maint-WTP	15,000.00	15,000.00	3,996.39	9,169.56	5,830.44
030-00-62816 Repairs & Maintenance Pump St	25,000.00	25,000.00	227.40	2,031.53	22,968.47
030-00-62830 Repairs & Maint.-Water Lines	20,000.00	20,000.00	0.00	1,957.44	18,042.56
030-00-62835 Small Tools & Minor Equipment	5,000.00	5,000.00	14.99	564.87	4,435.13
030-00-62840 Vehicles & Equipment Maint.	10,000.00	10,000.00	1,072.93	3,165.23	6,834.77
030-00-62844 Meter Repairs	10,000.00	10,000.00	0.00	0.00	10,000.00
030-00-62845 Repairs/Maint.(Test Equipment)	1,000.00	1,000.00	19.74	480.55	519.45
030-00-62912 Dues & OR Statutes	1,000.00	1,000.00	75.00	465.30	534.70
030-00-62925 Permits	4,000.00	4,000.00	562.11	2,062.11	1,937.89
030-00-62936 Miscellaneous	150.00	150.00	0.00	0.00	150.00
030-00-62943 Reimbursements / Deposits	500.00	500.00	0.00	0.00	500.00

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
030-00-62980	Lab Equipment & Supplies	2,500.00	2,500.00	1,033.33	1,829.55	670.45
030-00-62990	Testing	5,200.00	5,200.00	390.00	2,913.39	2,286.61
030-00-62995	Bric Grant	0.00	0.00	4,352.50	4,352.50	-4,352.50
030-00-63010	Hubbards Creek Watershed Grant	0.00	0.00	0.00	0.10	-0.10
030-00-73031	Improvements-Water	450,000.00	450,000.00	0.00	0.00	450,000.00
030-00-73033	Coast Guard Hill System	0.00	0.00	0.00	9.82	-9.82
030-00-73034	Equipment Replacement	0.00	0.00	-1,573.96	0.00	0.00
030-00-73035	WTP-Improvements	0.00	0.00	-640.00	-0.25	0.25
030-00-73036	Water Master Plan Update	525,000.00	525,000.00	0.00	0.00	525,000.00
030-00-73038	Hubbard Creek Impoundment	0.00	0.00	0.00	5.28	-5.28
030-00-97031	Transfer to Water Capital Reserves	56,492.00	56,492.00	0.00	66,415.85	-9,923.85
030-00-97045	Transfer to Equip. Replace. Fu	10,000.00	10,000.00	0.00	0.00	10,000.00
030-00-98500	Contingency	38,744.00	38,744.00	0.00	0.00	38,744.00
	Expense Total:	1,618,846.00	1,618,846.00	44,743.01	296,533.97	1,322,312.03
	Fund: 030 - WATER ENTERPRISE FUND Surplus (Deficit):	0.00	0.00	-7,254.91	-73,599.62	
Fund: 031 - WATER CAPITAL RESERVES						
Revenue						
031-00-40100	Prior Year Fund Balance	86,989.00	86,989.00	0.00	0.00	86,989.00
031-00-42010	Interest on Investments	400.00	400.00	0.00	697.79	-297.79
031-00-46130	Transfer from Water Enterprise	58,524.00	58,524.00	0.00	66,415.85	-7,891.85
	Revenue Total:	145,913.00	145,913.00	0.00	67,113.64	78,799.36
Expense						
031-00-91130	Transfer to Water Enterprise	100,000.00	100,000.00	0.00	0.00	100,000.00
031-00-98999	Reserved for Future Expenditures	45,913.00	45,913.00	0.00	0.00	45,913.00
	Expense Total:	145,913.00	145,913.00	0.00	0.00	145,913.00
	Fund: 031 - WATER CAPITAL RESERVES Surplus (Deficit):	0.00	0.00	0.00	67,113.64	
Fund: 035 - SEWER ENTERPRISE FUND						
Revenue						
035-00-40100	Prior Year Fund Balance	204,769.00	204,769.00	0.00	0.00	204,769.00
035-00-42010	Interest on Investments	5,603.00	5,603.00	0.00	2,229.33	3,373.67
035-00-44115	Designated for Reserves	59,423.00	59,423.00	5,160.25	28,859.49	30,563.51
035-00-44120	Sewer Usage	575,000.00	575,000.00	44,222.14	234,919.51	340,080.49
035-00-44213	Sewer Connection Fees	8,029.00	8,029.00	0.00	1,544.00	6,485.00
035-00-45500	Restricted Cash-Deposits	2,000.00	2,000.00	0.00	-450.00	2,450.00
035-00-46210	Miscellaneous Receipts	1,000.00	1,000.00	0.00	0.00	1,000.00
035-00-46236	Transfer from Sewer Capital Reserves	100,000.00	100,000.00	0.00	0.00	100,000.00
	Revenue Total:	955,824.00	955,824.00	49,382.39	267,102.33	688,721.67
Expense						
035-00-51100	Overtime	3,000.00	3,000.00	0.00	0.00	3,000.00
035-00-51200	City Administrator	17,000.00	17,000.00	1,538.64	8,462.52	8,537.48
035-00-51300	Office Clerk	16,500.00	16,500.00	1,209.51	6,727.85	9,772.15
035-00-51350	Accounting Assistant	5,000.00	5,000.00	479.60	2,766.94	2,233.06
035-00-51400	Accountant	10,000.00	10,000.00	0.00	0.00	10,000.00
035-00-51505	PW Superintendent	8,000.00	8,000.00	824.36	4,422.96	3,577.04
035-00-51600	WWTP Operator	50,000.00	50,000.00	4,383.97	23,770.49	26,229.51
035-00-51800	Maintenance Worker #1	5,628.00	5,628.00	318.78	1,711.48	3,916.52
035-00-51801	Utility Worker #3	5,200.00	5,200.00	501.61	2,761.72	2,438.28
035-00-51810	Maintenance Worker #2	6,500.00	6,500.00	725.48	3,900.18	2,599.82
035-00-52010	Social Security	7,500.00	7,500.00	726.42	3,968.71	3,531.29
035-00-52020	PERS Retirement	28,500.00	28,500.00	2,601.18	14,208.82	14,291.18
035-00-52030	Worker's Comp./Disability Ins.	4,750.00	4,750.00	3.15	19.84	4,730.16
035-00-52040	Health, Dental, Life Ins.	41,500.00	41,500.00	2,636.41	26,925.18	14,574.82
035-00-61210	Office & Operating Supplies	3,000.00	3,000.00	74.92	434.90	2,565.10
035-00-61220	Office Equip. Leases	1,200.00	1,200.00	0.00	564.66	635.34
035-00-61230	Software Maintenance	4,000.00	4,000.00	341.25	3,851.43	148.57
035-00-61260	Uniforms	500.00	500.00	0.00	658.96	-158.96
035-00-61340	Fuel (Equip & Vehicles)	4,000.00	4,000.00	393.31	1,776.39	2,223.61

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
035-00-62100	Bank Charges	4,500.00	4,500.00	0.00	4,228.00	272.00
035-00-62110	Auditing & Accounting	4,800.00	4,800.00	0.00	7,681.74	-2,881.74
035-00-62121	Engineering	1,000.00	1,000.00	0.00	0.00	1,000.00
035-00-62160	Contract Services	12,000.00	12,000.00	400.00	2,400.00	9,600.00
035-00-62210	Telephone	3,000.00	3,000.00	445.54	1,945.69	1,054.31
035-00-62220	Internet Access	1,500.00	1,500.00	69.99	419.94	1,080.06
035-00-62230	Postage	3,000.00	3,000.00	300.00	1,776.65	1,223.35
035-00-62343	Travel & Training / Meetings	2,000.00	2,000.00	280.00	680.00	1,320.00
035-00-62610	Insurance & Bonds	8,500.00	8,500.00	0.00	0.00	8,500.00
035-00-62740	Electricity	35,200.00	35,200.00	2,046.70	12,880.26	22,319.74
035-00-62816	Repairs & Maint-Pump Station	17,000.00	17,000.00	27.98	4,009.50	12,990.50
035-00-62818	Repairs & Maint. - Sewer Lines	5,000.00	5,000.00	0.00	136.65	4,863.35
035-00-62821	Repairs & Maint-STP	20,000.00	20,000.00	5,003.08	70,615.75	-50,615.75
035-00-62835	Small Tools & Minor Equipment	1,500.00	1,500.00	0.00	706.37	793.63
035-00-62840	Vehicles & Equipment Maint.	5,000.00	5,000.00	2,145.86	2,306.77	2,693.23
035-00-62845	Repairs/Maint.(Test Equipment)	1,000.00	1,000.00	0.00	0.00	1,000.00
035-00-62912	Dues & OR Statutes	500.00	500.00	0.00	0.00	500.00
035-00-62925	Permits	4,000.00	4,000.00	0.00	3,579.00	421.00
035-00-62936	Miscellaneous	1,000.00	1,000.00	0.00	0.00	1,000.00
035-00-62943	Reimbursements / Deposits	2,000.00	2,000.00	0.00	0.00	2,000.00
035-00-62980	Lab Equipment & Supplies	10,000.00	10,000.00	1,860.02	1,865.27	8,134.73
035-00-62990	Testing	2,000.00	2,000.00	0.00	589.42	1,410.58
035-00-73040	Wastewater Facilities Plan	100,000.00	100,000.00	0.00	0.00	100,000.00
035-00-81210	Bond Principal	26,432.00	26,432.00	0.00	0.00	26,432.00
035-00-81222	Rev. Bond III Principal	49,081.00	49,081.00	0.00	0.00	49,081.00
035-00-82210	Bond Interest	22,484.00	22,484.00	0.00	0.00	22,484.00
035-00-82222	Rev. Bond III Interest	84,171.00	84,171.00	0.00	0.00	84,171.00
035-00-97036	Transfer to Sewer Capital Reserves	62,933.00	62,933.00	0.00	74,142.74	-11,209.74
035-00-97045	Transfer to Equip Replace Fund	10,000.00	10,000.00	0.00	0.00	10,000.00
035-00-98500	Contingency	30,000.00	30,000.00	0.00	0.00	30,000.00
035-00-98600	Bond Reserve - USDA 1996	48,916.00	48,916.00	0.00	0.00	48,916.00
035-00-98700	Bond Reserve-Revenue Bonds 04	133,252.00	133,252.00	0.00	0.00	133,252.00
035-00-99000	Unappropriated Reserves	22,277.00	22,277.00	0.00	0.00	22,277.00
	Expense Total:	955,824.00	955,824.00	29,337.76	296,896.78	658,927.22
	Fund: 035 - SEWER ENTERPRISE FUND Surplus (Deficit):	0.00	0.00	20,044.63	-29,794.45	
Fund: 036 - SEWER CAPITAL RESERVES						
Revenue						
036-00-40100	Prior Year Fund Balance	253,342.00	253,342.00	0.00	0.00	253,342.00
036-00-42010	Interest on Investments	2,000.00	2,000.00	0.00	2,087.63	-87.63
036-00-46135	Transfer from Sewer Enterprise	62,933.00	62,933.00	0.00	74,142.74	-11,209.74
	Revenue Total:	318,275.00	318,275.00	0.00	76,230.37	242,044.63
Expense						
036-00-98999	Reserved for Future Expenditures	318,275.00	318,275.00	0.00	0.00	318,275.00
	Expense Total:	318,275.00	318,275.00	0.00	0.00	318,275.00
	Fund: 036 - SEWER CAPITAL RESERVES Surplus (Deficit):	0.00	0.00	0.00	76,230.37	
Fund: 040 - STREET FUND						
Revenue						
040-00-40100	Prior Year Fund Balance	91,458.00	91,458.00	0.00	0.00	91,458.00
040-00-41230	State Highway Tax	86,000.00	86,000.00	0.00	24,536.78	61,463.22
040-00-42010	Interest on Investments	500.00	500.00	0.00	668.60	-168.60
	Revenue Total:	177,958.00	177,958.00	0.00	25,205.38	152,752.62
Expense						
040-00-51505	PW Superintendent	15,000.00	15,000.00	1,268.22	6,804.55	8,195.45
040-00-51800	Maintenance Worker #1	10,750.00	10,750.00	1,035.99	5,562.24	5,187.76
040-00-51801	Utility Worker #3	8,800.00	8,800.00	2,134.35	7,882.48	917.52
040-00-51810	Maintenance Worker #2	9,500.00	9,500.00	906.84	4,875.15	4,624.85
040-00-52010	Social Security	3,450.00	3,450.00	382.88	1,851.60	1,598.40

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
040-00-52020	PERS Retirement	10,000.00	10,000.00	1,062.56	5,736.26	4,263.74
040-00-52030	Worker's Comp./Disability Ins.	2,600.00	2,600.00	1.95	8.89	2,591.11
040-00-52040	Health, Dental, Life Ins.	18,700.00	18,700.00	2,113.25	6,330.67	12,369.33
040-00-61210	Office & Operating Supplies	250.00	250.00	0.00	0.00	250.00
040-00-61260	Uniforms	500.00	500.00	0.00	0.00	500.00
040-00-61340	Fuel (Equip & Vehicles)	3,500.00	3,500.00	395.11	1,648.04	1,851.96
040-00-62610	Insurance & Bonds	5,500.00	5,500.00	0.00	0.00	5,500.00
040-00-62740	Electricity	1,500.00	1,500.00	0.00	574.77	925.23
040-00-62820	Repairs/Maintenance-Shop Yard	1,000.00	1,000.00	130.94	1,455.91	-455.91
040-00-62835	Small Tools & Minor Equipment	1,000.00	1,000.00	0.00	116.28	883.72
040-00-62840	Vehicles & Equipment Maint.	2,500.00	2,500.00	0.00	722.62	1,777.38
040-00-62851	R & M - Streets	6,500.00	6,500.00	305.95	1,349.38	5,150.62
040-00-73031	Improvements - Streets	20,000.00	20,000.00	0.00	0.00	20,000.00
040-00-98500	Contingency	56,908.00	56,908.00	0.00	0.00	56,908.00
	Expense Total:	177,958.00	177,958.00	9,738.04	44,918.84	133,039.16
	Fund: 040 - STREET FUND Surplus (Deficit):	0.00	0.00	-9,738.04	-19,713.46	
Fund: 042 - STREETS CAPITAL IMPROVEMENT						
Revenue						
042-00-40100	Prior Year Fund Balance	4,365.00	4,365.00	0.00	0.00	4,365.00
042-00-42010	Interest on Investments	200.00	200.00	0.00	194.03	5.97
042-00-46110	Transfer from General Fund	27,000.00	27,000.00	0.00	19,614.81	7,385.19
	Revenue Total:	31,565.00	31,565.00	0.00	19,808.84	11,756.16
Expense						
042-00-98999	Reserved for Future Expenditures	31,565.00	31,565.00	0.00	0.00	31,565.00
	Expense Total:	31,565.00	31,565.00	0.00	0.00	31,565.00
	Fund: 042 - STREETS CAPITAL IMPROVEMENT Surplus (Deficit):	0.00	0.00	0.00	19,808.84	
Fund: 045 - EQUIPMENT REPLACEMENT FUND						
Revenue						
045-00-40100	Prior Year Fund Balance	113,503.00	113,503.00	0.00	0.00	113,503.00
045-00-42010	Interest on Investments	800.00	800.00	0.00	692.90	107.10
045-00-46030	Transfer from Water Enterprise	10,000.00	10,000.00	0.00	0.00	10,000.00
045-00-46035	Transfer from Sewer Enterprise	10,000.00	10,000.00	0.00	0.00	10,000.00
	Revenue Total:	134,303.00	134,303.00	0.00	692.90	133,610.10
Expense						
045-00-74020	Service Vehicle	100,000.00	100,000.00	0.00	12,000.00	88,000.00
045-00-98999	Reserved for Future Expenditures	34,303.00	34,303.00	0.00	0.00	34,303.00
	Expense Total:	134,303.00	134,303.00	0.00	12,000.00	122,303.00
	Fund: 045 - EQUIPMENT REPLACEMENT FUND Surplus (Deficit):	0.00	0.00	0.00	-11,307.10	
Fund: 061 - WATER SYSTEM DEVELOPMENT						
Revenue						
061-00-40100	Prior Year Fund Balance	533,597.00	533,597.00	0.00	0.00	533,597.00
061-00-42010	Interest on Investments	4,000.00	4,000.00	0.00	4,220.44	-220.44
061-00-44350	System Development Charges	40,000.00	40,000.00	0.00	0.00	40,000.00
	Revenue Total:	577,597.00	577,597.00	0.00	4,220.44	573,376.56
Expense						
061-00-98999	Reserved for Future Expenditures	577,597.00	577,597.00	0.00	0.00	577,597.00
	Expense Total:	577,597.00	577,597.00	0.00	0.00	577,597.00
	Fund: 061 - WATER SYSTEM DEVELOPMENT Surplus (Deficit):	0.00	0.00	0.00	4,220.44	
Fund: 062 - SEWER SYSTEM DEVELOPMENT						
Revenue						
062-00-40100	Prior Year Fund Balance	358,952.00	358,952.00	0.00	0.00	358,952.00
062-00-42010	Interest on Investments	2,500.00	2,500.00	0.00	2,908.04	-408.04
062-00-44351	SDC Reimbursement Fees	27,540.00	27,540.00	0.00	5,060.00	22,480.00
062-00-44361	SDC Improvement Fees	2,820.00	2,820.00	0.00	5,060.00	-2,240.00
	Revenue Total:	391,812.00	391,812.00	0.00	13,028.04	378,783.96

Income Statement

For Fiscal: 2022-2023 Period Ending: 12/31/2022

	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Expense					
062-00-98999 Reserved for Future Expenditures	391,812.00	391,812.00	0.00	0.00	391,812.00
Expense Total:	391,812.00	391,812.00	0.00	0.00	391,812.00
Fund: 062 - SEWER SYSTEM DEVELOPMENT Surplus (Deficit):	0.00	0.00	0.00	13,028.04	
Total Surplus (Deficit):	-13,776.00	-13,776.00	-19,338.37	543,664.37	

Group Summary

Account Type	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 010 - GENERAL FUND					
Revenue	1,548,145.00	1,548,145.00	34,259.04	581,369.32	966,775.68
Expense	1,548,145.00	1,548,145.00	10,362.28	316,234.59	1,231,910.41
Fund: 010 - GENERAL FUND Surplus (Deficit):	0.00	0.00	23,896.76	265,134.73	-265,134.73
Fund: 014 - PARKS FUND					
Revenue	217,932.00	217,932.00	13.96	128,003.69	89,928.31
Expense	217,932.00	217,932.00	10,943.87	68,483.06	149,448.94
Fund: 014 - PARKS FUND Surplus (Deficit):	0.00	0.00	-10,929.91	59,520.63	-59,520.63
Fund: 020 - PUBLIC SAFETY					
Revenue	541,932.00	541,932.00	489.26	400,652.92	141,279.08
Expense	555,708.00	555,708.00	35,846.16	227,630.61	328,077.39
Fund: 020 - PUBLIC SAFETY Surplus (Deficit):	-13,776.00	-13,776.00	-35,356.90	173,022.31	-186,798.31
Fund: 030 - WATER ENTERPRISE FUND					
Revenue	1,618,846.00	1,618,846.00	37,488.10	222,934.35	1,395,911.65
Expense	1,618,846.00	1,618,846.00	44,743.01	296,533.97	1,322,312.03
Fund: 030 - WATER ENTERPRISE FUND Surplus (Deficit):	0.00	0.00	-7,254.91	-73,599.62	73,599.62
Fund: 031 - WATER CAPITAL RESERVES					
Revenue	145,913.00	145,913.00	0.00	67,113.64	78,799.36
Expense	145,913.00	145,913.00	0.00	0.00	145,913.00
Fund: 031 - WATER CAPITAL RESERVES Surplus (Deficit):	0.00	0.00	0.00	67,113.64	-67,113.64
Fund: 035 - SEWER ENTERPRISE FUND					
Revenue	955,824.00	955,824.00	49,382.39	267,102.33	688,721.67
Expense	955,824.00	955,824.00	29,337.76	296,896.78	658,927.22
Fund: 035 - SEWER ENTERPRISE FUND Surplus (Deficit):	0.00	0.00	20,044.63	-29,794.45	29,794.45
Fund: 036 - SEWER CAPITAL RESERVES					
Revenue	318,275.00	318,275.00	0.00	76,230.37	242,044.63
Expense	318,275.00	318,275.00	0.00	0.00	318,275.00
Fund: 036 - SEWER CAPITAL RESERVES Surplus (Deficit):	0.00	0.00	0.00	76,230.37	-76,230.37
Fund: 040 - STREET FUND					
Revenue	177,958.00	177,958.00	0.00	25,205.38	152,752.62
Expense	177,958.00	177,958.00	9,738.04	44,918.84	133,039.16
Fund: 040 - STREET FUND Surplus (Deficit):	0.00	0.00	-9,738.04	-19,713.46	19,713.46
Fund: 042 - STREETS CAPITAL IMPROVEMENT					
Revenue	31,565.00	31,565.00	0.00	19,808.84	11,756.16
Expense	31,565.00	31,565.00	0.00	0.00	31,565.00
Fund: 042 - STREETS CAPITAL IMPROVEMENT Surplus (Deficit):	0.00	0.00	0.00	19,808.84	-19,808.84
Fund: 045 - EQUIPMENT REPLACEMENT FUND					
Revenue	134,303.00	134,303.00	0.00	692.90	133,610.10
Expense	134,303.00	134,303.00	0.00	12,000.00	122,303.00
Fund: 045 - EQUIPMENT REPLACEMENT FUND Surplus (Deficit):	0.00	0.00	0.00	-11,307.10	11,307.10
Fund: 061 - WATER SYSTEM DEVELOPMENT					
Revenue	577,597.00	577,597.00	0.00	4,220.44	573,376.56
Expense	577,597.00	577,597.00	0.00	0.00	577,597.00
Fund: 061 - WATER SYSTEM DEVELOPMENT Surplus (Deficit):	0.00	0.00	0.00	4,220.44	-4,220.44
Fund: 062 - SEWER SYSTEM DEVELOPMENT					
Revenue	391,812.00	391,812.00	0.00	13,028.04	378,783.96
Expense	391,812.00	391,812.00	0.00	0.00	391,812.00
Fund: 062 - SEWER SYSTEM DEVELOPMENT Surplus (Deficit):	0.00	0.00	0.00	13,028.04	-13,028.04
Total Surplus (Deficit):	-13,776.00	-13,776.00	-19,338.37	543,664.37	

Fund Summary

Fund	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
010 - GENERAL FUND	0.00	0.00	23,896.76	265,134.73	-265,134.73
014 - PARKS FUND	0.00	0.00	-10,929.91	59,520.63	-59,520.63
020 - PUBLIC SAFETY	-13,776.00	-13,776.00	-35,356.90	173,022.31	-186,798.31
030 - WATER ENTERPRISE FU...	0.00	0.00	-7,254.91	-73,599.62	73,599.62
031 - WATER CAPITAL RESERV...	0.00	0.00	0.00	67,113.64	-67,113.64
035 - SEWER ENTERPRISE FUND	0.00	0.00	20,044.63	-29,794.45	29,794.45
036 - SEWER CAPITAL RESERV...	0.00	0.00	0.00	76,230.37	-76,230.37
040 - STREET FUND	0.00	0.00	-9,738.04	-19,713.46	19,713.46
042 - STREETS CAPITAL IMPRO...	0.00	0.00	0.00	19,808.84	-19,808.84
045 - EQUIPMENT REPLACEM...	0.00	0.00	0.00	-11,307.10	11,307.10
061 - WATER SYSTEM DEVELO...	0.00	0.00	0.00	4,220.44	-4,220.44
062 - SEWER SYSTEM DEVELO...	0.00	0.00	0.00	13,028.04	-13,028.04
Total Surplus (Deficit):	-13,776.00	-13,776.00	-19,338.37	543,664.37	

Check Report

City of Port Orford

By Check Number

Date Range: 12/01/2022 - 12/31/2022

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Bank Code: APBNK-Accounts Payable						
000175	CIS-Health Insurance	12/05/2022	Regular	0.00	6,354.79	13
	Void	12/05/2022	Regular	0.00	0.00	14
	Void	12/05/2022	Regular	0.00	0.00	15
	Void	12/05/2022	Regular	0.00	0.00	16
	Void	12/05/2022	Regular	0.00	0.00	17
001854	Teamsters 206 Employers Trust	12/05/2022	Regular	0.00	3,154.85	18
001108	Teamsters Local U. #206	12/05/2022	Regular	0.00	142.50	19
001537	Gary Milliman	12/01/2022	EFT	0.00	300.00	132
001525	Gregory T. Ryder	12/01/2022	EFT	0.00	1,550.00	133
001415	Terrusa, David R	12/01/2022	EFT	0.00	500.00	134
001537	Gary Milliman	12/30/2022	EFT	0.00	300.00	135
001525	Gregory T. Ryder	12/30/2022	EFT	0.00	1,550.00	136
001415	Terrusa, David R	12/30/2022	EFT	0.00	500.00	137
001732	AccuScript Transcription and Typing Services	12/02/2022	Regular	0.00	225.40	17213
001699	Amazon Capital Services, Inc.	12/02/2022	Regular	0.00	54.59	17214
001765	Aryanfard, Arjang	12/02/2022	Regular	0.00	24.61	17215
001529	Carson Oil Company	12/02/2022	Regular	0.00	161.47	17216
001656	CMI Software Corp	12/02/2022	Regular	0.00	2,859.00	17217
000009	Coastal Paper & Supply, Inc.	12/02/2022	Regular	0.00	377.20	17218
000011	Coos-Curry Electric Co-op	12/02/2022	Regular	0.00	6,925.10	17219
	Void	12/02/2022	Regular	0.00	0.00	17220
000450	Curry County Sheriff	12/02/2022	Regular	0.00	3,273.00	17221
000112	Curry County Treasurer	12/02/2022	Regular	0.00	500.01	17222
001754	Denning Print Company, LLC	12/02/2022	Regular	0.00	604.99	17223
001884	Farr's Hardware	12/02/2022	Regular	0.00	9.49	17224
001411	Gold Beach Lumber	12/02/2022	Regular	0.00	580.30	17225
	Void	12/02/2022	Regular	0.00	0.00	17226
001886	Koontz Machine & Welding, Inc.	12/02/2022	Regular	0.00	13,280.25	17227
001053	McCowan Clinical Laboratory, Inc.	12/02/2022	Regular	0.00	90.00	17228
000046	One Call Concepts, Inc.	12/02/2022	Regular	0.00	29.70	17229
000113	Oregon Dept of Revenue CFA	12/02/2022	Regular	0.00	1,985.00	17230
001876	Precision Performance Point-S	12/02/2022	Regular	0.00	871.23	17231
000428	TAG/ The Automation Group, Inc.	12/02/2022	Regular	0.00	300.00	17232
000220	USA Blue Book	12/02/2022	Regular	0.00	1,731.38	17233
001780	ZiPLY Fiber	12/02/2022	Regular	0.00	36.00	17234
000009	Coastal Paper & Supply, Inc.	12/08/2022	Regular	0.00	498.53	17235
000163	Comp-U-Talk, Inc.	12/08/2022	Regular	0.00	665.00	17236
000029	Coos-Curry Supply, Inc.	12/08/2022	Regular	0.00	4,207.58	17237
	Void	12/08/2022	Regular	0.00	0.00	17238
000048	Curry Transfer & Recycling, INC.	12/08/2022	Regular	0.00	439.06	17239
001550	Dooley Enterprises, Inc.	12/08/2022	Regular	0.00	819.53	17240
000184	ODP Business Solutions, LLC	12/08/2022	Regular	0.00	35.12	17241
001533	Robert J. Dillard	12/08/2022	Regular	0.00	400.00	17242
001608	Rogue Credit Union-Visa	12/08/2022	Regular	0.00	1,855.26	17243
	Void	12/08/2022	Regular	0.00	0.00	17244
000049	Ron's Oil Company	12/08/2022	Regular	0.00	539.19	17245
001660	TransUnion Risk and Alternative Data Solutions, Ir	12/08/2022	Regular	0.00	167.60	17246
000192	UNIVAR USA, Inc.	12/08/2022	Regular	0.00	4,355.00	17247
000220	USA Blue Book	12/08/2022	Regular	0.00	42.99	17248
000646	Vend West Services	12/08/2022	Regular	0.00	29.85	17249
001779	ZiPLY Fiber	12/08/2022	Regular	0.00	101.71	17250
000011	Coos-Curry Electric Co-op	12/16/2022	Regular	0.00	869.45	17254
	Void	12/16/2022	Regular	0.00	0.00	17255
000654	Curry County	12/16/2022	Regular	0.00	672.64	17256

Check Report

Date Range: 12/01/2022 - 12/31/2022

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
000306	Curry County Road Department	12/16/2022	Regular	0.00	67.00	17257
000440	Department of Environmental Quality	12/16/2022	Regular	0.00	280.00	17258
001863	I-Secure Inc.	12/16/2022	Regular	0.00	35.00	17259
001053	McCowan Clinical Laboratory, Inc.	12/16/2022	Regular	0.00	290.00	17260
000459	ODOT Fuel Sales	12/16/2022	Regular	0.00	1,924.38	17261
000345	Oregon Health Authority DWS	12/16/2022	Regular	0.00	75.00	17262
000345	Oregon Health Authority DWS	12/16/2022	Regular	0.00	210.00	17263
000428	TAG/ The Automation Group, Inc.	12/16/2022	Regular	0.00	1,956.30	17264
001023	Western Exterminator Company	12/16/2022	Regular	0.00	184.60	17265
000175	CIS-Health Insurance	12/20/2022	Regular	0.00	5,247.07	17266
	Void	12/20/2022	Regular	0.00	0.00	17267
	Void	12/20/2022	Regular	0.00	0.00	17268
	Void	12/20/2022	Regular	0.00	0.00	17269
	Void	12/20/2022	Regular	0.00	0.00	17270
001854	Teamsters 206 Employers Trust	12/20/2022	Regular	0.00	3,326.60	17271
001108	Teamsters Local U. #206	12/20/2022	Regular	0.00	142.50	17272
001699	Amazon Capital Services, Inc.	12/20/2022	Regular	0.00	272.27	17274
000047	Coastal Publishing Company, LLC	12/20/2022	Regular	0.00	40.00	17275
000011	Coos-Curry Electric Co-op	12/20/2022	Regular	0.00	179.13	17276
001053	McCowan Clinical Laboratory, Inc.	12/20/2022	Regular	0.00	100.00	17277
000184	ODP Business Solutions, LLC	12/20/2022	Regular	0.00	241.71	17278
000108	Oregon Association Chiefs of Police	12/20/2022	Regular	0.00	300.00	17279
000340	State Forester	12/20/2022	Regular	0.00	562.11	17280
001837	Kudlac Law	12/30/2022	Regular	0.00	1,200.00	17281
001105	VOYA - Oregon Savings Growth Plan	12/05/2022	Bank Draft	0.00	226.44	DFT0006774
000254	PERS	12/05/2022	Bank Draft	0.00	627.02	DFT0006775
000254	PERS	12/05/2022	Bank Draft	0.00	1,419.99	DFT0006776
000254	PERS	12/05/2022	Bank Draft	0.00	1,424.48	DFT0006777
000254	PERS	12/05/2022	Bank Draft	0.00	704.28	DFT0006778
000254	PERS	12/05/2022	Bank Draft	0.00	3,398.36	DFT0006779
000323	Oregon Dept of Revenue	12/05/2022	Bank Draft	0.00	28.04	DFT0006780
000323	Oregon Dept of Revenue	12/05/2022	Bank Draft	0.00	17.80	DFT0006781
001602	Rogue Credit Union	12/05/2022	Bank Draft	0.00	819.86	DFT0006782
000323	Oregon Dept of Revenue	12/05/2022	Bank Draft	0.00	1,918.67	DFT0006783
001602	Rogue Credit Union	12/05/2022	Bank Draft	0.00	2,007.38	DFT0006784
001602	Rogue Credit Union	12/05/2022	Bank Draft	0.00	3,505.62	DFT0006785
001778	Quadient Finance USA, Inc.	12/02/2022	Bank Draft	0.00	1,000.00	DFT0006786
001776	Quadient Leasing USA, Inc.	12/02/2022	Bank Draft	0.00	564.66	DFT0006787
000587	Charter Communications	12/08/2022	Bank Draft	0.00	129.98	DFT0006789
000052	Allstream	12/16/2022	Bank Draft	0.00	129.31	DFT0006794
000587	Charter Communications	12/16/2022	Bank Draft	0.00	183.20	DFT0006795
001105	VOYA - Oregon Savings Growth Plan	12/20/2022	Bank Draft	0.00	226.44	DFT0006796
000254	PERS	12/20/2022	Bank Draft	0.00	583.52	DFT0006797
000254	PERS	12/20/2022	Bank Draft	0.00	1,440.47	DFT0006798
000254	PERS	12/20/2022	Bank Draft	0.00	1,480.57	DFT0006799
000254	PERS	12/20/2022	Bank Draft	0.00	659.34	DFT0006800
000254	PERS	12/20/2022	Bank Draft	0.00	3,402.95	DFT0006801
000323	Oregon Dept of Revenue	12/20/2022	Bank Draft	0.00	28.38	DFT0006802
000323	Oregon Dept of Revenue	12/20/2022	Bank Draft	0.00	22.30	DFT0006803
001602	Rogue Credit Union	12/20/2022	Bank Draft	0.00	829.86	DFT0006804
000323	Oregon Dept of Revenue	12/20/2022	Bank Draft	0.00	1,942.54	DFT0006805
001602	Rogue Credit Union	12/20/2022	Bank Draft	0.00	2,048.58	DFT0006806
001602	Rogue Credit Union	12/20/2022	Bank Draft	0.00	3,548.24	DFT0006807

Check Report

Date Range: 12/01/2022 - 12/31/2022

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
000587	Charter Communications	12/20/2022	Bank Draft	0.00	213.93	DFT0006808

Bank Code APBNK Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	134	59	0.00	75,903.04
Manual Checks	0	0	0.00	0.00
Voided Checks	0	13	0.00	0.00
Bank Drafts	31	30	0.00	34,532.21
EFT's	6	6	0.00	4,700.00
	171	108	0.00	115,135.25

All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	134	59	0.00	75,903.04
Manual Checks	0	0	0.00	0.00
Voided Checks	0	13	0.00	0.00
Bank Drafts	31	30	0.00	34,532.21
EFT's	6	6	0.00	4,700.00
	171	108	0.00	115,135.25

Fund Summary

Fund	Name	Period	Amount
999	POOLED CASH - OPERATING	12/2022	115,135.25
			115,135.25

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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 01/19/2023

SUBJECT: Planning

ITEM NO: 6 d.

The planning commission had a meeting about to extend the Conditional Use Permit for CU 16—02 and 16-03. It was approved.

They have requested a workshop with the City Council to discuss STR's on February 7th at 4:30pm. I have attached an e-mail I received from Daniel Kearns informing me of what his thoughts were about what the planning commission is proposing.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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Elk River Property Development llc.

December 16, 2021

City of Port Orford
Planning Department
555 W. 20th Street
P.O. Box 310
Port Orford, Oregon 97465

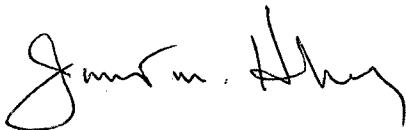
Re: Conditional Use Permits 16-02 & 16-03

Dear, Chair Nieraeth and Planning commission members,

I am writing to request an additional extension of time for the land use approvals contained in CUP 16-02 and 16-03 approved by the planning commission on 4/20/2017

The additional time is necessary as we continue the process with DEQ and work to replace our engineering firm as Stuntzner Engineering, as they no longer offer engineering services. This whole process has been delayed due to Covid 19 and the ability to conduct business. Thank you for your continued support as we move forward with this exceptional project.

Sincerely,

A handwritten signature in black ink, appearing to read "James M. Haley". The signature is fluid and cursive, with the first name "James" being the most prominent part.

James M. Haley, Managing Partner
Elk River Property Development llc.

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From: Jessica Ginsburg <jginsburg@portorford.org>
Date: Tuesday, January 10, 2023 at 8:40 PM
To: Daniel Kearns <dan@reevekearns.com>
Subject: RE: City of Port Orford- STR's

Daniel-

Can you send me the copy of what you have drafted so I can look at it before we meet? I have a grant application due this week so my plate is very full. However, next week I have more time. I have 9am Monday, Tuesday and Wednesday open next week. Let me know what day works for you and I can send you a meeting invite.

Thank you so much!
Sincerely,

*Jessica Ginsburg
City Administrator
City of Port Orford
Phone: Office: 541-366-4568
Cell: 541-253-6022
Fax: 877-281-5307*

From: Daniel Kearns [<mailto:dan@reevekearns.com>]
Sent: Friday, January 6, 2023 5:59 PM
To: Jessica Ginsburg <jginsburg@portorford.org>
Subject: Re: City of Port Orford- STR's

Jessica. I've been through this list of suggested regulatory provisions, including the necessary process to require that all STR operators comply. I think the first focus for the city is to beef-up its business licensing requirements for STRs because most of the regulations you listed pertain to how STRs must operate. They impose limits on numbers of people, bedrooms, requires off-street parking spaces, requires "Good Neighbor" policies and agreements, info postings of the rules for the benefit of the STR tenants and for the neighbors in case there is a problem. Similarly, the density limit (min 300 feet between STRs) is also a limitation on how and when the city can issue a STR license. The only zoning related aspect of these regulations is that there are different regulations for STRs in residential versus commercial/mixed use zones. I don't believe that element of, or reference to, zoning warrants cluttering-up the City's zoning code. There may be a few zoning regulations, but the vast bulk of these regulations are standard biz regulations that should attach to the city license. The license applicant must demonstrate compliance and maintain compliance. I recommend a 1-year term for STR licenses and make everyone come in every year to renew and prove-up compliance. For that reason, I also don't recommend you limit transferability of licenses because the existing or future/new license holder must still come in every year and prove-up compliance.

License fees should include a flat fee for processing, an inspection fee and a fee per room (3 parts). I recommend 2 inspections: (1) building code compliance because many STRs simply are not safe and are owner-modified all the time in ways that are unsafe and not compliant with the building code and (2) fire inspection for fire/live/safety. I recommend these inspections at the time of first license and then every 3 or 5 years thereafter. I like the combo cap and density limitation, but you need to know where and when STRs will be knocked-out and won't qualify for license issuance or renewal. The political difficulty arises when you need to deny a renewal due to the cap or there is another STR within 300 feet. This will put existing STRs out of business, which is the time when you will get a threat of legal action. For that reason, I recommend phasing-in those provisions over 5 years so that existing STRs that won't qualify for renewal get 5 years of renewal and then the cap and density requirement both kick-in to put some of them out of business. You want to have some code procedures to protect you from law suits.

I have drafted code provisions to address many of these issues – both substantive regulations and procedural requirements. Let me know if you want to see some of those. What I don't know a lot about is the city's current/existing STR regulations, Transient Lodging Tax and code enforcement provisions. Want to talk in this coming week to discuss how to proceed on this list of what the CC wants?

Daniel Kearns
REEVE KEARNS PC
P.O. Box 13015
Portland, OR 97213
Telephone: (503) 997-6032

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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 1/19/2023

SUBJECT: Forest Stewardship Plan

ITEM NO: 7a.

In order to qualify for the DEQ State Revolving Fund (SRF) loan to purchase the Wilson property in our watershed, our city needs to have a Forest Stewardship Plan for our watershed to reduce wildfire risks and guide future management of the land. The City contracted with Springboard Forestry to develop the plan in 2021. The forester visited and surveyed our watershed, talked with the city staff, and with representatives of the local and larger watershed council, with the Department of Forestry and with DEQ. The final plan recommends strategies our city should use to steward our watershed lands in order to provide for safe and abundant drinking water into the future.

At this meeting, the Port Orford City Council needs to consider adopting the Forest Stewardship Plan.

Suggested Motions

Motion to Adopt Forest Stewardship Plan.

I move to adopt the 2022 Forest Stewardship Plan.

Motion to deny Forest Stewardship Plan

I move to deny the 2022 Forest Stewardship Plan.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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Hubbard Creek Watershed

Forest Stewardship Plan

City of Port Orford



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ACKNOWLEDGMENTS

This Forest Stewardship Plan was written for the City of Port Orford with the support of the Oregon Health Authority and Business Oregon. In addition, assistance was provided by the staff of the Wild Rivers Land Trust and Port Orford Watershed Council.

Special Thanks To:

- City of Port Orford: Jessica Ginsburg, Ann Vileisis
- Port Orford Watershed Council: Linda Tarr
- Wild Rivers Land Trust: Max Beeken
- Business Oregon: Heather Stevens
- Oregon DEQ: Julie Harvey, Alexis Cooley, Josh Seeds, Jacqueline Fern
- Curry Watershed Partners / Curry SWCD: Erin Minster

Plan Authors:


Ben Hayes, Lead Author, Springboard Forestry LLC
Oliver J. Curtis, Cartography and Design





HUBBARD CREEK WATERSHED

 Port Orford Water Source Area

 Surface Water Intakes

Streams

 Large

 Medium

 Small



ABOUT THIS FOREST STEWARDSHIP PLAN

The Forest Stewardship Plan reflects the vision, goals and objectives for the City of Port Orford's Hubbard Creek Watershed. In addition, this plan has been structured to satisfy the requirements of the State of Oregon's Forest Management Planning standards.

The City of Port Orford relies entirely on the 629-acre Hubbard Creek Watershed for surface water supply, flowing from the forested watershed to an intake located in the small reservoir at the foot of the watershed. While the City has acquired and stewarded the core of the watershed, peripheral parcels remain in private ownership. These include large areas of developed property as well as larger parcels historically managed as industrial timberland.

This plan takes an all-lands approach to forest stewardship. Given the high reliance on the forest as a natural component of the City's water filtration process, forest stewardship and health is of utmost importance. This plan combines best practices with an adaptive management planning and implementation model, which can be applied to forest stewardship regardless of the City's present or future forest ownership. The policies and procedures adopted in this plan will apply to all current and future city-owned parcels within the drinking water source area.

Watershed and forest management research continues to expand and evolve at a rapid pace. When combined with advancing equipment technology and techniques for management, an adaptive approach to management planning seems prudent when compared to one that is rigid. Such an approach can be facilitated with regularly scheduled management plan reviews, as well as reexamining plans when new impactful knowledge or experience emerge.

This plan provides a watershed overview, clear management objectives, management policies and practices, and adaptive recommendations to meet the needs and concerns at this time.





The plan is organized into three primary sections:

1. Umbrella stewardship plan for the Hubbard Creek Drinking Water Source Area.
2. Parcel specific descriptions and stewardship actions for portions currently owned, or likely to be purchased, by the City of Port Orford.
3. Stewardship considerations and actions for non-City owned parcels within the watershed.

Section 1 - Umbrella Stewardship Plan



WATERSHED CONTEXT

-  Port Orford Water Source Area
-  Surface Water Intakes
-  Urban Growth Boundary
-  Port Orford City Limit



MANAGEMENT OBJECTIVES

Primary Objectives

The City of Port Orford owns and operates the Hubbard Creek Watershed, and influences management on adjacent parcels, for the primary objective of protecting source water. These management objectives steer all subsequent management decisions

1. The watershed will be managed to provide the very best quality and quantity of potable water for the customers it serves for the foreseeable future.
2. The forest will be managed to retain or increase the diversity of native trees and plant species and forest structural compositions, to develop greater ecological and climate resilience.
3. Unique areas of High Conservation Value Forest will be identified, managed and protected.
4. The watershed will contribute to the economic and social vitality of the communities and industries it serves through its primary resource of reliable quantities of high quality source water.
5. The production of forest products or the sale of carbon offsets will only occur if they contribute to forest health, fire safety and diversity and will be completed in a manner that minimizes any near or long-term impacts to source water quality or quantity.
6. The watershed will support and enhance habitat for native wildlife, consistent with water quality objectives.

MANAGEMENT OBJECTIVES

Climate Change Adaptation

Climate change is rapidly becoming the greatest risk to source water for municipal systems drawing from surface water sources. The scale of ecological disturbance is anticipated to increase with climate change, while the predictability of these events will decrease. Examples of disturbances that are likely to affect the Hubbard Creek Watershed include extreme weather events with wind and/or rain, pathogen outbreaks such as Spruce budworm or Hemlock looper, and wildfire.

A forest manager focused on resilience will manage towards a more diverse and complex forest. Pests and pathogens typically only attack certain species, with various tree species and ages having differing susceptibility to windthrow. A diverse forest stands will also have an increased likelihood of green-tree survival following wildfire- a probable disturbance in the Hubbard Creek Watershed. Following a disturbance, some species of trees and stand types will continue to provide high quality water filtration when others are unable to do so. This resilience is key to managing for long-term water quality in a drinking watershed.

The present stands on the Hubbard Creek Watershed display relatively high levels of spatial heterogeneity and relatively high species diversity or structural complexity on a watershed level. There are exceptions to this, with even-age plantation type forests existing on some parts of the watershed. Over time, active management can select for increased species diversity and complexity particularly in these areas. An example of this management would be commercial thinning that selects trees to increase diversity. Over time, light-touch management interventions will create a forest more capable of providing high quality drinking water despite the challenges of climate change and pre-existing ecological disturbance risk.

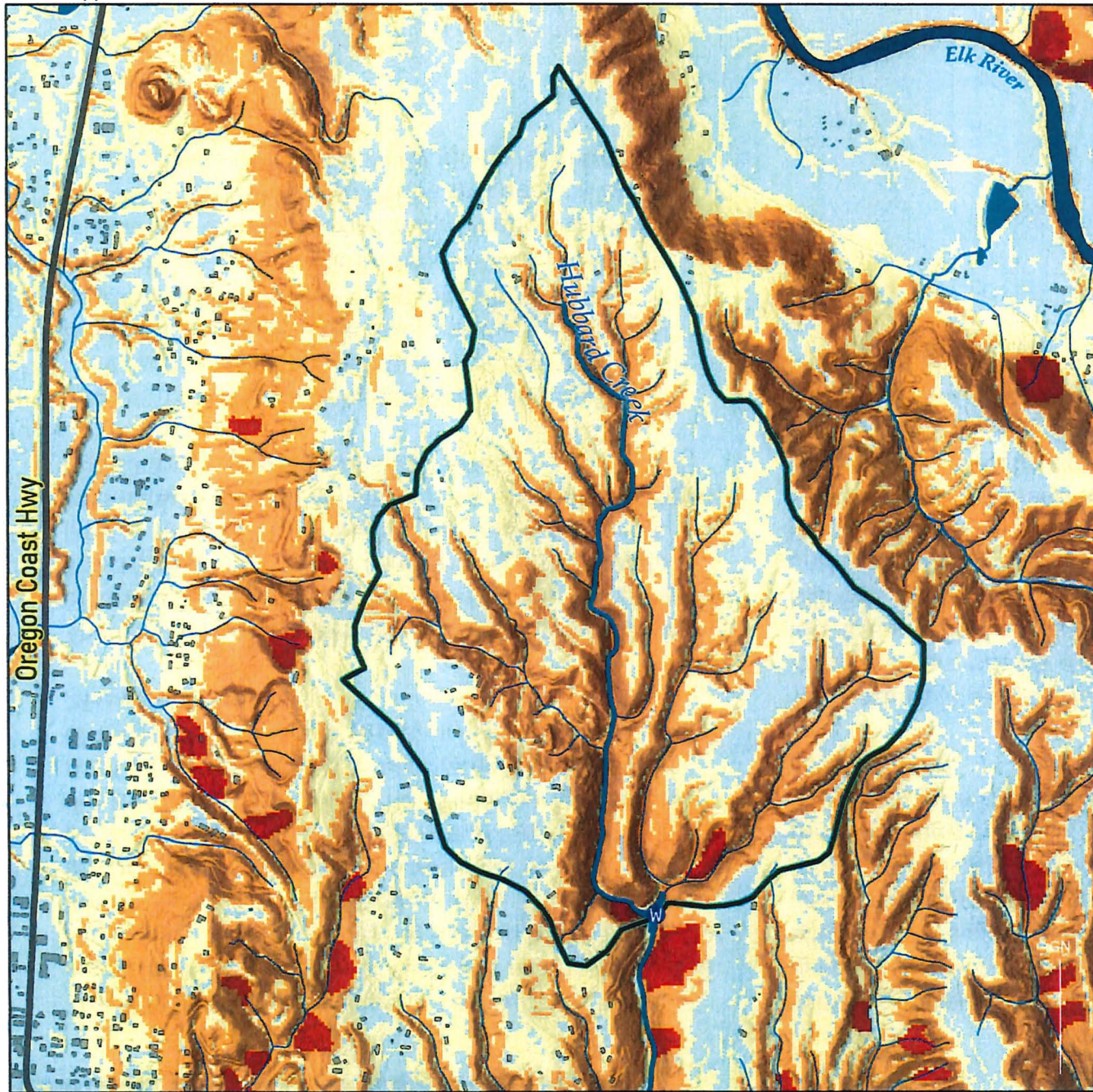
MANAGEMENT OBJECTIVES

Climate Change Mitigation

While forests will change and adapt to climate change, they also play a critical role in mitigating carbon emissions. Approximately 50% of the dry weight of a tree is carbon, which can be converted into carbon dioxide through a ratio of atomic weights (44/12). Both during a tree's life, and following harvest or natural mortality, carbon is stored in the bole, branches, needles, roots, and soils surrounding the tree. These different components have different residence times, with carbon in roots and the bole stable for many years, and needles breaking down relatively quickly. The processes of decomposition and burning both emit carbon dioxide, however decomposition within a mature forest occurs at a relatively slow rate.

Due to historically low harvest levels following the City of Port Orford's acquisition of the core parcels in the Hubbard Creek Watershed, the forests on these parcels are old, complex, and have high levels of carbon sequestration. The result is that the property exceeds the average stocking in the region, with old forest and very high species diversity / structural complexity. These forests store a high level of carbon per acre when compared to the average acre of regional forestland.

The management of the Hubbard Creek Watershed in a manner that stores carbon has positive implications for the citizens of Port Orford. A number of climate-related risks exist on the Southern Oregon coast. These include sea level rise, extreme weather events, and associated hazards including floods, landslides, wildfire, and drought. While the storing of carbon in the Hubbard Creek forest is a minor step towards mitigating climate change, it presents a tangible example of the positive impacts of sustainable forest management.



LANDSLIDE HAZARD

- Port Orford Water Source Area
- Surface Water Intakes
- Waterbodies
- Buildings
- Streams
 - Large
 - Medium
 - Small
- Landslide Susceptibility (SLIDO-4.4)
 - Low
 - Moderate
 - High
 - Very High



WATERSHED DESCRIPTION

The Hubbard Creek Watershed extends from the water intake on Hubbard Creek, just north and east of Highway 101, north along the eastern boundary of the Port Orford Urban Growth Boundary. The watershed is a unique mix of large lot residential development, protected forestland, and industrial forestland. For the purposes of this plan, the Drinking Water Source Area, or all areas of the forest draining into the Port Orford Hubbard Creek reservoir, will be considered "the watershed."

The City of Port Orford is the largest individual owner of land in the watershed, followed by The Conservation Fund (previously Wilson Timber) and other private landowners. The total watershed area is 629 acres calculated from GIS elevation data, of which the City of Port Orford currently owns 250 acres.

The primarily forested watershed is made up of shallow, deep ravines with broad, flat terraces between. The soils in the watershed appear highly erodible, as evidenced by heavily silted stream channels and active visible stream bank erosion. A legacy of erosion and road maintenance issues led in the past to both filtration issues and heavy siltation of the small reservoir at the water intake location.

With the exception of gates and signs around the access road to the water intakes, public access is allowed, although not encouraged, throughout the watershed. Numerous neighbors appear to walk frequently throughout the City owned portions of the watershed, although much of the property has extremely thick brush, limiting the ability to move cross-country.

The eastern ¼ and northern boundary of the watershed are heavily developed with large residential lots. Many of these lots front onto Vista Dr. and Old Mill Rd., directly above and to the west of the reservoir and water intake. Vista Dr. is the primary paved road in the watershed with numerous small gravel driveways extending to dispersed homes. The forest in these parts of the watershed tends to have high diversity and a wide range of ages. Some homes have large yards, but for the most part the properties are well forested with minimal impermeable surface.

WATERSHED DESCRIPTION

Active forest management has primarily occurred on the eastern and northern portions of the property. These areas are even-age monoculture forest or recent clearcuts. A 134-acre parcel owned by the City appears to be about 20 years old with low structural complexity but relatively high species diversity due to failed planting following a large clearcut. The 154-acre parcel owned by The Conservation Fund is similarly an even-aged plantation, with two primary stands of 45-65 years old. Tree density is exceptionally high on both parcels and thinning could accelerate the development of older forest functional characteristics.

Logging roads run throughout the watershed, primarily abandoned or actively decommissioned. Historic roads up Hubbard Creek from the reservoir are completely non-functional and largely removed. A large road entering from Vista Dr and running north, between two forks of Hubbard Creek to the 134-acre parcel, is abandoned but still has culverts and cross drains in place. These culverts present a significant risk to source water in the case that they might become plugged.



A large culvert in Hubbard Creek shows signs of instability, with both bend and a broken section in the center of the road fill. Failing culverts like this present a significant risk to source water quality.

⁷⁴REGIONAL CONTEXT

Port Orford is a small town on the southern Oregon coast with a 2010 population from the US Census of 1,133. Port Orford is the westernmost incorporated town in Oregon (the furthest west physical point is Cape Alava in WA). Port Orford is in Curry County and has been incorporated since 1911. Port Orford is one of only three incorporated cities in Curry County, with the other two being Brookings and Gold Beach.

Prior to the arrival of Europeans, the region was settled by the Tututni people, closely related linguistically to the Upper Coquille (both are Athabascan and quite distinct from the lower Coquille). The Tututni people were relocated to the Siletz Reservation in the 1800s, where the language merged with other regional tribes and rapidly vanished. Between 1851 and 1856, the Tututni people in and around Port Orford were actively involved with the Rogue River Wars, with one of the initial conflicts taking place in Port Orford.

Port Orford and Cape Blanco were first mapped in 1543 by Spanish Explorer Bartoleme Ferrelo. The coast north of Cape Blanco wasn't mapped until 1778, when George Vancouver named Port Orford and came into contract with Tututni people.

Port Orford has served as an important port since the mid 1800s, although it has limited natural protection. Over this time, Port Orford became a key shipping

port for logs and lumber, including the namesake Port Orford Cedar. Today, Port Orford still relies heavily on fishing, agriculture, ranching and forestry, although there is no longer any wood products infrastructure in Port Orford. Recreation and retirement have taken a growing role in the economic basis of the community, which sits directly on Hwy 101 and the Pacific Ocean.

Recreational activities in the immediate vicinity of Port Orford include sport fishing, whitewater trips, jet boating, rafting, siteseeing, golfing, windsports, surfing, beach exploring, hiking, bicycling, and many more. As a result, the region has seen a massive influx of second home and retirement home buyers. There is no wood products infrastructure in Port Orford, with the closest domestic and export log markets about an hour north in Coos Bay / North Bend.



REGIONAL CONTEXT

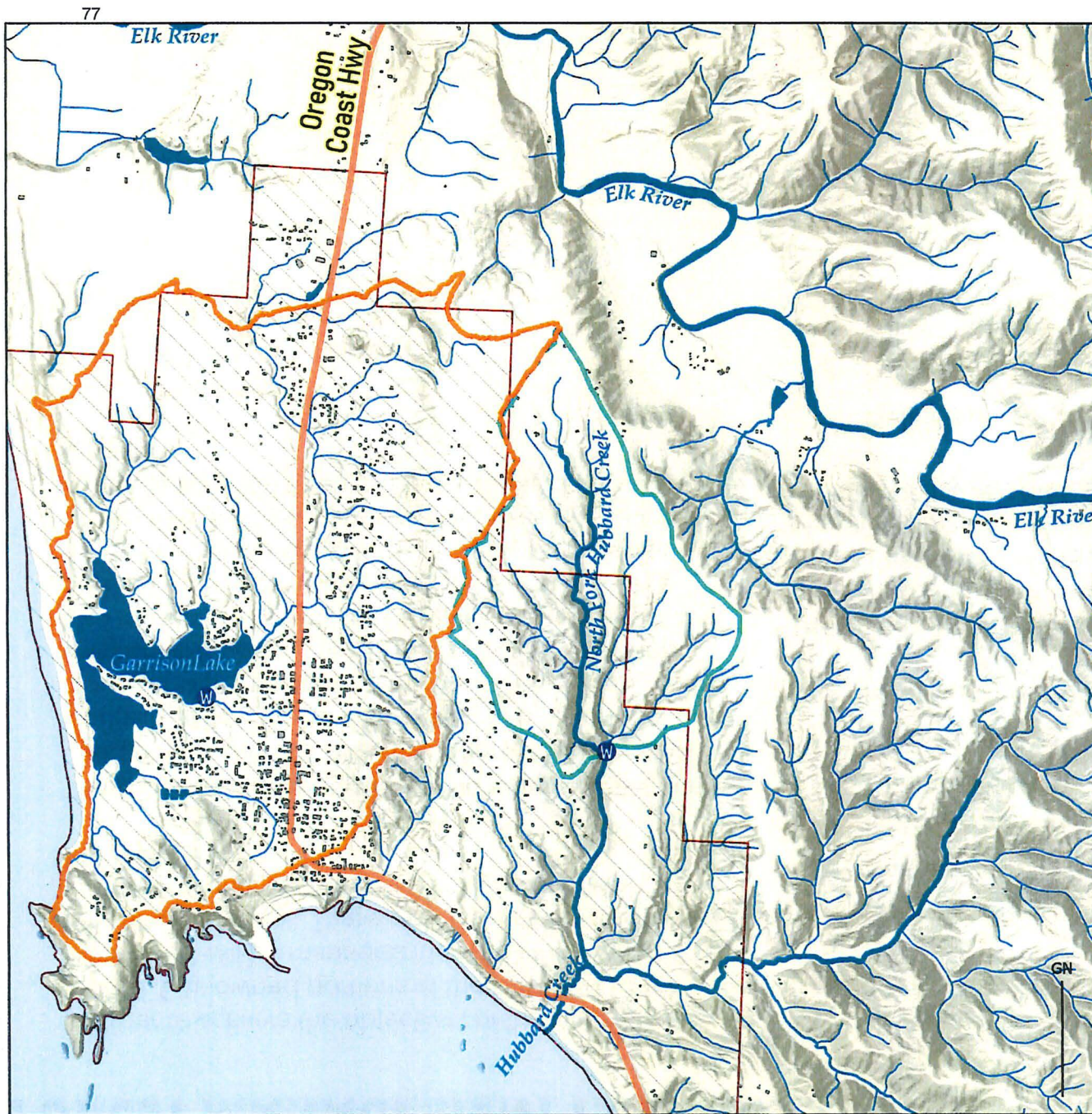
WATER RESOURCES

The City of Port Orford draws water from the North Fork of Hubbard Creek. The intake is located in a small reservoir at the confluence of two major tributary streams. The westernmost tributary is the largest. The eastern tributary in turn splits into two smaller, relatively equal sized tributaries.










The City has also drawn water from Garrison Lake. While Garrison Lake has a large watershed, that water source has not been considered for this stewardship plan. Garrison Lake was primarily utilized as source water following a catastrophic road failure on the westernmost fork of Hubbard Creek, which led to exceedingly high turbidity levels. The stream crossing structure that caused the historic road failure is still in place and presents a significant risk to water quality going forward.



Port Orford draws its water from an intake in the small reservoir on the southern terminus of the watershed. Two separate forks of Hubbard Creek feed the reservoir.



DRINKING WATER SOURCE AREAS

-  Port Orford Water Source Area
 -  Garrison Lake Water Source Area
 -  Surface Water Intakes
 -  Waterbodies
 -  Buildings
 -  Urban Growth Boundary
- Streams
-  Large
 -  Medium
 -  Small



FOREST MANAGEMENT POLICIES

In order to achieve the objectives of the City of Port Orford, City-owned portions of the Hubbard Creek Watershed will be managed in accordance with the following 6 policies. These policies create a framework for determining operational plans and financial feasibility.

These policies meet or exceed the requirements of the Oregon Forest Practices Act and Forest Stewardship Council Pacific Standard and align with historic management practices on the core City-owned watershed parcels. The Hubbard Creek Watershed also must comply with state and federal policies pertaining to both forest management and source water. The relevant policies for forest practices can be found in the Oregon Forest Practices Act, which is available from the Oregon Department of Forestry's website.

The policies include specific requirements and tolerances related to:

- Stream Buffers
- Harvest
- Road Maintenance
- Chemical Use
- Invasive Species
- High Conservation Value Forest

These policies are intended as the minimum level of watershed protection intended. Each section begins with a description of the policy question. An outline of policy function follows. Then, the section concludes with the policy adopted for the specific resource issue.

- Definition
- Purpose
- Policy

FOREST MANAGEMENT POLICIES

Stream Buffers

STREAM BUFFER DEFINITION:

Stream buffers represent the first line of defense in stream protection. Technical terms for stream buffers include riparian management zones (RMZs) or riparian areas. Buffers are typically measured in feet of distance from bank full width of a stream, with various activities allowed in “inner” versus “outer” buffers. Inner buffers generally allow no logging operations while outer buffers require a specific basal area retention and / or equipment limitations for ground-based logging. Both state laws and forest management certifications specify both where buffers should be applied, and how large buffers must be. Oregon’s system relies on the size of the stream as well as fish presence. Streams can be identified through a statewide streams geodatabase administered by the Oregon Department of Forestry, although streams not listed in the database also require survey and protections.

STREAM BUFFER PURPOSE:

Stream protections provide a range of water quality, ecological, and resilience benefits. Water filters through intact riparian vegetation, removing sediment and decreasing the velocity of rainfall-runoff patterns. The protection also decreases the

potential of sediment mobilization, particularly from exposed mineral soil in the riparian area. This filtration and limits on soil disturbance are most important immediately adjacent to the stream channel, however the full extent of a riparian buffer has been shown to decrease sediment transport and provide filtration. The decreased runoff velocity is particularly important for decreasing peak flow events and retaining soil moisture to maintain base flows. While less of an immediate concern for water filtration, the long-term impacts are significant and there are direct benefits of increased buffer widths.

In addition to filtration, stream buffers provide shade and have the potential of increasing hyporheic, or sub-surface flow. Both shade and hyporheic flow serve to cool warm water or maintain already cold-water temperatures. This has habitat benefits but also can dramatically influence filtration costs. Water temperature has become a significant summertime issue for most surface water filtration systems in Western Oregon. As a general rule, colder water tends to decrease both filtration costs and the need to add chlorine to filtered water through the transmission system, accordingly, decreasing the risk of disinfectant bi-product (DBP) issues.

FOREST MANAGEMENT POLICIES

Finally, stream buffers benefit natural forest structure and species diversity, as well as wildlife habitat. The presence of increased species diversity and structural complexity surrounding streams creates greater system resilience. In practice this means that a specific disturbance, whether endogenous or exogenous, has a decreased probability of fully replacing a stand of trees. Instead, the riparian areas may be retained post disturbance, or some component or species of the riparian area may survive. This was exhibited during the 2020 fires in western Oregon when some riparian areas with older, more complex, and moister forest types exhibited lower mortality levels than surrounding even-age plantation forests. As a result, stream buffers apply to both young and old forests, which both require protection.

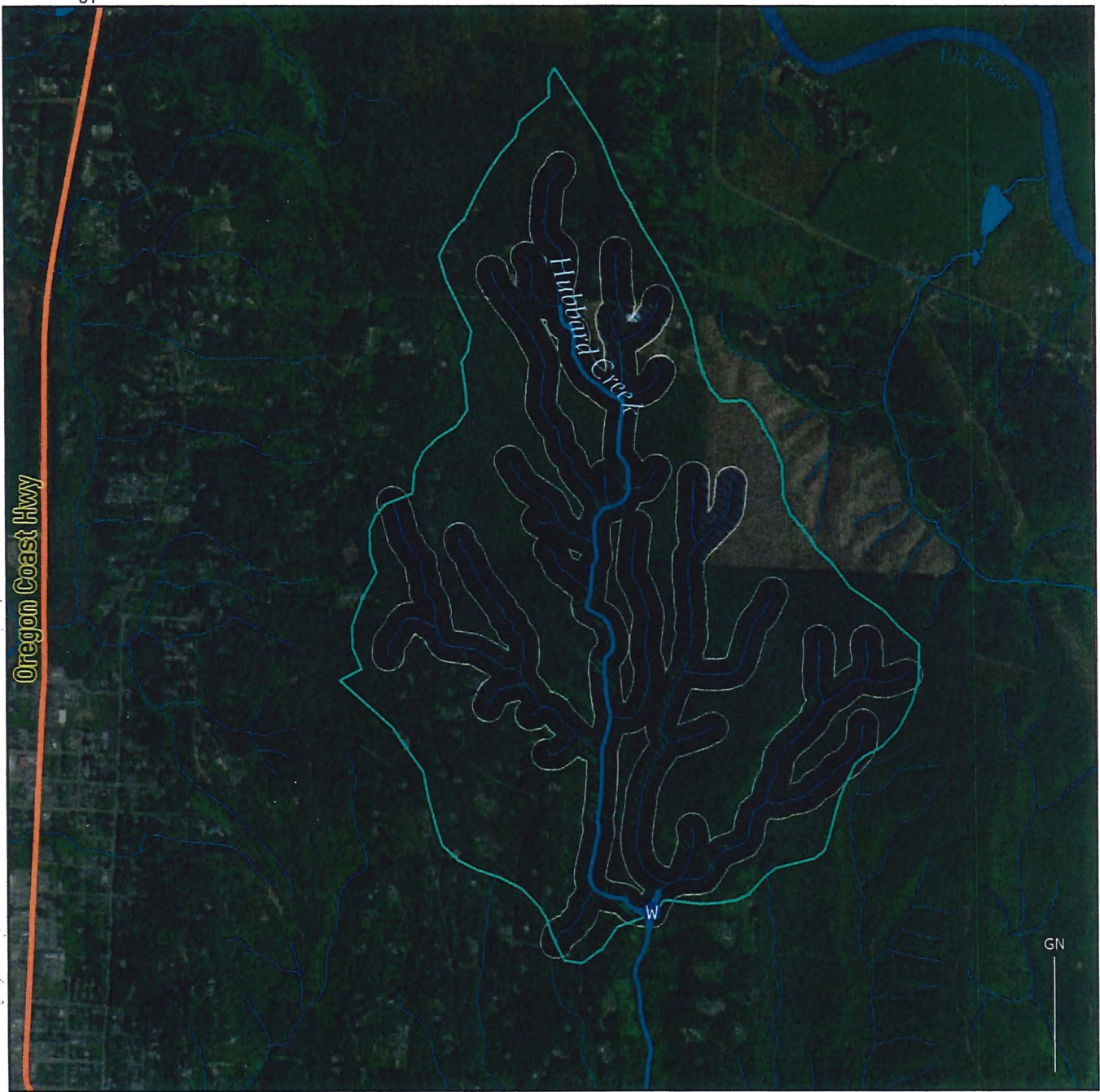
Older forests, particularly near streams, have been shown to have an array of additional benefits in terms of water quantity. In coastal forests, these old stands serve as an effective sponge, storing water during the dry season and slowly releasing it over the summer. In addition, older forests have been shown to decrease peak stream flows during winter rain events, in turn decreasing erosion and water turbidity. In the case of Port Orford, this would be particularly important for siltation in the intake reservoir.

STREAM BUFFER POLICY:







The City of Port Orford will manage with riparian buffers designed to comply with both the Oregon Forest Practices Act (OFPA) and the Forest Stewardship Council (FSC) certification (FSC Pacific Standards available through the Forest Stewardship Council website). In addition, all perennial streams (type N and F) contributing to drinking water will receive a 150 ft. no-harvest zone in absolute (non-averaged) horizontal distance. The total riparian management zone on these streams will be 150 ft. or comply with the FSC or OFPA standards, whichever provides a higher level of protection.

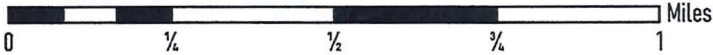
Streams not contributing drinking water, ponds and wetlands must comply with the higher of FSC or OFPA standards. Seasonal streams will be treated as a small non-fish streams (Type N) under OFPA standards.

These standards and additional protections have been designed based on the risk presented by soil disturbance in the inner buffer zone, as well as the benefits provided by increased species diversity and forest structural complexity afforded by thinning in the outer zone.



STREAM BUFFERS

-  Port Orford Water Source Area
-  Surface Water Intakes
-  150 ft. Stream Buffers
- Streams
 -  Large
 -  Medium
 -  Small



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FOREST MANAGEMENT POLICIES

Commercial Timber Harvest

HARVEST DEFINITION:

Commercial timber harvest is the act of cutting down trees to generate logs, which are sold for commercial use. End uses include lumber production, pulp and paper, or biomass heat and power generation. Harvests range from clearcutting to thinning, with a wide range of treatments in between. These harvests could take place from 1-2 acres up to hundreds of acres. Tree retention following harvest also ranged from no trees retained in the opening (retention clumped near borders) to very high tree retention with thinning or selective harvest. In all cases of commercial timber harvest, trees removed are sold for commercial purposes. This differentiates commercial harvest from pre-commercial thinning, where no material is sold from the site.

HARVEST PURPOSE:

The harvest of timber is typically undertaken to accomplish financial goals. In addition, some timber harvests, such as thinning, may be completed to improve forest health, mitigate fire risk, or to achieve other goals or objectives. In all of these cases, the harvest of timber would generate a financial return, making it "commercial."

HARVEST POLICY:

Given the relative sensitivity of the Hubbard Creek watershed, commercial timber harvest for financial return would have immediate and significant negative implications for water quality, as well as present potential long-term ongoing issues. Small areas exist, such as the dense monoculture stands on the Conservation Fund parcel, where light thinning could decrease fire risk and improve forest health. This must be balanced with the significant risk of invasive species.

Any harvests that are proposed should be undertaken to improve long term forest health, species diversity, fire risk, and forest structural complexity. The alternative silvicultural practices (thinning, variable retention harvests, selective harvesting) required for these goals will not be designed for a specific removal volume, but instead to achieve ecological desired future conditions. Overstory removal harvests will occur only if there is an immediate threat to forest health, such as a pest or pathogen outbreak.

FOREST MANAGEMENT POLICIES

Road Maintenance

ROAD MAINTENANCE DEFINITION:

Road maintenance includes all activities associated with the road network, as well as the prioritization and monitoring of roads. At a basic level, scheduled maintenance includes vegetative control (brushing or herbicide application), grading and possibly rolling, addition of crushed rock as necessary, cleaning of cross-drain structures, and removal, replacement, or addition of drainage infrastructure as needed.

Road maintenance relies on an iterative prioritization of needs and uses. Mainline roads require maintenance in addition to what smaller spur roads may require. Small spurs may simply be allowed to re-grow while roads with drainage issues may require decommissioning. Decommissioning ranges from relatively minor excavation to complete re-grading and revegetation of abandoned road surfaces.

ROAD MAINTENANCE PURPOSE:

A forest road network provides essential access throughout a property for a multitude of tasks. These range from harvest activities to fire suppression, monitoring, forest health treatments, and recreation. A well-maintained road network improves the feasibility of harvest activities while decreasing the risk of high-cost repairs or road damage.

Road maintenance is also critical to source water management for two primary reasons:

1. To decrease the risk of catastrophic failure events and associated erosion issues; and
2. To minimize the fine sediment mobilization in runoff from road surfaces. These issues are critical to the quality of source water and accordingly the cost of water treatment.

FOREST MANAGEMENT POLICIES

1. **Catastrophic Failure Risk:** Road systems both run parallel to streams and perpendicular to streams at existing crossings. Roads additionally interrupt sub-surface runoff and transfer it to surface runoff in roadside ditches. This concentration of water combined with active erosion in and around streams creates a significant risk of catastrophic road failure. This could be as minor as a blocked culvert overtopping the road surface or as significant as a landslide or major slump. These events are almost always attributable to either poor initial road design or a lack of maintenance. Regular maintenance and monitoring protect against the risk of catastrophic failure. Catastrophic failure presents a source water risk in terms of large quantities of mobilized sediment, although they often occur as a short pulse and larger particles may settle out if the failure is sufficiently far from intakes.
2. **Fine Sediment Mobilization:** While catastrophic road failure events are noticeable and usually fixable, fine sediment mobilization from road surfaces are an ever present and significant cause of source water contamination and increased filtration costs. Roads, particularly when heavily used, generate fine sediment and concentrate it in roadside ditches. These ditches contribute the fine sediment directly to streams. Fine sediment remains suspended in the water column through the stream and source water intakes, creating significant water filtration issues. Any logging activity will generate increased sediment through any road system. Accordingly, a challenge exists in building and maintaining a road system with minimal risk from fine sediment.

FOREST MANAGEMENT POLICIES

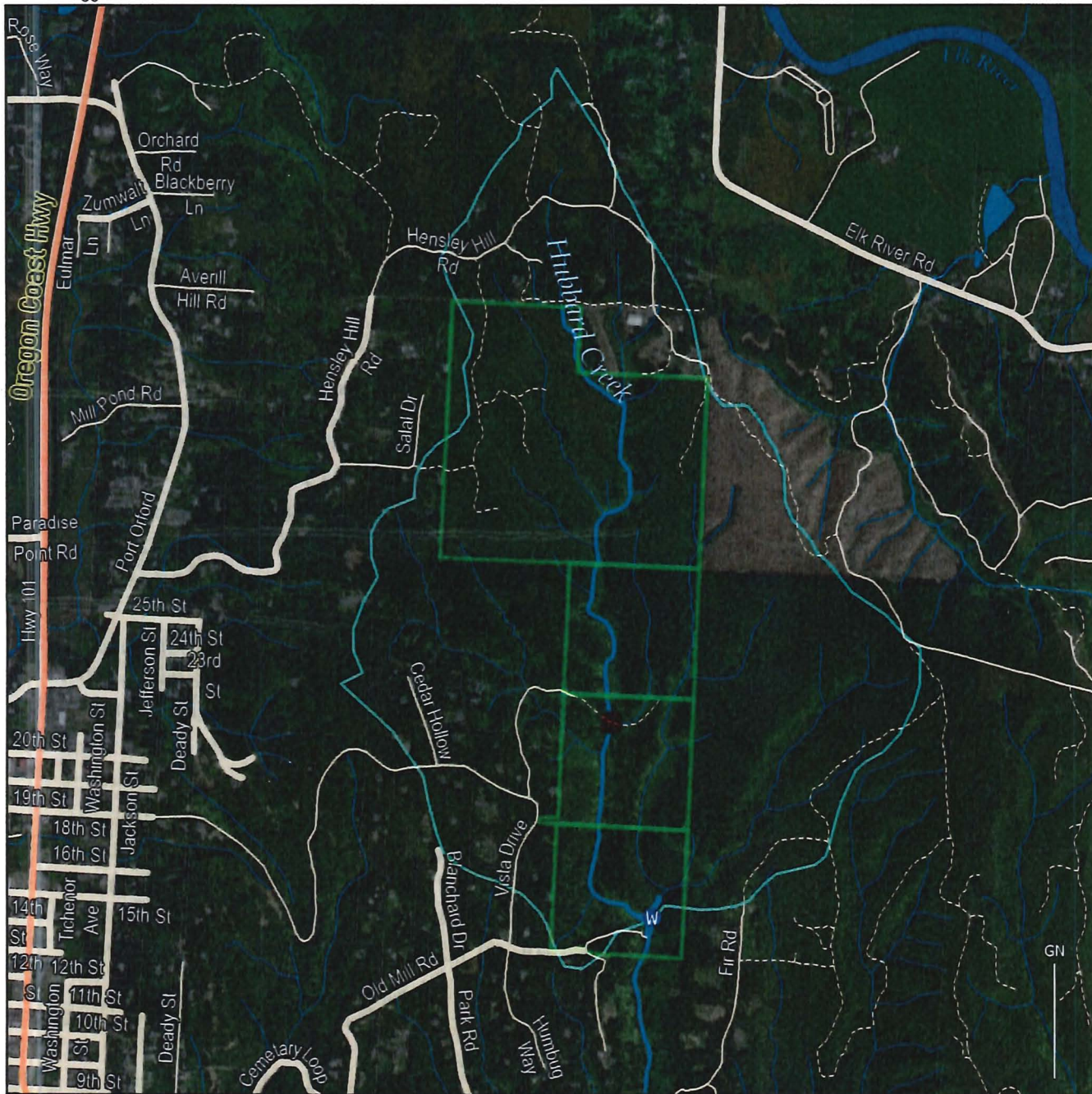
ROAD MAINTENANCE POLICY:

An up-to-date map of roads and inventory of condition is critical to prioritizing maintenance activities.

Smaller or less frequently used roads either require decommissioning or have been / will be abandoned. Mainline and essential spurs are to be maintained on a scheduled basis with repairs as needed. In the unique case of the Hubbard Creek Watershed, a number of relatively large roads and driveways run through the western quarter of the property for access to residential properties.

Road maintenance will focus on updating roads to current watershed best management practices, or removing unnecessary roads. These practices focus on transferring water to the downhill side of all roads while minimizing the potential of water concentrating in roadside ditches. Strategies include out-sloping roads where possible, frequent cross drains, and disconnecting culverts from active stream channels. Natural forest understory vegetation provides the best sediment filter available for forest roads.

No road inventory exists for the Hubbard Creek Watershed. A prioritized road maintenance plan should be completed with a strong emphasis on roads with the potential for critical failure. Primary among these would be the un-mown primary access road from the west. A large fill and culvert on this road has the potential for near-term catastrophic failure (discussed in the property-level sections). In addition, no new roads should be built in the City owned watershed parcels unless existing issues are dealt with and sufficient funding is in place for long-term road maintenance.



ROADS

ADD NEW MAP
ZOOMED OUT VIEW

Port Orford Water Source Area

City of Port Orford

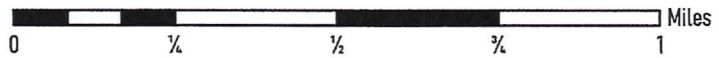
Roads (ODF)

- Paved
- Surfaced
- Unsurfaced

Road Failure

Streams

- Large
- Medium
- Small



FOREST MANAGEMENT POLICIES

Invasive Species

INVASIVE SPECIES DEFINITION:

Invasive plant species such as Gorse, Scotch broom, Himalayan and evergreen blackberry, English and Cape ivy, English holly, Cotoneaster and Jubata grass, are found in many parts of the watershed. These species have successfully invaded the region because they seed or sprout prolifically and are strong competitors with native vegetation, including tree seedlings.

Many watershed activities or events have the potential to promote the spread of exotic plants by transporting seeds, opening areas to light, or exposing mineral soil (e.g., vehicle traffic, road clearing, timber harvest, wildfire). A separate Wildfire Hazard Reduction and Gorse Infestation Management Plan has been completed by the Curry Soil and Water Conservation District, and should be consulted for questions related to fire and Gorse management.

Major diseases of South Coast conifer forests include pathogenic fungi that cause stem rots, root rot and needle diseases which can each individually drastically reduce stand vigor and can lead to blowdown or tree death.

Primary among these are *Phytophthora lateralis* and *Phytophthora cinnamoni*. These soil-borne root fungi are present in the area and can also be transported by soil (including on shoes and boots). Trees with root rot can be identified by thinning canopies, followed by red needles, lesions around the root collar, and eventual tree death.

Although not yet widely evident, root rots present a hazard to forest management, particularly along the southern and eastern boundary of the watershed. The core area of the watershed does not show signs of root rot. Careful monitoring can help identify and control problems before they become widespread. Control measures for root rots include managing for non-susceptible species such as western red cedar and red alder, and transport of the fungus on equipment, shoes and boots.

INSECTS:

Most tree species have developed effective resistance and tolerance mechanisms to help ensure their reproduction and long-term survival when faced with common pests. However, this may not be the case with exotic insects and diseases.

FOREST MANAGEMENT POLICIES

Sitka spruce tip weevil (*Pissodes strobi*) is commonly associated with young Sitka spruce. It is present on young spruce on the watershed, causing stem deformity and leader dieback. It is not fatal except where the attacks are frequent and severe enough to retard height growth, allowing the trees to be overtopped by competing species. Tip weevil is likely to be present as long as there are young spruce present. As the current stands age and the trees reach a height no longer favorable to the insect, the infection levels are expected to decline. For example, recent studies show that beyond about 25 years of age, infection levels decline to about 10 percent infected at age 45.

Significant damage from Douglas-fir bark beetle (*Dendroctonus pseudotsugae*) is primarily a hazard after major windthrow occurs. The downed trees provide good rearing habitat and allow insect populations to reach a level where successful attacks are made on standing trees. Strategies to prevent windthrow, prompt salvage of windthrown Douglas-fir, and use of beetle pheromone attractants can minimize risk from bark beetles. Regular, careful monitoring can help identify changes and points of concern.

Massive defoliation of western hemlock by hemlock looper (*Lambdina fuscicollis lugubrosa*) occurs periodically in this region. Conditions that favor hemlock looper outbreaks are not well understood.

INVASIVE SPECIES PURPOSE:

Invasive plants present a competitive challenge to native vegetation. This includes significant risk from Gorse, blackberry and Scotch broom, which can overwhelm all native species and create a monoculture thicket. By competing aggressively for light and moisture, these invasive species will either kill native species that occupy a site or preclude the establishment of native plant communities.

Invasive species can create challenges for working forestry and source water. In order to grow a healthy forest, native trees, primarily conifers, must outcompete any invasive species present on a site during stand establishment. If a risk exists of failure to establish a forest, foresters typically consider mechanical and chemical treatment of invasive at significant expense. Many commercial forest managers proactively broadcast treat harvest units in order to decrease the risk of invasive and to decrease competition from invasive and native herbaceous plants.

Invasive species also present a range of risks to source water. Some of these species, such as Reed canary grass, change stream channel patterns and present erosion risk either in the stream channel or from cutbanks. Others may establish along riparian

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FOREST MANAGEMENT POLICIES

corridors and outcompete native vegetation. These plants can increase overall evapotranspiration, decreasing overall soil moisture. Over time, this condition will lead to decreased base flow and less reliable summertime source water.

INVASIVE SPECIES POLICY:

The City of Port Orford will work with partners to utilize the best available science and treatments for the management of invasive species. Invasive species are an inevitable component of ecosystems on the Oregon Coast, but forest managers will strive to manage for native species and diverse ecological communities.

The most viable and permanent treatment for most sun-loving invasive species is shade. The establishment of mature stand structure across the property and, where possible, retaining a component of overstory trees through harvest rotations, has the potential of shading out most invasive species.

The Curry Soil and Water Conservation District's Gorse Infestation Plan for the Port Orford DWSA should be consulted for all treatments relating to Gorse or other invasives.

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FOREST MANAGEMENT POLICIES

Chemical Use

FOREST CHEMICALS DEFINITION:

Forest chemicals include herbicides, pesticides, and fertilizers. A wide range of products exist and are applied through a variety of methods. The most common forms of chemical use in coastal Oregon forests are broadcast and spot herbicide application. These applications are either focused on decreasing herbaceous competition or treatment for specific invasive species issues. Pesticide use is rare and fertilizer application varies between landowners. Fertilizer use is extremely rare on public lands.

FOREST CHEMICALS PURPOSE:

Forest chemical treatments generally focus on three forest stewardship goals.

1. Controlling plant competition during regeneration in order to improve seedling survival and growth.
2. Treatment of invasive species that pose a risk of spread or competition with native plants.
3. Maintenance of road systems to control grass, invasive plants, and brush. Road spraying allows for less frequent brushing and retains rock surfaces.

Some extreme circumstances, such as widespread Scotch broom, exist with few alternatives to herbicide treatment. These circumstances do not currently exist on the Hubbard Creek Watershed and efforts will be taken to avoid future invasive species issues.

FOREST CHEMICALS POLICY:

The City of Port Orford will not use any herbicide, pesticide, or fertilizer for any type of treatment on the Hubbard Creek Watershed without unanimous City Council approval. The City will work proactively with neighbors to establish agreements for herbicide use adjacent to or within the watershed. The northern parcels are also subject to an easement which constrains the ability to use herbicide. In addition, operating plans will include roadside mowing and manual treatment as needed to maintain the road network.

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FOREST MANAGEMENT POLICIES

High Conservation Value Forest

HIGH CONSERVATION VALUE FOREST DEFINITION:

The Forest Stewardship Council and other conservation non-governmental organizations provide guidance for the identification of high conservation forest. The standard methodology identifies six criteria: 1) species diversity, 2) landscape level ecosystems, 3) ecosystems and habitats, 4) critical ecosystem services, 5) community needs and 6) cultural values. The HCV methodology then relies on a standards adaptive management framework for identifying a value, assessing the value, developing management plan, plan implementation, monitoring, and adaptive long-term management. At a tangible property scale, this process includes a range of discovery tasks to determine high conservation value forest, incorporation into existing or new plans, followed by long-term iterative management, monitoring, and adaptation with the goal of providing an additional level of protection for the underlying conservation value.

HIGH CONSERVATION VALUE FOREST PURPOSE:

High Conservation Value Forest provide protection for unique values, such as drinking water, as well as an additional layer of decision-making oversight

for ecologically unique landscapes. In the case of a drinking watershed, designation as High Conservation Value draws attention to the importance of the landscape in providing reliable quantities of clean, safe drinking water. Other areas that will receive an additional level of scrutiny include forests with unique tree species or legacy areas of old growth forest.

HIGH CONSERVATION VALUE FOREST POLICY:

The City of Port Orford exists in a unique position where roughly 90% of the City-owned property in the Hubbard Creek Watershed is considered High Conservation Value Forest under FSC standards. These are all of the areas within the Drinking Water Source Area. Of the potential watershed acquisition from The Conservation Fund, approximately 70% of the new parcel would be considered High Conservation Value forest. As a result of this high designation of HCV, all of the city-owned parcels with areas within the Hubbard Creek Watershed will be managed as if they were HCV, meaning that active management activities require City Council review and approval.

STAKEHOLDER AND PUBLIC INVOLVEMENT

The City of Port Orford as a public entity provides an open process related to all decisions impacting the management of the Hubbard Creek Watershed.

This Forest Stewardship Plan is maintained on the City of Port Orford website and can be accessed by any person or entity for review. Any interested party can contact the City and obtain access to the management plan if they do not have web access.

City Council meetings serve as an important public forum for conversations about the watershed and all management decision go through a process with the City Council, allowing for public stakeholder input.

All stewardship projects are submitted to City Council for review at a regularly scheduled meeting of the council. The information relative to the project is published for review prior to the meeting on the City website and notice of the meeting agenda is posted in the local paper prior to the meeting. In addition, stewardship projects should be reviewed by the Watershed Council and Curry Soil and Water Conservation District, as well as the local ODF stewardship forester. Council must accept and review public comment prior to any decision regarding the project. The project is distributed to qualifying parties for review and opportunity to bid on the project. The project notice is also posted in the local paper.

All responses are brought before Council for review and decision to award a contract. Public involvement is considered in all phases of the decision making process.

STAKEHOLDER AND PUBLIC INVOLVEMENT

Public Access & Fire Risk Mitigation

As noted in the property description, the Watershed has some desirable attributes for recreation. Interest in public access and recreation on the Hubbard Watershed is likely to grow as the population of and visitorship to the southern Oregon coast increases. This raises a number of important questions, challenges and opportunities for management of the Watershed, including recreational use and risk of human-caused wildfire.

Humans are the primary exogenous force acting on the Hubbard Creek Watershed. From forest management decisions to recreational activities, human actions have and will continue to shape this landscape. Human impacts can have positive and negative in terms of water quality. Positive impacts would include invasive species treatments and resilience-oriented forest management decisions. Negative impacts are far more varied and include fire ignition, erosion, and source water contamination. This section focuses on the three latter issues.

While fire ignition is not fully tracked, anecdotally and from conversations with the Oregon State University fire resilience extension staff, most fire ignitions in Western Oregon are human-caused. Typically, fires start because of a poor understanding

of fire propagation risk and careless behavior, or a combination of the two. The primary method to limit human-caused fire ignition is to exclude humans from a landscape. This human exclusion has become an annual occurrence, with most private forestland owners closing all public access during periods of high fire risk. Other measures can be taken including limitations on vehicle and power-driven machinery use, campfire bans, smoking bans, limitations on slash burning, and improved signage and public education.

Fires in western Oregon have historically been large and stand replacing with moderate return intervals. With hotter, drier summer seasons, and a number of fire adapted species present on the site, it is likely that the return interval of fire on the watershed will decrease, as will severity. More recently, a number of fires on and around the subject property have ignited due to slash burning, specifically along the eastern boundary. Improved slash treatment practices are mandatory for fire management, including considerations of chipping, small piles, and an outright ban on slash burning on City-owned property. This again would be in-line with comparable watersheds on the coast that do not burn slash.

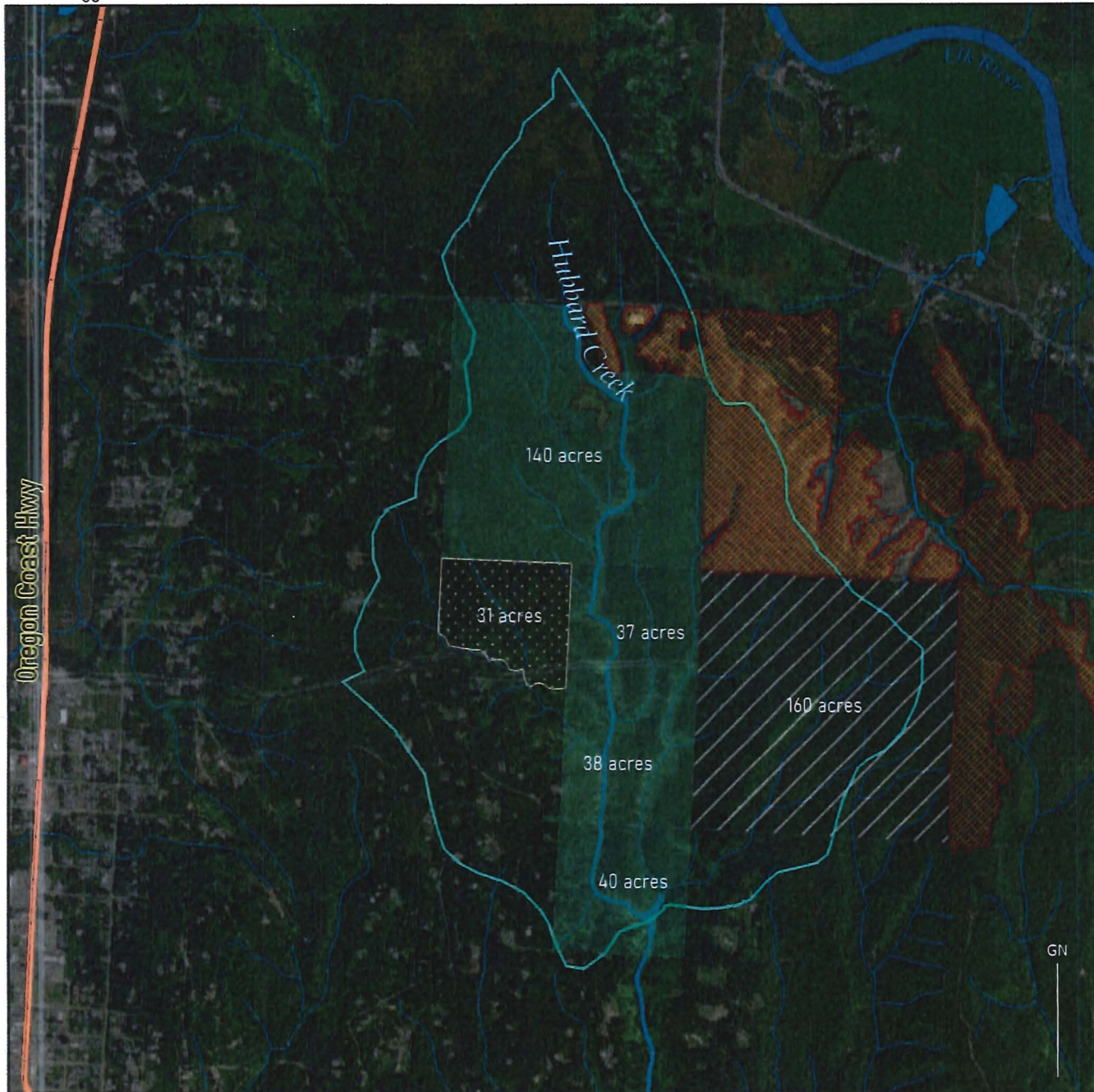
STAKEHOLDER AND PUBLIC INVOLVEMENT

Activities that would decrease fire ignition risk on the watershed include:










- Limits on recreational use (improved signage at minimum, full closure of property)
- Landowner education on fire risk (primarily to limit pile burning)
- Fuel reduction treatments in high-risk areas
- Consideration of shaded fuel breaks along east and south property boundaries
- Maintain old and complex forest structure throughout the watershed
- Maintain priority access roads

Section 2 - Property Specific Descriptions and Stewardship



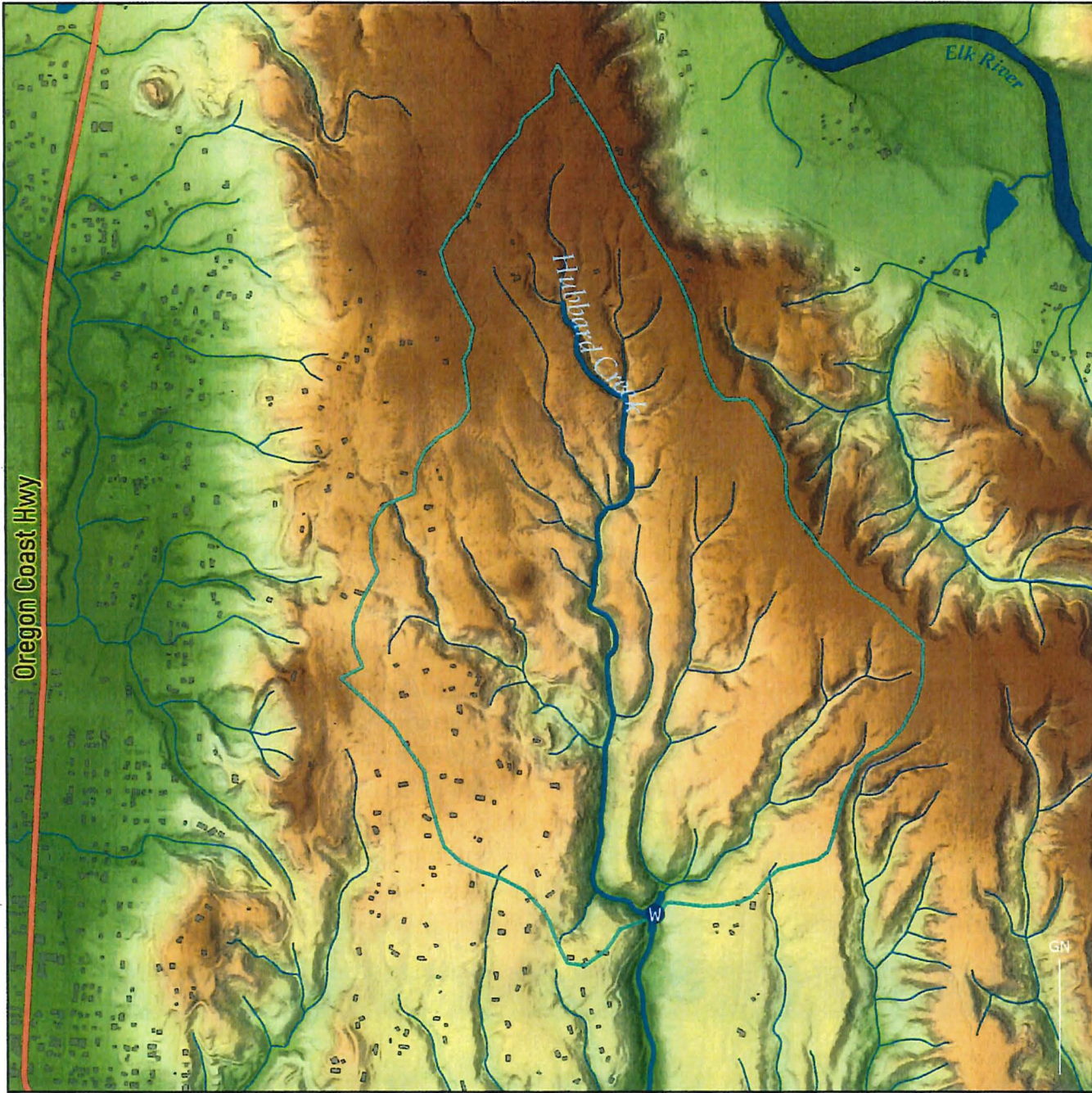


PROPERTY BOUNDARIES

-  Port Orford Water Source Area
-  Parcels
- Owner Name
 -  City of Port Orford
 -  Mary Largess Lee
 -  The Conservation Fund
 -  Harvested / Nonforest
- Streams
 -  Large
 -  Medium
 -  Small

Note: Imagery differs from actual conditions due to acquisition date. Harvested/nonforest areas are approximate.





TOPOGRAPHY

Port Orford Water Source Area

Surface Water Intakes

Buildings

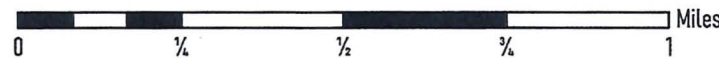
Streams

Large

Medium

Small

Elevation (ft.)



CITY OWNERSHIP

Description

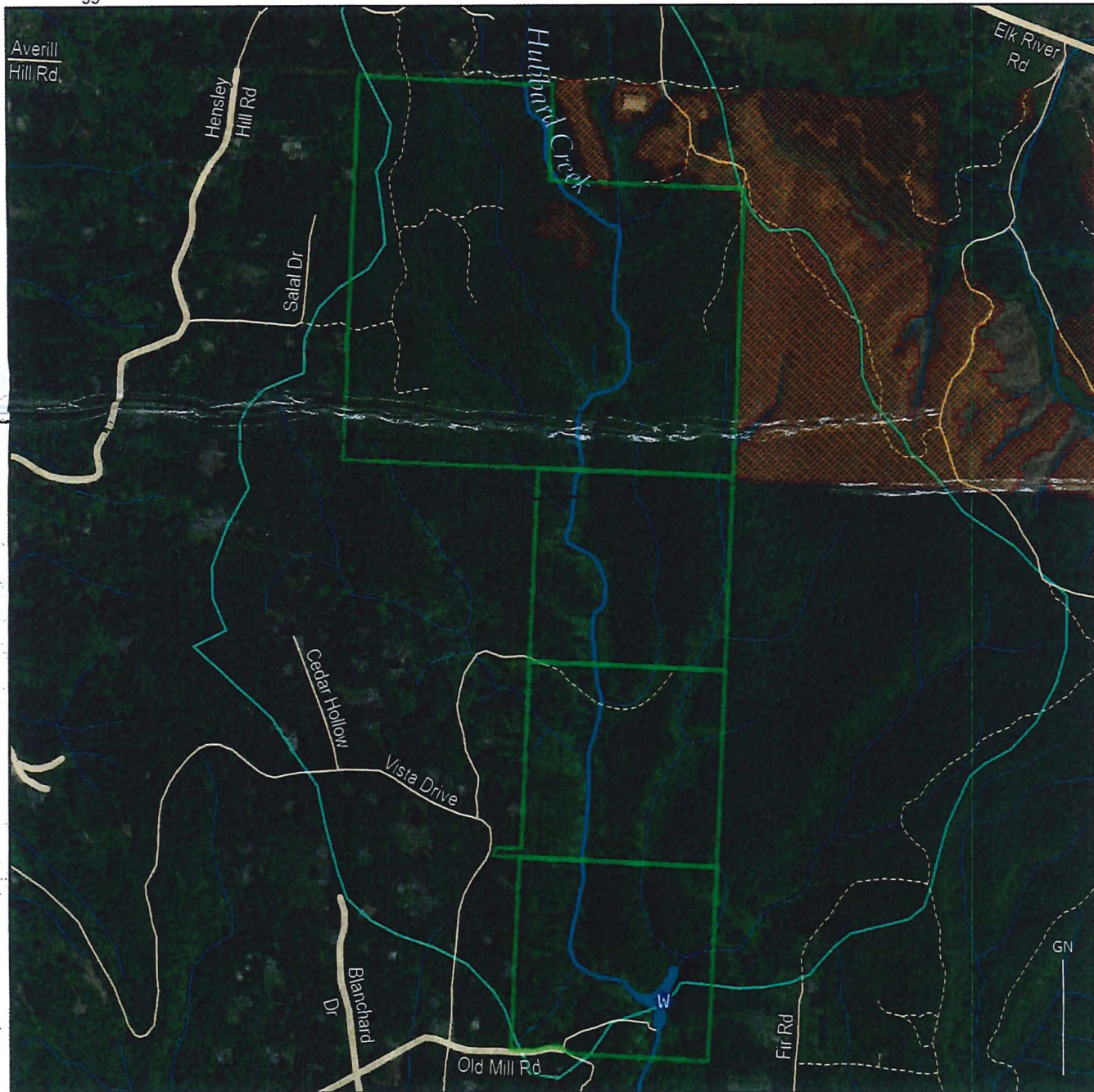
The City of Port Orford currently owns 250 acres of the Hubbard Creek Watershed in 4 parcels. The largest of these parcels is 134 acres and was acquired using a conservation easement in 2000 after it had been recently harvested. The history of the remaining parcels (38, 38, and 39 GIS acres) is unclear, but the City has owned them for an extended period. These parcels show minimal history of harvesting, with logging limited to small patches, primarily along roads.

The City ownership extends north through the core of the watershed. The reservoir and water intake are on City owned property accessed from Old Mill Rd. Hubbard Creek splits on the southernmost parcel, with the eastern fork extending onto the current Conservation Fund property. The western fork runs north, terminating to the north of the 134 acre parcel in private residential developments.

Access to the core city ownership is primarily from three gates. These are the reservoir access road from Old Mill Rd., an easement through private property via a gated and abandoned road on Vista Drive, and from a locked gate at the end of Salal Lane. Maps show additional access from the north via Hensley Hill Rd, but this could not be confirmed.

The City ownership is primarily made up of steep ravines down to shallow creeks with large, broad ridges in between. The entire ownership is heavily forested and has minimal access. Small walking and game trails indicate some minor level of public access, but this appears isolated. For the most part, the heavy growth, lack of road maintenance, and wealth of recreational opportunities in the area have led to very limited use of the property.





PORT ORFORD OWNERSHIP

- Port Orford Water Source Area
 - W Surface Water Intakes
 - Harvested / Nonforest
 - City of Port Orford
- Roads (ODF)
- Paved
 - Surfaced
 - Unsurfaced
- Streams
- Large
 - Medium
 - Small



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CITY OWNERSHIP

Current Forest Conditions

The entire 250 acres owned by the City of Port Orford are forested, with three primary forest types. The core of the watershed, across the southernmost three parcels, are old forest, with some trees estimated over 250 years old. Intermixed with this are small patches of alder and mixed conifer forest, indicating small patch cuts that were conducted 30-50 years ago. These areas total about 15 acres. The northernmost 134-acre parcel is entirely 20-22 year old mixed conifer. Following harvest this stand was replanted with limited success. The result is a relatively complex forest structure with high species diversity and rapidly increasing stratification. Stratification occurs when competition excludes or suppresses some trees, evidenced by varying tree height and diameter, natural mortality, and small canopy gaps / windthrow. Each forest types is discussed in the following sections:

TYPE 1: OLD FOREST

Approximately 100 acres through the lower reaches of the Hubbard Creek Watershed are what would be considered functional old forest. While this forest has seen some harvesting in the past and is a mix of older forest and second growth, the structure and species composition of this forest function similarly to a very old forest. A combination of natural mortality, fire, and



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CITY OWNERSHIP



Old forest in the City of Port Orford exhibits high species diversity as well as patch openings and a variety of tree sizes. This type of forest both serves as an effective sponge for water, and has relatively high resilience in the face of ecological disturbances such as windstorms, pest and pathogen outbreak, and drought.

CITY OWNERSHIP

logging have lead to high heterogeneity, meaning that there are a combination of small trees, large trees, and a wide array of other plants. In addition, the forest has very high species diversity, with three clear strata within the forest. Large trees, primarily Douglas fir, constitute the main canopy. These trees range in age from an estimated 100 to over 250 years, and often have large scaffold branches, broken tops, or other wind damage. Below these trees are a second strata of conifers, often Hemlock, Cedar and Douglas fir. This second strata is clumped into small gaps, often created when a large tree fell down, clearing a significant opening in the canopy. Beneath this strata are hemlock and other shade tolerant species that exist within 20-30' of the forest floor. Unique to this coastal forest, you also find Madrona and Alder mixed into old forest conifer stands.

The old forest has a complex and unique understory, with Salal, Oregon grape, Madrona, and a wide array of other understory plants. The ground is covered by a thick duff layer with active mycorrhizal fungus networks visible within the upper layers of the soil.

In terms of water filtration and watershed forest health, an old forest such as the 100 acres in the core of the City ownership provides enormous benefits. The multiple layers of the forest canopy serve to decrease peak runoff, while also functioning as a sponge

during dry summer months. Paired basin studies have shown that these forests not only decrease sediment contribution to streams, but have a more significant landscape-scale hydrological impact. This is particularly important for watersheds where both source water capacity issues exist, and where other portions of the watershed may be degraded for a variety of reasons (land development and recent harvest primarily). Both land development and harvesting / young forest have the potential impact of increasing peak flow by decreasing the ability of the forest to serve as a sponge and decreasing base flow through increased evapotranspiration.

The old forests in the core of the City ownership appear to continue to develop in terms of structure and diversity. Small areas of windthrow created gaps, which will become occupied by smaller or younger trees. At present, the best management approach for protecting water resources is to protect these core areas, minimize the impacts of any roads extending into them, and consider limitations on public access to areas around the reservoir and immediate vicinity.

CITY OWNERSHIP

TYPE 2: ALDER GAPS

A number of small gaps exist within the older forest, some of which appear to have resulted from logging, while others may be the result of windthrow events. These small alder gaps are generally 15-45 years old and are not immediately adjacent to streams. As a species, Alder tends to quickly occupy sites with exposed mineral soil, and fully occupies that site during its relatively short lifespan, typically under 60 years. This is a natural part of plant succession, and as the Alder begin to age, the site will typically become occupied by longer-lived conifers.

Some municipal watersheds have elected to artificially transition deciduous stands to conifer stands, especially near water. The thinking behind this is threefold- first: conifers are longer lived and provide a more stable natural form of filtration, second: deciduous trees are bare during the winter and may lead to higher winter time runoff / lower summer base flows and third: leaf litter may contribute additional tannins / nutrients in the water, possibly leading to disinfectant byproduct issues. In general however, alder removal has not been shown to have significant source water impacts, and the Alder patches in the Hubbard Creek Watershed are not immediately adjacent to streams.

Following natural plant successional pathways, the alder patches will likely transition to a mixed conifer forest over the next 20-50 years on their own. Thus, unless other logging is planned in the immediate vicinity, there would be no argument for active management of Alder patches. In addition they total only about 15 acres, which is smaller than a practical management unit in this forest.

CITY OWNERSHIP



TYPE 3: YOUNG FOREST

The largest area of the City ownership is the 134-acre northern parcel, which is almost entirely young forest, between 20 and 22 years old. This area was harvested around 2000 and re-planted. Some areas, such as those immediately along the southern parcel boundary, regenerated very successfully and are even age Douglas fir monoculture stands. The majority of the parcel appears to have limited success with artificial regeneration and regenerated naturally over the follow 5-10 years. The result is high species diversity, irregular tree spacing, and the existence of large gaps. Many of these gaps are occupied by Salal or Oregon grape, however Gorse has occupied one significant area of the parcel.

The areas of the parcel that did regenerate following planting are now dense, young forest. These forests are in a challenging state, where they are too old to be pre-commercially thinned (thinning by hand where all material is left on site), but too young for commercial thinning. The stands have clearly begun to stratify and will continue to do so. The City may want to consider commercial thinning in approximately 10 years.

CITY OWNERSHIP

Resource Concerns

The forest resources on the City ownership within the watershed appear healthy, growing well, relatively diverse, with high structural complexity. The old forest is what many cities wish that they had- a functional sponge and filter in the core of their watershed. These forests are able to maintain high base streamflow while decreasing peaks during winter storms, and in turn decreasing the contribution of sediment to the source water.

The primary concern within the City ownership are the roads, particularly the unmaintained road accessed from Vista Drive. The culverts in this road were left in place, with a large (~5') culvert appearing broken and an adjacent culvert extending steeply down a hillside directly into the creek. The stream forks directly above this, with the eastern fork appearing to run in another culvert, and then parallel to a steep section of logging road. It is unclear when this road was built, but it appears to have been used during logging of the northern 134-acre parcel.

The risk with this road is that one or multiple of these culverts could fail. A failure might be slow, in the case of erosion or a rusted pipe, but it also could be catastrophic, in the case of a plugged culvert blowing out the road fill. The City should immediately evaluate these structures and consider removal and reconstruction. The road has no current functional need and could be fully removed.



Culvert on the access road from Vista Drive showing odd drainage structures and partially failed primary culvert in Hubbard Creek.

Stewardship Recommendations



Beyond road stewardship and / or removal, there are no forestry related stewardship recommendations for the City ownership in the Hubbard Creek Watershed. In 10-15 years, the City may consider thinning the northernmost 134 acres. This area of young forest appears to be stratifying and self thinning however, and may stay healthy and quickly growing with no further intervention.

Small areas of invasives, most notably Gorse and Scotch broom, exist in areas of the watershed. These are relatively isolated and are being actively managed. Continued work to manage invasives are a definite positive and will help to limit spread to other areas of the property.

THE CONSERVATION FUND OWNERSHIP

Description

The Conservation Fund ownership is located immediately adjacent to the City ownership, and outside of the Port Orford Urban Growth Boundary. The parcel is 154 GIS acres, or 160 deeded acres. The property is entirely square, constituting a quarter section, and is zoned Forestry Grazing (FG). The property has a history of forest management, and was purchased from Wilson Operations of Lyons, OR in 2021 with the intention of transferring it to City ownership.

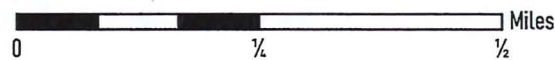
The property has two access points- from the South via Fir Lane, and from the north from a spur road off of Hubbard Creek Rd. Both accesses are in good condition, although the southern, legal access, comes through numerous private, residential properties. Both access points have small wooden bridges of unknown capacity.

A small SSB / Type D stream, which is a tributary to Hubbard Creek, extends through the property. This stream would have a 60' buffer under current Oregon Forest Practices Act protections, or a 150' buffer according to the policies of this stewardship plan. This stream is categorized as highly erodible, as exhibited by slumping banks and significant fine sediment deposits visible in the stream bed. Any active logging near the streams could have dramatic source water impacts for the Port Orford reservoir and water system.



CONSERVATION FUND OWNERSHIP

- Port Orford Water Source Area
- W Surface Water Intakes
- The Conservation Fund
- Harvested / Nonforest
- Roads (ODF)
 - Paved
 - Surfaced
 - Unsurfaced
- Streams
 - Large
 - Medium
 - Small



THE CONSERVATION FUND OWNERSHIP



Dense, 50-60 year old timber on the Conservation Fund ownership. This specific area was not thinned, although some of the property shows signs of light thinning in the last 20 years.

THE CONSERVATION FUND OWNERSHIP

Current Forest Conditions

The Conservation Fund ownership is well forested with dominant trees between 50 and 60 years old. An inventory was completed in February 2021 that found the property to have two stand types. Type 1 is 135.3 acres of well-stocked Douglas fir, western hemlock, Sitka spruce, and Port Orford cedar. The average stocking was 19.4 mbf / acre. Type 2 is 16.4 acres of poorly stocked Douglas fir and western hemlock which averaged 3.3 mbf / acre. Since the inventory, an estimated additional 10 acres of the property burned due to slash burning on an adjacent ownership. The burned area was of the well stocked type 1 and now could be added to the acreage of type 2.



The parcel was clearcut sometime around 1960 and naturally regenerated to a mixed conifer stand. Some areas of the property were commercially thinned, it appears around 20 years ago. This thinning was done along the eastern half of the property, on flat sites with good road access. Areas further west were not thinned.

The property has very thick undergrowth. The undergrowth is primarily a mix of native bushes and shrubs, however some small patches of Gorse exist adjacent to the southern access road. In the case of fire, the thick undergrowth and dense stand structure could lead to a rapidly moving crown fire. It is unclear whether thinning would dramatically improve these conditions given the rate at which underbrush would re-occupy the site.

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THE CONSERVATION FUND OWNERSHIP

Resource Concerns

The Conservation Fund ownership has a very dense stand structure with thick underbrush and relatively low species diversity. In addition, the property borders on developed residential property to the south, and a large property that has been recently harvested and could be developed to the north. The fire that burned onto the property in 2022 started on the recently harvested property to the north. Luckily this fire occurred in relatively mild fire weather and a rapid response limited its extent to a few hundred feet onto the property.

Any logging on the property has the potential to impact source water running from the eastern-most fork of Hubbard Creek into the reservoir. This area is highly erodible, steep, and close to the reservoir. If any operations were to occur, they should be kept a minimum of 150' from any flowing water and 50' from ravine or gully edges. No culverts or roads were seen crossing streams or creeks.



Soils along the SE fork of Hubbard Creek in the Conservation Fund are highly erodible and covered with a dense brush layer, excluding understory plants that could help to further stabilize soils.

THE CONSERVATION FUND OWNERSHIP



A fire recently burned onto the Conservation Fund ownership from an adjoining property. This fire was patchy and quickly stopped. The fire line shown here is approximately 50' into the property and was created with a small bulldozer.

THE CONSERVATION FUND OWNERSHIP

Stewardship Recommendations

General property maintenance would include controlling access, working with neighbors to limit the risk of fire on the property, and considering thinning on flat stands near roads. Many of these areas were thinned 20-25 years ago and could be thinned again. Commercial thinning with appropriate logging equipment could improve forest health and increase the rate of development for old forest functional characteristics. This type of activity should only be considered on moderate (less than 20%) slopes over 150' from water. In addition, this type of treatment might generate a modest financial return to help with ongoing property stewardship costs.

Any management activities on the property should include negotiations with neighbors to secure legal access either to the north, or to the east via Hubbard Creek Rd. In addition, stewardship projects that generated log sales would need to evaluate bridge strength for hauling.

Section 3 - Management Recommendations

TOPIC AREAS

The document raises a number management opportunities for the City of Port Orford. These management opportunities include:

1. Public Access
2. Invasive Plant Treatments (Gorse)
3. Fire Risk Reduction
4. Improve Road Maintenance and Monitoring
5. Consider future forest stewardship (thinning)

MANAGEMENT RECOMMENDATIONS

Public Access

The watershed is currently open for public access with very few posted closures. It appears that members of the public access much of the property by foot. There is some risk to this, primarily in terms of fire ignition risk. This level of public access on a small drinking watershed is relatively unusual. At minimum it is recommended that the City post new signs at all access points with the following conditions:

- Property open from sunrise to sunset only
- No camping, open flames, or smoking
- Foot traffic only, please stay on existing roadways, no motorized us
- Leave no trace - please pack out everything that comes in with you
- If you see something of concern, please let us know! (Post signage with City emergency contact)

MANAGEMENT RECOMMENDATIONS

Invasive Plant Treatment

Gorse, a highly flammable and aggressive invasive plant, has a presence in the Hubbard Creek Watershed. There are two primary locations – one on existing city ownership and the other on Conservation Fund ownership. The Curry Soil and Water Conservation District has prepared a separate plan for Gorse management and fire risk mitigation in the Hubbard Creek Watershed. This plan should be considered for all issues relating to Gorse

Other, minor invasive plants do exist in the watershed. These plants have minimal presence and do not currently present a risk to source water. In the case that any of them increase in prevalence or spread rapidly, treatment should occur in consultation with the Curry Soil and Water Conservation District and other partners.

WILDFIRE HAZARD REDUCTION: PORT ORFORD DWSA

Gorse Infestation Management



Prepared for:
City of Port Orford

Prepared by:
Erin Minster
Curry Soil and Water Conservation District

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MANAGEMENT RECOMMENDATIONS

Fire Risk Reduction

Fire risk is significant in the Hubbard Creek Watershed and any fire would likely burn with relatively high intensity, leading to significant source water issues. Thinning and fuel reduction in these forests may have some limited fire risk reduction benefits, but also run the risk of introducing or providing sunlight to Gorse and other highly flammable plants. Any thinning or fuel reduction should be done in close collaboration with the Curry Soil and Water Conservation District to minimize the risk of invasives.

The primary measure for fire risk reduction is to decrease the risk of human-cause ignition. This includes education of neighboring private landowners, particularly related to backyard or slash burning. Holdover slash piles that appear to be out but re-ignite following wind or dry weather are an annual risk on the Oregon coast, particularly in the early fall and late spring. Recreation users also generate some ignition risk and public access is discussed earlier in this section.

MANAGEMENT RECOMMENDATIONS



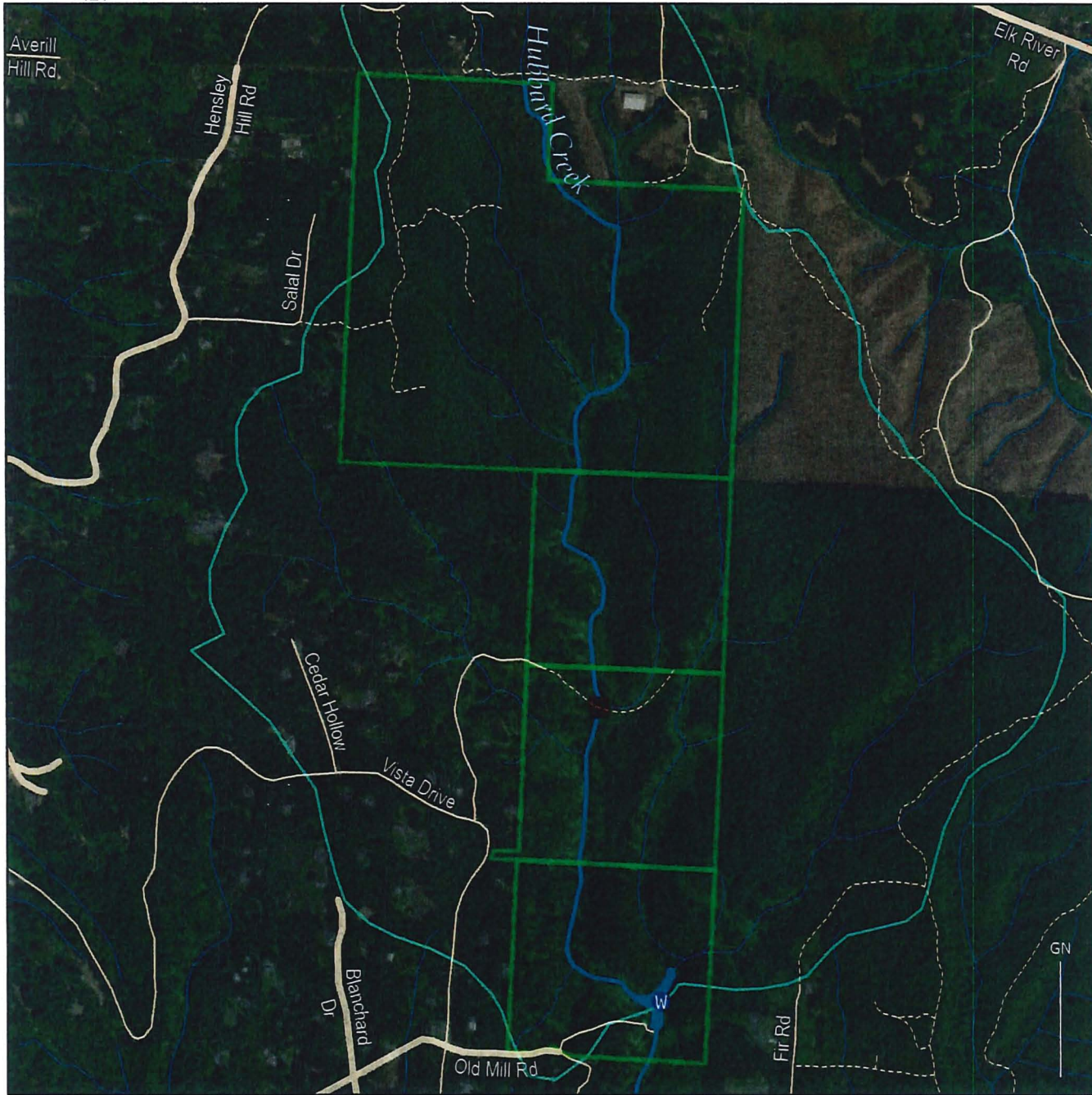
Small areas of the Conservation Fund ownership and much of an adjoining property were heavily disturbed both by the fire, and by fire fighting efforts that removed much of the understory vegetation.

MANAGEMENT RECOMMENDATIONS

Road Maintenance and Monitoring

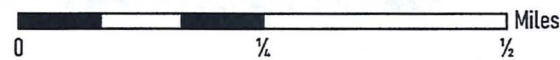
The Hubbard Creek Forest includes a number of unused or lightly used forest roads. Many of these roads include historic culverts that were not removed following active use. In particular, a large culvert on the north-most fork of Hubbard Creek requires regular monitoring and eventual removal or replacement. A catastrophic failure of a plugged culvert would generate long-term water quality issues.

Roads should be categorized by public works staff for 1) staying open or 2) closure. Any roads in category 1 should have the primary road surface mowed on a 3-year basis and a 24' road prism brushed as needed (every 3-6 years might be appropriate). Roads in category 2, slated for closure, may be abandoned in their current condition except for the large culvert discussed previously and the road extending SE from that culvert.



ROAD MAINTENANCE

- Port Orford Water Source Area
- City of Port Orford
- Roads (ODF)
 - Paved
 - Surfaced
 - Unsurfaced
- Road Failure
- Streams
 - Large
 - Medium
 - Small



MANAGEMENT RECOMMENDATIONS

Forest Stewardship

The forests on Port Orford's ownership in the Hubbard Creek Watershed are generally healthy, diverse and growing well. The forests have developed structural complexity and have relatively high diversity when compared to actively managed forests in the region. Over time, these forests will continue to develop additional diversity and structural complexity.

Forest stewardship opportunities do exist in the form of commercial thinning on the Conservation Fund ownership. This area could be thinned using a low impact cut-to-length harvesting system within the next 10 years. A thinning of this area would remove 20-30% of the total stems, targeting smaller and suppressed trees for removal. A treatment of this type would break even or generate modest revenue. Target removal would be approximately 3,500 - 5,500 board feet per acre.

Any treatment must balance the forest health and fire risk reduction benefits against the high probability of increased Gorse in the forest. Additional discussions would need to take place prior to planning any thinning treatments. Similar harvest units visited in this area do show an increase in Gorse and the benefit of the thinning would likely be outweighed by the risk of Gorse.

No other areas are identified for forest stewardship or harvest activities in the next 10 years.

Section 4 - Private Landowners

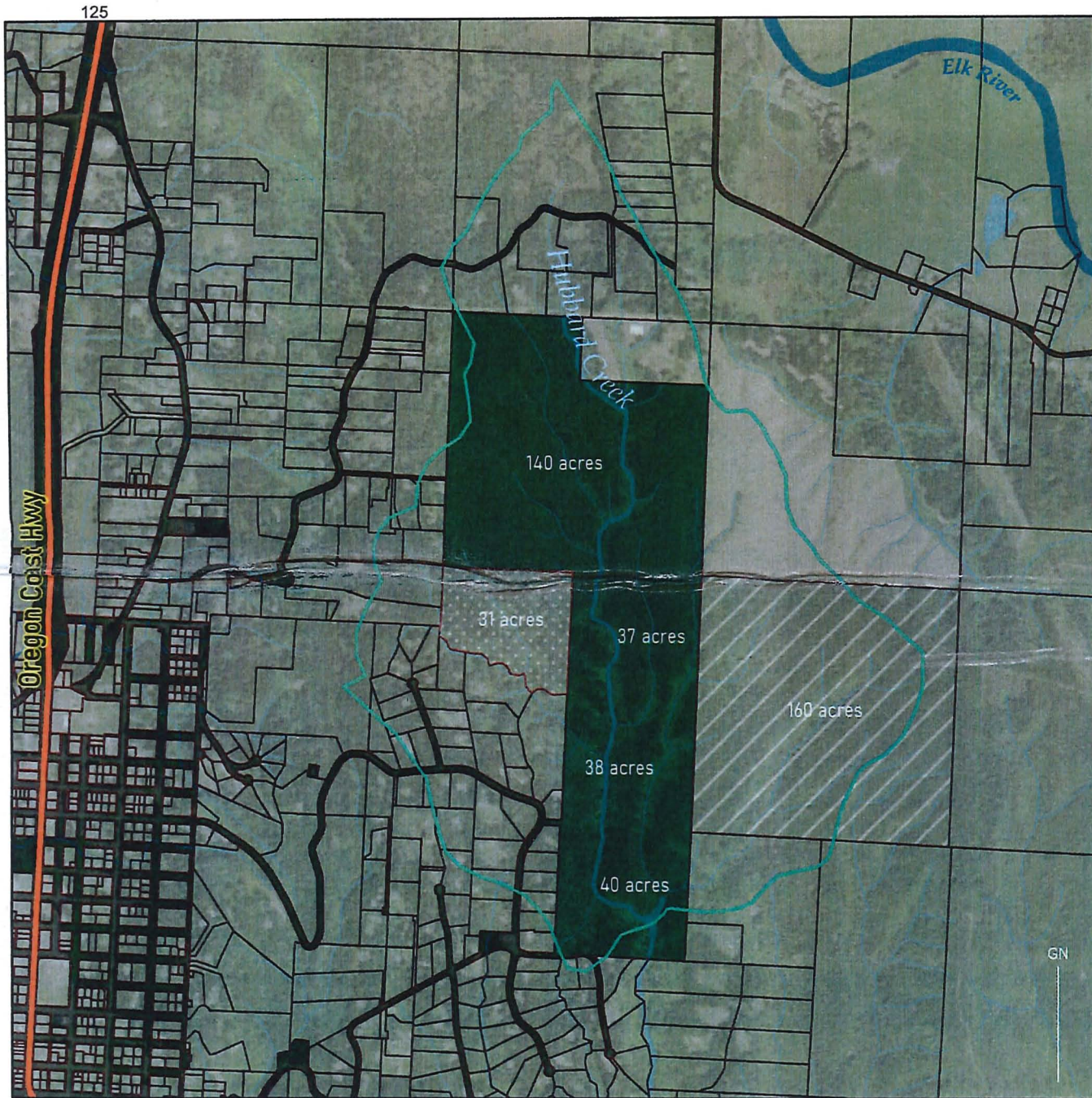


TOPIC AREAS

Port Orford's Hubbary Creek watershed includes 90 individual privately owned parcels. Many of these parcels include homes, driveways, lawns, gardens, outbuildings, wells and septic systems, among other developed uses. These developed properties have significant impacts on both forest composition and rainfall - runoff patterns in the watershed. While property development will have ongoing negative water quality implications, active steps can be taken by property owners to protect the watershed. These are described in the following section:

1. Retain Forested Areas - Manage for Old Forest
2. Limit Herbicide Use and Runoff
3. Maintain Driveways and Impervious Surfaces
4. Protect Against Wildfire - Don't Start Fires
5. Limit Additional Development

PRIVATE OWNERSHIP



Port Orford Water Source Area

Private Landowners

Owner Name

City of Port Orford

Mary Largess Lee

The Conservation Fund

Streams

Large

Medium

Small

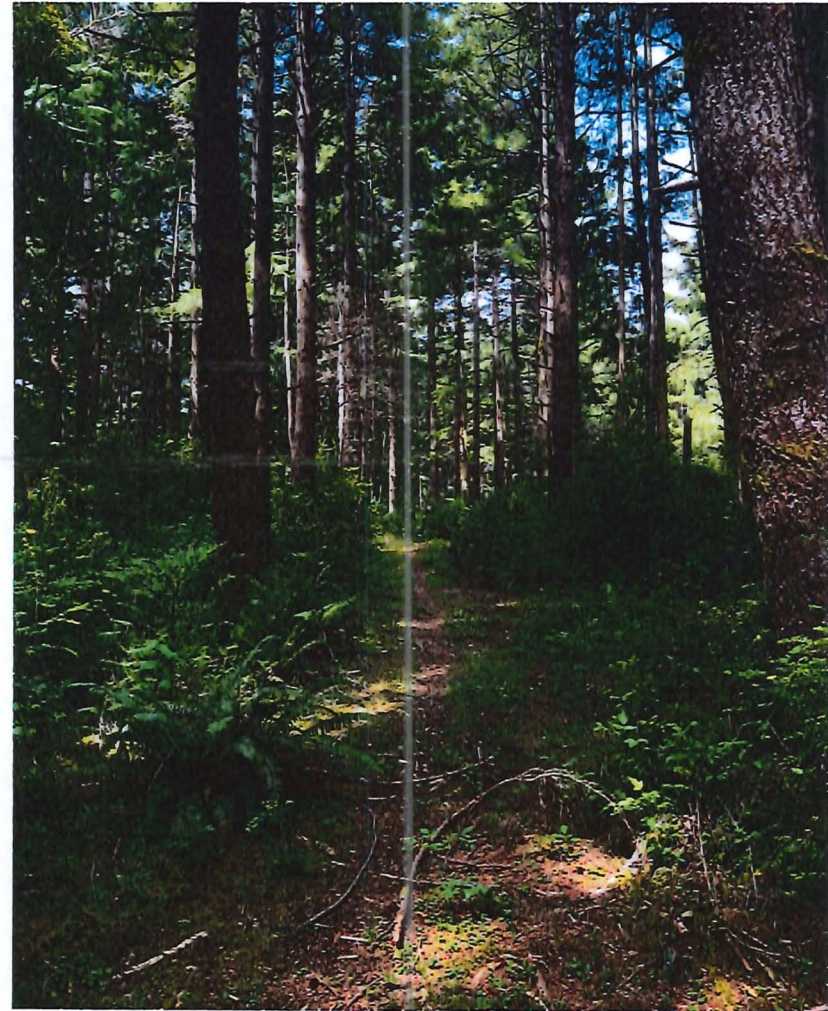


PRIVATE LANDOWNERSHIP

Retain Forested Areas – Manage for Old Forest

Forests in the Hubbard Creek Watershed generate both a natural filter, and a natural sponge. As a filter, the forest slows the runoff of water, allowing it to percolate through the soil. This filtering process decreases turbidity in the source water and helps to mitigate runoff of pesticide, fertilizer, or other potentially harmful substances. As a sponge, the forest soil stores moisture, decrease peak stream flow and increasing base flow. This is important for decreasing erosion in the winter and maintaining reliable quantities of source water in the summer.

Both functions, filtering and storing water, are enhanced with older and more complex forests. Private landowners in the watershed can manage for old forest by limiting harvest, thinning, and retaining an intact native plant understory. These actions have the added co-benefits of increasing climate resilience and mitigating climate change while also providing wildlife habitat.



PRIVATE LANDOWNERSHIP

Limit Herbicide Use and Runoff

Herbicide use in the drinking water source area presents the potential risk of source water contamination. If used properly, herbicide can also be an essential and relatively safe tool for fighting invasive plants, such as Gorse and Scotch broom.

Private landowners should carefully consider any herbicide treatment, use only appropriate herbicides for the necessary treatment, and limit use as much as possible. The Curry Soil and Water Conservation District has excellent resources for herbicide use, and is able to consult with landowners looking to fight invasives or keep areas clear with herbicide.

PRIVATE LANDOWNERSHIP

Maintain Driveways and Impervious Surfaces

Driveways and other impervious surfaces have the potential to concentrate water flow, mobilize fine sediments, and increase turbidity or other contamination of source water. To mitigate these risks, private landowners can take a few simple steps:

1. Maintain natural vegetation up to and fully surrounding any driveway or impervious surface.
2. Make sure that roads are surfaced with clean, 1.5" minus or similar crushed rock. Renew the road gravel on a regular basis.
3. Watch for any signs of erosion or incision, particularly in ditches or around culverts. If you see it, re-route the water away from the incised area and / or use strawbales to protect the soil.
4. If erosion continues, contact a skilled road contractor or forester to come up with a plan for the road or driveway.



A severely eroded driveway on private land on the Hubbard Creek Watershed.

PRIVATE LANDOWNERSHIP

Protect Against Wildfire - Don't Start Fires

Fire presents a significant risk to the Hubbard Creek Watershed. The most likely cause of wildfire is a careless human starting a fire in or around the watershed. While forest thinning and fuels reduction can help decrease the severity of fire in the watershed, the best approach is to limit ignition of fire. This relies on the thoughtfulness of neighboring private landowners. These few simple steps can help to decrease wildfire ignition risk.

1. If it's dry or windy, don't burn! Before doing any backyard burning, check with the Port Orford Fire Department, Oregon Department of Forestry, and/or the Coos Forest Protective Association for current burn restrictions.
2. If it has a flame or is smoking, it can start a fire! Be careful with anything that could start a fire, including barbeques, backyard fires, cigarettes, and target shooting.
3. Don't park in tall grass- the hot mufflers on cars, ATVs, and motorcycles can start a fire.
4. If you see smoke, call 911. Small fires caught quickly can be easy to put out - the bigger it is, the harder it will be to control.



A fire on private forestland within the Hubbard Creek Watershed.

PRIVATE LANDOWNERSHIP

Limit Additional Development

Forested landscapes provide excellent drinking water source areas thanks to their ability to filter and store water. By limiting development in the watershed, the Port Orford source water will be cleaner and more reliable.

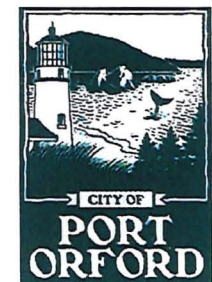
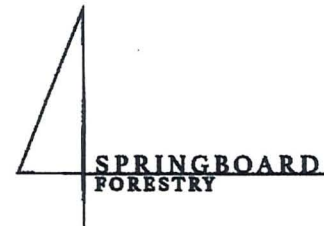
Future developments in the watershed should limit disturbance to native forest vegetation, minimize conversion to grass, and build well-drained, stable road and driveway systems. In addition, development increases the risk of damaging runoff and wildfire.



A potential development property in the Hubbard Creek Watershed.

DATA CONSULTED

1. Oregon Department of Geology and Mineral Industries. 2009. Lidar Data Quadrangle Series. Oregon Department of Geology and Mineral Industries, Portland, Oregon, Raster Digital Data, accessed August 2022. <http://www.oregongeology.org/sub/lidardataviewer/>
2. Oregon Department of Forestry. 2022. Statewide Streams FP. Oregon Department of Forestry, Salem, Oregon, Vector Digital Data, accessed August 2022. <https://www.oregon.gov/odf/aboutodf/Pages/mapsdata.aspx>
3. Oregon Department of Geology and Mineral Industries. 2021. Statewide Landslide Information Database for Oregon, release 4.4 (SLIDO-4.4). Oregon Department of Geology and Mineral Industries, Portland, Oregon, Vector Digital Data, accessed August 2022. <https://gis.dogami.oregon.gov/maps/slido/>
4. Oregon Department of Forestry. 2022. ODF Statewide Roads. Oregon Department of Forestry, REST API, Vector Digital Data, accessed August 2022. <https://oregon-department-of-forestry-geo.hub.arcgis.com/>



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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 1/19/2023

SUBJECT: BRIC Application

ITEM NO: 7b.

The Bric Application was submitted to the state on Friday the 13th. We anticipate to hear back between 12-18 months.

Thank you to the following:

Ann- For working on the wetlands portions, and picture breakout by priority! That was not an easy task!

Guy, Zan, Greg, and Michelle for braving the weather and sometimes people to take pictures!

Clark, Summer, Zan, Diana and Ann for the proof reading! After reading it so many times I was going crossed eyed!

Marlin for helping us complete the very big task by working on the numbers and I know more about engineering than I ever thought I would!

Monica- For the late nights, no lunches, long conference calls and all the assistance in writing this and wrapping it up in a bow!

Attached are the Budget worksheets that were attached to the final grant. If you would like copies of everything please reach out to Keely at kperry@portorford.org and we will get you full copies.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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Building Resilient Infrastructure & Communities (BRIC)		
Application Summary		
Phase 1 & 2 City of Port Orford Water Infrastructure Upgrades		Preliminary
Engineering Cost Estimate		
	Environmental, Engineering & Construction	Administration
Pre-Award - Priority 1 Projects -	\$ 1,954,501	\$ -
Priority 1 Projects -	\$ 9,510,108	\$ 380,404
Priority 2 Projects -	\$ 9,652,059	\$ 319,199.43
Priority 3 Projects -	\$ 26,509,851	\$ 1,228,839.00
Total Estimated Cost:	\$ 47,626,519	\$ 1,928,443

Pre-Award - Priority 1 Projects	
Engineering & Design Costs	\$ 1,954,501
Contingency Costs @25%	\$ -
Administration Costs	\$ -
Construction Costs	\$ -
	\$ 1,954,501

Priority 1 Projects	
Engineering Costs	\$ -
Contingency Costs @25%	\$ 1,961,189
Administration Costs	\$ 392,238
Environment Review	\$ -
Geotechnical Engineering	\$ -
Construction Costs	\$ 7,844,755
	\$ 10,198,182

Title	Total Pipeline length	Unit
P1P1	17,335	LF
P1P2	15,670	LF
P2P3	84,024	LF
Total:	117,029	LF

Assume 20 average ground disturbance on pipeline work.

Total Disturbed Project Area: 2,340,580 SQFT

Priority 2 Projects

Engineering	\$	1,269,025
Contingency @25%	\$	1,586,281
Environmental Review	\$	374,231
Administration	\$	319,199
Geotechnical Engineering	\$	38,533
Construction	\$	6,383,989
	\$	9,971,259

Priority 3 Projects

Engineering	\$	3,552,381
Contingency @25%	\$	4,440,477
Environmental Review	\$	748,462
Administration	\$	1,228,839
Construction	\$	17,761,906
Permitting	\$	6,625
	\$	27,738,690

Budget Line Sub Totals

Engineering	13.67%	\$	6,775,907
Contingency @25%	16.12%	\$	7,987,947
Environmental Review	2.27%	\$	1,122,693
Administration	3.92%	\$	1,940,276
Geotechnical Engineering	0.08%	\$	38,533
Construction	64.56%	\$	31,990,650
Permitting	0.01%	\$	6,625

Pre-Award - Priority 1 Projects							
City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate							
Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014 (Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)							
Environmental, Engineering for Design & Construction Water Meter Replacement Project Cost: \$							47,334
Administration Project Cost: \$							-
Water Meter Replacement							
Item	Description	Unit	Quantity	Unit Price	Total		
1	Metering	LS	1	\$0	\$		-
	Total Construction Cost				\$		-
	Engineering				\$		47,334
	Contingency				\$		-
	Administration				\$		-
	Total Project Cost				\$		47,334

Pre-Award - Priority 1 Projects							
City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate							
Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014 (Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)							
Environmental, Engineering Design Phase 1 - Priority 1 Project Cost: \$							1,907,167
Administration Phase 1 - Priority 1 Project Cost: \$							-
Engineering and Design Priority 1 Projects							
Item	Description	Quantity	Unit Price	Total			
1	Water Treatment Plant Engineering/Design	1	\$ 213,166	\$			213,166
	Environmental Review	1	\$ 40,825	\$			40,825

2	Lakeshore(a) Engineering/Design	1	\$	112,737	\$	112,737
	Environmental Review	1	\$	34,021	\$	34,021
3	Hamlet Engineering/Design	1	\$	157,355	\$	157,355
	Environmental Review	1	\$	34,021	\$	34,021
4	Lakeshore(b) Engineering/Design	1	\$	65,520	\$	65,520
	Environmental Review	1	\$	34,021	\$	34,021
5	Wyoming/12th/Arizona/13th Engineering/Design	1	\$	152,981	\$	152,981
	Environmental Review	1	\$	34,021	\$	34,021
6	Jackson St. Engineering/Design	1	\$	103,596	\$	103,596
	Environmental Review	1	\$	34,021	\$	34,021
7	9th St. Engineering/Design	1	\$	152,034	\$	152,034
	Environmental Review	1	\$	34,021	\$	34,021
8	7th St. Engineering/Design	1	\$	57,297	\$	57,297
	Environmental Review	1	\$	34,021	\$	34,021
9	Pinehurst Engineering/Design	1	\$	54,471	\$	54,471
	Environmental Review	1	\$	34,021	\$	34,021
10	Deady St. Reservoir Engineering/Design	1	\$	452,460	\$	452,460
	Geotechnical Engineering	1	\$	38,533	\$	38,533
	Environmental Review	1	\$	34,021	\$	34,021
	Total Engineering / Design Cost				\$	1,907,167
	Administration				\$	-
	Total Project Cost				\$	1,907,167

Pre-Award - Priority 1 Projects						
City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate						
Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014 (Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)						
Environmental, Engineering for Design & Construction Water Meter Replacement Project Cost:						\$ 307,669
Administration Project Cost:						\$ 11,833
Water Meter Replacement						
Item	Description	Unit	Quantity	Unit Price		Total
1	Metering	LS	1	\$236,669	\$	236,669
	Total Construction Cost				\$	236,669
	Engineering				\$	-
	Contingency				\$	59,167
	Administration				\$	11,833
	Total Project Cost				\$	307,669

Priority 1 Projects						
City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate						
Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014 (Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)						
Construction Phase 1 - Priority 1 Project Cost:						\$ 9,510,108
Administration Phase 1 - Priority 1 Project Cost:						\$ 380,404
Water Treatment Plant						
Item	Description	Unit	Quantity	Unit Price		Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 100,430	\$	100,430
2	Demolition	LS	1	\$ 16,738	\$	16,738
3	Floor Slab Settlement Correction (filter bay)	LS	1	\$ 16,330	\$	16,330

4	Filter media replacement/cleaning/ maintenance	LS	1	\$	489,905	\$	489,905
5	Air scour system	LS	1	\$	163,302	\$	163,302
6	Pump Room Equipment	LS	1	\$	110,000	\$	110,000
7	Chlorine Room Equipment	LS	1	\$	91,125	\$	91,125
8	Chemical Room Equipment	LS	1	\$	78,000	\$	78,000
	Total Construction Cost					\$	1,065,830
	Engineering					\$	-
	Contingency					\$	266,458
	Environmental Review					\$	-
	Administration					\$	53,292
	Total Project Cost					\$	1,385,579

Lakeshore (a) - Replace unknown" with 6" , from end, east to Hamlet

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 70,663	\$ 70,663
2	Waterline Demolition & Abandonment	LS	1	\$ 11,777	\$ 11,777
3	Site Preparation	LS	1	\$ 4,711	\$ 4,711
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing - 3" Depth	LF	300	\$ 22	\$ 6,600
6	AC Pavement Trench R & R - Non-Hwy	LF	1600	\$ 53	\$ 85,054
7	6-inch Waterline, Class C Backfill	LF	1550	\$ 127	\$ 197,244
8	2" Connections	EA	1	\$ 4,727	\$ 4,727
9	1" Service Line - Class B, C, or Direct Place	LF	925	\$ 45	\$ 41,625
10	1" Service Connections	EA	38	\$ 2,946	\$ 111,952
11	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
12	6" 45 ° Elbows	EA	2	\$ 682	\$ 1,363
13	6" 22 1/2 ° Elbows	EA	7	\$ 612	\$ 4,287
14	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
15	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
16	Landscaping	LS	1	\$ 4,710	\$ 4,710
17	Traffic Control	LS	1	\$ 5,443	\$ 5,443
	Total Construction Cost				\$ 563,685
	Engineering				\$ -
	Contingency				\$ 140,921

Environmental Review	\$	-
Administration	\$	28,184
Total Project Cost	\$	732,790

Hamlet - Replace 4" with 6", from Lakeshore, south to Calif., south to Wyo., east to Lakeshore Dr, east to Arizona

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 99,178	\$ 99,178
2	Waterline Demolition & Abandonment	LS	1	\$ 16,530	\$ 16,530
3	Site Preparation	LS	1	\$ 6,612	\$ 6,612
4	Foundation Stabilization	CY	75	\$ 68	\$ 5,103
5	Gravel Surfacing - 3" Depth	LF	300	\$ 22	\$ 6,600
6	AC Pavement Trench R & R - Non-Hwy	LF	3000	\$ 53	\$ 159,477
8	6-inch Waterline, Class C Backfill	LF	2500	\$ 127	\$ 318,136
9	1" Service Line - Class B, C, or Direct Place	LF	800	\$ 45	\$ 36,000
10	1" Service Connections	EA	32	\$ 2,946	\$ 94,275
11	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
12	6" 45 ° Elbows	EA	1	\$ 682	\$ 682
13	6" 22 1/2 ° Elbows	EA	8	\$ 612	\$ 4,899
14	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
15	New Fire Hydrant & Connection	EA	4	\$ 6,427	\$ 25,708
16	Landscaping	LS	1	\$ 6,611	\$ 6,611
17	Traffic Control	LS	1	\$ 3,266	\$ 3,266
	Total Construction Cost			\$	786,776
	Engineering			\$	-
	Contingency			\$	196,694
	Environmental Review			\$	-
	Administration			\$	39,339
	Total Project Cost			\$	1,022,808

Lakeshore (b) - Replace 4" with 6", from Lakeshore/Pinehurst, southeast to Hamlet

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 40,796	\$ 40,796
2	Waterline Demolition & Abandonment	LS	1	\$ 8,846	\$ 8,846
3	Site Preparation	LS	1	\$ 2,720	\$ 2,720
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701

5	Gravel Surfacing	LF	250	\$	22	\$	5,500	
6	AC Pavement Trench R & R - Non-Hwy	LF	1400	\$	53	\$	74,423	
7	6-inch Waterline, Class C Backfill	LF	1260	\$	127	\$	160,340	
8	2" Connections	EA	1	\$	4,727	\$	4,727	
9	1" Service Line - Class B, C, or Direct Place	LF	60	\$	45	\$	2,700	
10	1" Service Connections	EA	2	\$	2,946	\$	5,892	
11	6" Gate Valves	EA	2	\$	1,203	\$	2,406	
12	6" 45° Elbows	EA	2	\$	682	\$	1,363	
13	6" 22 1/2° Elbows	EA	3	\$	612	\$	1,837	
14	6" Miscellaneous Fittings	EA	3	\$	646	\$	1,939	
15	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427	
16	Landscaping	LS	1	\$	2,719	\$	2,719	
17	Traffic Control	LS	1	\$	3,266	\$	3,266	
Total Construction Cost							\$	327,602
Engineering							\$	-
Contingency							\$	81,901
Environmental Review							\$	-
Administration							\$	16,380
Total Project Cost							\$	425,883

Wyoming/12th/Arizona/13th - Replace 6" with 6", from Hamlet, south to 12th St, east to Arizona, north to 13th, east to Oregon

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 95,795	\$ 95,795
2	Waterline Demolition & Abandonment	LS	1	\$ 20,004	\$ 20,004
3	Site Preparation	LS	1	\$ 6,386	\$ 6,386
4	Foundation Stabilization	CY	15	\$ 68	\$ 1,021
5	Gravel Surfacing - 3" Depth	LF	300	\$ 22	\$ 6,600
6	AC Pavement Trench R & R - Non-Hwy	LF	3000	\$ 53	\$ 159,477
8	6-inch Waterline, Class C Backfill	LF	2860	\$ 127	\$ 363,947
10	2" Connections	EA	5	\$ 4,727	\$ 23,633
11	2" Service Line - Class B, C, or Direct Place	LF	100	\$ 99	\$ 9,945
12	1" Service Line - Class B, C, or Direct Place	LF	50	\$ 54	\$ 2,722
13	1" Service Line - Class B, C, or Direct Place	LF	175	\$ 45	\$ 7,875
14	1" Service Connections	EA	7	\$ 2,946	\$ 20,623
15	6" Gate Valves	EA	4	\$ 1,203	\$ 4,812
16	6" 45° Elbows	EA	2	\$ 682	\$ 1,363

17	6" Miscellaneous Fittings	EA	7	\$	646	\$	4,525
18	New Fire Hydrant & Connection	EA	4	\$	6,427	\$	25,708
19	Landscaping	LS	1	\$	6,386	\$	6,386
20	Traffic Control	LS	1	\$	4,083	\$	4,083
	Total Construction Cost					\$	764,905
	Engineering					\$	-
	Contingency					\$	191,226
	Environmental Review					\$	-
	Administration					\$	38,245
	Total Project Cost					\$	994,376

Jackson St. - Replace 6" with 6", from 25th St., south to 18th St.

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 64,422	\$ 64,422
2	Waterline Demolition & Abandonment	LS	1	\$ 10,737	\$ 10,737
3	Site Preparation	LS	1	\$ 4,295	\$ 4,295
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing	LF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	2000	\$ 53	\$ 106,318
7	6-inch Waterline, Class C Backfill	LF	1960	\$ 127	\$ 249,419
8	2" Connections	EA	2	\$ 4,727	\$ 9,453
9	2" Service Line - Class B, C, or Direct Place	LF	50	\$ 99	\$ 4,973
10	1" Service Line - Class B, C, or Direct Place	EA	400	\$ 45	\$ 18,000
11	1" Service Connections	LF	8	\$ 2,946	\$ 23,569
12	6" Gate Valves	EA	3	\$ 1,203	\$ 3,609
13	6" 45 ° Elbows	EA	2	\$ 682	\$ 1,363
14	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
15	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
16	Landscaping	LS	1	\$ 4,343	\$ 4,343
17	Traffic Control	LS	1	\$ 4,156	\$ 4,156
	Total Construction Cost				\$ 517,978
	Engineering				\$ -
	Contingency				\$ 129,495
	Environmental Review				\$ -

Administration	\$	25,899
Total Project Cost	\$	673,372

9th St. - Replace 6" with 6", from Arizona, east to Jackson

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 95,432	\$ 95,432
2	Waterline Demolition & Abandonment	LS	1	\$ 15,905	\$ 15,905
3	Site Preparation	LS	1	\$ 6,362	\$ 6,362
4	Foundation Stabilization	CY	100	\$ 68	\$ 6,804
5	Gravel Surfacing	LF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	20	\$ 53	\$ 1,063
7	AC Pavement Trench R & R - Hwy	LF	1800	\$ 106	\$ 191,373
8	Thermoplastic Markings - Stop bar	LF	20	\$ 57	\$ 1,134
9	6-inch Waterline, Class C Backfill	LF	1670	\$ 127	\$ 212,515
11	Highway Crossing - 6" Waterline	LF	110	\$ 524	\$ 57,632
12	2" Connections	EA	4	\$ 4,727	\$ 18,906
13	2" Service Line - Class B, C, or Direct Place	LF	150	\$ 99	\$ 14,918
14	1" Service Line - Class B, C, or Direct Place	LF	600	\$ 45	\$ 27,000
15	1" Service Connections	EA	24	\$ 2,946	\$ 70,706
16	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
17	6" 45° Elbows	EA	2	\$ 682	\$ 1,363
18	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
19	Pressure Relief Valves	EA	4	\$ 3,527	\$ 14,109
20	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
22	Landscaping	LS	1	\$ 6,361	\$ 6,361
23	Traffic Control	LS	1	\$ 6,260	\$ 6,260
	Total Construction Cost			\$	\$ 760,169
	Engineering			\$	-
	Contingency			\$	\$ 190,042
	Environmental Review			\$	-
	Administration			\$	\$ 38,008
	Total Project Cost			\$	\$ 988,219

7th St. - Replace 6" with 6", from Coast Guard Rd, east across a wooded draw to 7th St., east to Oregon St.

Item	Description	Unit	Quantity	Unit Price	Total
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1	Const. Facilities & Temporary Controls	LS	1	\$	34,770	\$	34,770
2	Waterline Demolition & Abandonment	LS	1	\$	5,795	\$	5,795
3	Site Preparation	LS	1	\$	8,846	\$	8,846
4	Foundation Stabilization	CY	150	\$	68	\$	10,206
5	Gravel Surfacing	LF	5000	\$	22	\$	110,000
6	AC Pavement Trench R & R - Non-Hwy	LF	15	\$	53	\$	797
7	6-inch Waterline, Class C Backfill	LF	140	\$	127	\$	17,816
8	6-inch Waterline, Class B Backfill	LF	880	\$	66	\$	58,377
9	6" Gate Valves	EA	2	\$	1,203	\$	2,406
10	6" 45 ° Elbows	EA	2	\$	682	\$	1,363
11	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
12	New Fire Hydrant & Connection	EA	2	\$	6,427	\$	12,854
13	Concrete Slope Anchor	EA	2	\$	1,334	\$	2,668
14	Landscaping	LS	1	\$	14,017	\$	14,017
15	Traffic Control	LS	1	\$	5,276	\$	5,276
Total Construction Cost						\$	286,484
Engineering						\$	-
Contingency						\$	71,621
Environmental Review						\$	-
Administration						\$	14,324
Total Project Cost						\$	372,429

Pinehurst - Replace 6" with 6" , from Arizona St., east to Oregon St./Hwy 101

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 32,753	\$ 32,753
2	Waterline Demolition & Abandonment	LS	1	\$ 5,459	\$ 5,459
3	Site Preparation	LS	1	\$ 2,184	\$ 2,184
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing	LF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	800	\$ 53	\$ 42,527
7	AC Pavement Trench R & R - Hwy	LF	20	\$ 106	\$ 2,126
8	Thermoplastic Markings - Stop bar	LF	10	\$ 57	\$ 567
10	6-inch Waterline, Class C Backfill	LF	820	\$ 127	\$ 104,349
11	2" Connections	EA	1	\$ 4,727	\$ 4,727
12	1" Service Line - Class B, C, or Direct Place	LF	275	\$ 45	\$ 12,375

13	1" Service Connections	EA	11	\$	2,946	\$	32,407	
14	6" Gate Valves	EA	2	\$	1,203	\$	2,406	
15	6" 45 ° Elbows	EA	2	\$	682	\$	1,363	
16	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293	
17	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427	
18	Landscaping	LS	1	\$	2,183	\$	2,183	
19	Traffic Control	LS	1	\$	13,608	\$	13,608	
Total Construction Cost							\$	272,355
Engineering							\$	-
Contingency							\$	68,089
Environmental Review							\$	-
Administration							\$	13,618
Total Project Cost							\$	354,062

Deady Street Reservoir

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$ 277,176	\$ 277,176	
2	Demolition	LS	1	\$ 46,196	\$ 46,196	
3	Site Preparation	LS	1	\$ 91,090	\$ 91,090	
4	1 Million Glass Fused to Steel Bolted Tank	LS	1	\$ 1,440,918	\$ 1,440,918	
5	Interior Baffling	LS	1	\$ 60,359	\$ 60,359	
6	Earthwork, Grading	LS	1	\$ 91,776	\$ 91,776	
7	Site Piping	LS	1	\$ 79,364	\$ 79,364	
8	Level Transducer and Telemetry Panel	LS	1	\$ 19,596	\$ 19,596	
9	Site Improvements, Fencing, Parking, Roadway	LS	1	\$ 155,827	\$ 155,827	
Total Construction Cost					\$	2,262,302
Engineering					\$	-
Geotechnical Engineering					\$	-
Contingency					\$	565,576
Environmental Review					\$	-
Administration					\$	113,115
Total Project Cost					\$	2,940,993

Priority 2 Projects

City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate

Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014
(Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)

Environmental, Engineering for Design & Construction Phase 1 - Priority 2 Project Cost: \$ 9,652,059

Administration Phase 1 - Priority 2 Project Cost: \$ 319,199

Coast Guard Hill - Replace 6" with 8" , from end, east to Sweet Way

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 131,702	\$ 131,702
2	Waterline Demolition & Abandonment	LS	1	\$ 21,950	\$ 21,950
3	Site Preparation	LS	1	\$ 8,780	\$ 8,780
4	Foundation Stabilization	CY	150	\$ 68	\$ 10,206
5	Gravel Surfacing - 3" Depth	SF	300	\$ 22	\$ 6,600
6	AC Pavement Trench R & R - Non-Hwy	LF	3950	\$ 53	\$ 209,978
7	8-inch Waterline, Class C Backfill	LF	3900	\$ 111	\$ 432,900
8	1" Service Line - Class B, C, or Direct Place	LF	300	\$ 45	\$ 13,500
9	1" Service Connections	EA	12	\$ 2,946	\$ 35,353
10	8" Gate Valves	EA	3	\$ 1,682	\$ 5,046
11	8" 90° Elbows	EA	1	\$ 748	\$ 748
12	8" 45° Elbows	EA	2	\$ 680	\$ 1,361
13	8" 22 1/2° Elbows	EA	5	\$ 612	\$ 3,062
14	8" Miscellaneous Fittings	EA	2	\$ 690	\$ 1,380
15	New Fire Hydrant & Connection	EA	2	\$ 6,427	\$ 12,854
16	Pump Station	EA	1	\$ 130,642	\$ 130,642
17	Pressure Reducing Valves	EA	12	\$ 218	\$ 2,613
18	Combination Air Release Valve	EA	1	\$ 2,994	\$ 2,994
19	Landscaping	LS	1	\$ 8,779	\$ 8,779
20	Traffic Control	LS	1	\$ 5,443	\$ 5,443
	Total Construction Cost			\$	\$ 1,045,893

Engineering	\$	209,179
Contingency	\$	261,473
Environmental Review	\$	34,021
Administration	\$	52,295
Total Project Cost	\$	1,602,860

Deady Street North - Replace 2" with 8", from 9th, north to end

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 55,094	\$ 55,094
2	Waterline Demolition & Abandonment	LS	1	\$ 9,182	\$ 9,182
3	Site Preparation	LS	1	\$ 3,673	\$ 3,673
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701
5	Gravel Surfacing	SF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	1000	\$ 53	\$ 53,159
7	8-inch Waterline, Class C Backfill	LF	1000	\$ 111	\$ 111,000
9	1" Service Line - Class B, C, or Direct Place	LF	300	\$ 45	\$ 13,500
10	1" Service Connections	EA	10	\$ 2,946	\$ 29,461
11	8" Gate Valves	EA	2	\$ 1,682	\$ 3,364
12	8" 45° Elbows	EA	2	\$ 1,021	\$ 2,041
13	8" 22 1/2° Elbows	EA	4	\$ 919	\$ 3,674
14	8" Miscellaneous Fittings	EA	2	\$ 953	\$ 1,905
15	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
16	Pump Station	EA	1	\$ 130,642	\$ 130,642
17	Pressure Reducing Valves	EA	10	\$ 218	\$ 2,177
18	Standard Blowoff Assembly	EA	1	\$ 2,371	\$ 2,371
19	Landscaping	LS	1	\$ 3,673	\$ 3,673
20	Traffic Control	LS	1	\$ 4,789	\$ 4,789
	Total Construction Cost				\$ 440,034
	Engineering			\$	80,234
	Contingency			\$	100,293
	Environmental Review			\$	34,021
	Administration			\$	22,002
	Total Project Cost			\$	676,584

Deady Street South - Replace 6" with 10", from 9th, south to 6th

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 34,883	\$ 34,883
2	Waterline Demolition & Abandonment	LS	1	\$ 5,814	\$ 5,814
3	Site Preparation	LS	1	\$ 2,326	\$ 2,326
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing - 3" Depth	SF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	750	\$ 53	\$ 39,869
8	10-inch Waterline, Class C Backfill	LF	700	\$ 199	\$ 139,631
9	1" Service Line - Class B, C, or Direct Place	LF	200	\$ 45	\$ 9,000
10	1" Service Connections	EA	8	\$ 2,946	\$ 23,569
11	10" Gate Valves	EA	1	\$ 2,286	\$ 2,286
12	10" 45 ° Elbows	EA	2	\$ 1,191	\$ 2,381
14	10" Miscellaneous Fittings	EA	2	\$ 736	\$ 1,472
15	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
16	Landscaping	LS	1	\$ 2,313	\$ 2,313
17	Traffic Control	LS	1	\$ 2,177	\$ 2,177
Total Construction Cost					\$ 277,749
Engineering					\$ 55,550
Contingency					\$ 69,437
Environmental Review					\$ 34,021
Administration					\$ 13,887
Total Project Cost					\$ 450,645

6th/Jefferson/7th Street - Replace 6" with 8", from Hamlet, south to 12th St, east to Arizona, north to 13th, east to Oregon

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 49,347	\$ 49,347
2	Waterline Demolition & Abandonment	LS	1	\$ 11,839	\$ 11,839
3	Site Preparation	LS	1	\$ 3,290	\$ 3,290
4	Foundation Stabilization	CY	15	\$ 68	\$ 1,021
5	Gravel Surfacing - 3" Depth	SF	300	\$ 22	\$ 6,600

6	AC Pavement Trench R & R - Non-Hwy	LF	1050	\$	53	\$	55,817
7	AC Pavement Trench R & R - Hwy	LF	375	\$	106	\$	39,869
8	8-inch Waterline, Class C Backfill	LF	1400	\$	111	\$	155,400
9	2" Connections	EA	5	\$	4,727	\$	23,633
10	2" Service Line - Class B, C, or Direct Place	LF	100	\$	99	\$	9,945
11	1" Service Line - Class B, C, or Direct Place	LF	60	\$	45	\$	2,700
13	1" Service Connections	EA	3	\$	2,946	\$	8,838
14	8" Gate Valves	EA	4	\$	1,682	\$	6,728
15	8" 45° Elbows	EA	2	\$	1,021	\$	2,041
16	8" Miscellaneous Fittings	EA	7	\$	953	\$	6,668
17	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427
18	Landscaping	LS	1	\$	3,289	\$	3,289
19	Traffic Control	LS	1	\$	6,804	\$	6,804
	Total Construction Cost					\$	400,257
	Engineering					\$	80,051
	Contingency					\$	100,064
	Environmental Review					\$	34,021
	Administration					\$	20,013
	Total Project Cost					\$	634,406

Jefferson Street P.S - Replace existing pump station

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 27,761	\$ 27,761
2	Waterline Demolition & Abandonment	LS	1	\$ 15,378	\$ 15,378
3	Gravel Surfacing	SF	100	\$ 22	\$ 2,200
4	6-inch Waterline, Class C Backfill	LF	25	\$ 127	\$ 3,181
5	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
6	6" 45° Elbows	EA	2	\$ 748	\$ 1,497
7	6" Miscellaneous Fittings	EA	2	\$ 714	\$ 1,429
8	Pump Station	LS	1	\$ 95,259	\$ 95,259
9	Landscaping	LS	1	\$ 1,696	\$ 1,696
	Total Construction Cost				\$ 150,807

Engineering	\$	30,161
Contingency	\$	37,702
Environmental Review	\$	34,021
Administration	\$	7,540
Total Project Cost	\$	260,232

Dock Road - Replace 4" with 8", 5th to end

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 54,993	\$ 54,993
2	Waterline Demolition & Abandonment	LS	1	\$ 9,166	\$ 9,166
3	Site Preparation	LS	1	\$ 3,666	\$ 3,666
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing	SF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	1850	\$ 53	\$ 98,344
7	8-inch Waterline, Class C Backfill	LF	1800	\$ 111	\$ 199,800
8	2" Connections	EA	5	\$ 4,727	\$ 23,633
9	2" Service Line - Class B, C, or Direct Place	LF	150	\$ 99	\$ 14,918
10	1" Service Line - Class B, C, or Direct Place	LF	20	\$ 45	\$ 900
11	1" Service Connections	EA	1	\$ 2,946	\$ 2,946
12	8" Gate Valves	EA	2	\$ 1,682	\$ 3,364
13	8" 45 ° Elbows	EA	2	\$ 1,021	\$ 2,041
14	8" Miscellaneous Fittings	EA	2	\$ 953	\$ 1,905
15	Residential Pressure Relief Valves	EA	1	\$ 218	\$ 218
16	Commercial Pressure Relief Valves	EA	7	\$ 408	\$ 2,858
17	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
18	Landscaping	LS	1	\$ 3,666	\$ 3,666
19	Traffic Control	LS	1	\$ 5,443	\$ 5,443
	Total Construction Cost			\$	\$ 439,891
	Engineering			\$	\$ 87,978
	Contingency			\$	\$ 109,973
	Environmental Review			\$	\$ 34,021
	Administration			\$	\$ 21,995

Total Project Cost **\$ 693,857**

King Street - Replace 2" with 6", from Coast Guard Rd, along King

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 40,863	\$ 40,863
2	Waterline Demolition & Abandonment	LS	1	\$ 6,811	\$ 6,811
3	Site Preparation	LS	1	\$ 7,757	\$ 7,757
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701
5	Gravel Surfacing	SF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	1100	\$ 53	\$ 58,475
7	6-inch Waterline, Class C Backfill	LF	1060	\$ 127	\$ 134,890
8	1" Service Line - Class B, C, or Direct Place	LF	250	\$ 45	\$ 11,250
9	1" Service Connections	EA	8	\$ 2,946	\$ 23,569
10	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
11	6" 45° Elbows	EA	2	\$ 682	\$ 1,363
12	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
13	New Fire Hydrant & Connection	EA	2	\$ 6,427	\$ 12,854
14	Concrete Slope Anchor	EA	2	\$ 1,334	\$ 2,668
15	Pressure Reducing Valve	EA	10	\$ 218	\$ 2,177
16	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
17	Landscaping	LS	1	\$ 12,248	\$ 12,248
18	Traffic Control	LS	1	\$ 3,285	\$ 3,285
Total Construction Cost					\$ 331,136
Engineering					\$ 66,227
Contingency					\$ 82,784
Environmental Review					\$ 34,021
Administration					\$ 16,557
Total Project Cost					\$ 530,725

Idaho Street - Replace 2" with 4", from 14th to 18th

Item	Description	Unit	Quantity	Unit Price	Total
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1	Const. Facilities & Temporary Controls	LS	1	\$	37,786	\$	37,786
2	Waterline Demolition & Abandonment	LS	1	\$	6,298	\$	6,298
3	Site Preparation	LS	1	\$	2,519	\$	2,519
4	Foundation Stabilization	CY	50	\$	68	\$	3,402
5	Gravel Surfacing	SF	100	\$	22	\$	2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	1175	\$	53	\$	62,462
7	4-inch Waterline, Class C Backfill	LF	1150	\$	112	\$	129,126
8	2" Connections	EA	1	\$	4,727	\$	4,727
9	2" Service Line - Class B, C, or Direct Place	LF	20	\$	99	\$	1,989
10	1" Service Line - Class B, C, or Direct Place	LF	200	\$	45	\$	9,000
11	1" Service Connections	EA	9	\$	2,946	\$	26,515
12	4" Gate Valves	EA	2	\$	935	\$	1,869
13	4" 45 ° Elbows	EA	2	\$	429	\$	858
14	4" Miscellaneous Fittings	EA	2	\$	408	\$	817
15	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427
16	Landscaping	LS	1	\$	2,519	\$	2,519
17	Traffic Control	LS	1	\$	2,722	\$	2,722
	Total Construction Cost					\$	301,234
	Engineering					\$	60,247
	Contingency					\$	75,309
	Environmental Review					\$	34,021
	Administration					\$	15,062
	Total Project Cost					\$	485,873

20th Street- Replace 4" with 6" , from Jackson to Tichenor

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 59,013	\$ 59,013
2	Waterline Demolition & Abandonment	LS	1	\$ 9,836	\$ 9,836
3	Site Preparation	LS	1	\$ 3,934	\$ 3,934
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing	SF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	1650	\$ 53	\$ 87,712
7	6-inch Waterline, Class C Backfill	LF	1600	\$ 127	\$ 203,607

8	2" Connections	EA	2	\$	4,727	\$	9,453	
9	2" Service Line - Class B, C, or Direct Place	LF	60	\$	99	\$	5,967	
10	1" Service Line - Class B, C, or Direct Place	LF	200	\$	45	\$	9,000	
11	1" Service Connections	EA	19	\$	2,946	\$	55,976	
12	6" Gate Valves	EA	2	\$	1,203	\$	2,406	
13	6" 45 ° Elbows	EA	2	\$	682	\$	1,363	
14	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293	
15	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427	
16	Landscaping	LS	1	\$	5,716	\$	5,716	
17	Traffic Control	LS	1	\$	2,722	\$	2,722	
Total Construction Cost							\$	468,927
Engineering							\$	93,785
Contingency							\$	117,232
Environmental Review							\$	34,021
Administration							\$	23,446
Total Project Cost							\$	737,412

Beacon Hill/Flake Street- Replace 2" & 4" with 4" & 6", on Beacon Hill and Flake

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 33,296	\$ 33,296
2	Waterline Demolition & Abandonment	LS	1	\$ 5,549	\$ 5,549
3	Site Preparation	LS	1	\$ 2,220	\$ 2,220
4	Foundation Stabilization	CY	50	\$ 68	\$ 3,402
5	Gravel Surfacing	SF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	900	\$ 53	\$ 47,843
7	6-inch Waterline, Class C Backfill	LF	350	\$ 127	\$ 44,539
8	4-inch Waterline, Class C Backfill	LF	525	\$ 112	\$ 58,949
9	1" Service Line - Class B, C, or Direct Place	LF	300	\$ 45	\$ 13,500
10	1" Service Connections	EA	12	\$ 2,946	\$ 35,353
11	6" Gate Valves	EA	1	\$ 1,203	\$ 1,203
12	4" Gate Valves	EA	1	\$ 935	\$ 935
13	6" 45 ° Elbows	EA	1	\$ 682	\$ 682
14	4" 45 ° Elbows	EA	1	\$ 429	\$ 429

15	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293	
16	4" Miscellaneous Fittings	EA	2	\$	408	\$	817	
17	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427	
18	Standard Blowoff Assembly	EA	1	\$	2,371	\$	2,371	
19	Landscaping	LS	1	\$	3,130	\$	3,130	
20	Traffic Control	LS	1	\$	2,722	\$	2,722	
Total Construction Cost							\$	265,758
Engineering							\$	53,152
Contingency							\$	66,439
Environmental Review							\$	34,021
Administration							\$	13,288
Total Project Cost							\$	432,657

Coast Guard Hill Treated Water Reservoir Improvements

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$ 277,176	\$ 277,176	
2	Demolition	LS	1	\$ 46,196	\$ 46,196	
3	Site Preparation	LS	1	\$ 91,090	\$ 91,090	
4	1 Million Glass Fused to Steel Bolted Tank	LS	1	\$ 1,440,918	\$ 1,440,918	
5	Interior Baffling	LS	1	\$ 60,359	\$ 60,359	
6	Earthwork, Grading	LS	1	\$ 91,776	\$ 91,776	
7	Site Piping	LS	1	\$ 79,364	\$ 79,364	
8	Level Transducer and Telemetry Panel	LS	1	\$ 19,596	\$ 19,596	
9	Site Improvements, Fencing, Parking, Roadway	LS	1	\$ 155,827	\$ 155,827	
Total Construction Cost					\$	2,262,302
Engineering					\$	452,460
Geotechnical Engineering					\$	38,533
Contingency					\$	565,576
Environmental Review					\$	34,021
Administration					\$	113,115
Total Project Cost					\$	3,466,007



Priority 3 Projects

City of Port Orford Water Infrastructure Upgrades - Preliminary Engineering Cost Estimate

Unless Otherwise Noted, All Project Data and Costs Presented are Based on Finalized Dyer Partnership WMP for the City of Port Orford, Dated: November 2014
(Presented Costs have been Increased for Inflation to Better Represent Current Construction Costs in 2022)

Environmental, Engineering for Design & Construction Phase 2 - Priority 3 Project Cost: \$ 26,509,851

Administration Phase 2 - Priority 3 Project Cost: \$ 1,228,839

Agate Beach/California Street - Replace 2" with 6" , from California/12th south to Agate Beach Rd.

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 61,180	\$ 61,180
2	Waterline Demolition & Abandonment	LS	1	\$ 10,197	\$ 10,197
3	Site Preparation	LS	1	\$ 5,171	\$ 5,171
4	Foundation Stabilization	CY	75	\$ 68	\$ 5,103
5	Gravel Surfacing - 3" Depth	LF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	2050	\$ 53	\$ 108,976
7	6-inch Waterline, Class C Backfill	LF	2000	\$ 127	\$ 254,509
8	1" Service Line - Class B, C, or Direct Place	LF	20	\$ 45	\$ 900
9	1" Service Connections	EA	1	\$ 2,946	\$ 2,946
10	6" Gate Valves	EA	3	\$ 1,203	\$ 3,609
11	6" 90 ° Elbows	EA	1	\$ 680	\$ 680
12	6" 45 ° Elbows	EA	2	\$ 682	\$ 1,363
13	6" 22 1/2 ° Elbows	EA	8	\$ 612	\$ 4,899
14	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
15	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427
18	Combination Air Release Valve	EA	1	\$ 2,994	\$ 2,994
19	Landscaping	LS	1	\$ 13,064	\$ 13,064
20	Traffic Control	LS	1	\$ 2,177	\$ 2,177
	Total Construction Cost				\$ 486,588
	Engineering				\$ 97,318
	Contingency				\$ 121,647
	Environmental Review				\$ 34,021

Administration	\$ 24,329
Total Project Cost	\$ 763,903

18th Street & Hwy 101 - Connect dead-end 4" line at 18th/Oregon intersection

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 6,668	\$ 6,668
2	Waterline Demolition & Abandonment	LS	1	\$ 3,538	\$ 3,538
3	Foundation Stabilization	CY	5	\$ 68	\$ 340
4	AC Pavement Trench R & R - Hwy	LF	150	\$ 106	\$ 15,948
5	6-inch Waterline, Class C Backfill	LF	100	\$ 127	\$ 12,725
6	6" Gate Valves	EA	1	\$ 1,203	\$ 1,203
7	6" 45° Elbows	EA	2	\$ 682	\$ 1,363
8	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
9	Traffic Control	LS	1	\$ 6,804	\$ 6,804
Total Construction Cost					\$ 49,883
Engineering					\$ 9,977
Contingency					\$ 12,471
Environmental Review					\$ 34,021
Administration					\$ 2,494
Total Project Cost					\$ 108,845

Vista Drive & Pump Station - Replace 4" with 6" , from Jefferson eastward and replace pump station

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 39,654	\$ 39,654
2	Waterline Demolition & Abandonment	LS	1	\$ 6,609	\$ 6,609
3	Site Preparation	LS	1	\$ 2,644	\$ 2,644
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701
5	Gravel Surfacing	LF	100	\$ 22	\$ 2,200
6	AC Pavement Trench R & R - Non-Hwy	LF	750	\$ 53	\$ 39,869
7	6-inch Waterline, Class C Backfill	LF	700	\$ 127	\$ 89,078
8	1" Service Line - Class B, C, or Direct Place	LF	80	\$ 45	\$ 3,600
9	1" Service Connections	EA	4	\$ 2,946	\$ 11,784
10	6" Gate Valves	EA	2	\$ 1,633	\$ 3,266

11	6" 45 ° Elbows	EA	2	\$	1,021	\$	2,041
12	6" 22 1/2 ° Elbows	EA	2	\$	919	\$	1,837
13	6" Miscellaneous Fittings	EA	2	\$	953	\$	1,905
14	Standard Blowoff Assembly	EA	1	\$	2,371	\$	2,371
15	Pump Station	LS	1	\$	102,063	\$	102,063
16	Landscaping	LS	1	\$	2,643	\$	2,643
17	Traffic Control	LS	1	\$	3,266	\$	3,266
Total Construction Cost						\$	316,532
Engineering						\$	63,306
Contingency						\$	79,133
Environmental Review						\$	34,021
Administration						\$	15,827
Total Project Cost						\$	508,819

5th Street - Replace 4" with 6", from Harbor Dr. to Idaho St.

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$ 32,373	\$ 32,373	
2	Waterline Demolition & Abandonment	LS	1	\$ 6,668	\$ 6,668	
3	Site Preparation	LS	1	\$ 2,158	\$ 2,158	
4	Foundation Stabilization	CY	5	\$ 68	\$ 340	
5	Gravel Surfacing - 3" Depth	LF	20	\$ 22	\$ 440	
6	AC Pavement Trench R & R - Non-Hwy	LF	1050	\$ 53	\$ 55,817	
8	6-inch Waterline, Class C Backfill	LF	1000	\$ 127	\$ 127,254	
11	1" Service Line - Class B, C, or Direct Place	LF	80	\$ 45	\$ 3,600	
13	1" Service Connections	EA	4	\$ 2,946	\$ 11,784	
14	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406	
15	6" 45° Elbows	EA	2	\$ 682	\$ 1,363	
16	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293	
17	New Fire Hydrant & Connection	EA	1	\$ 6,427	\$ 6,427	
14	Standard Blowoff Assembly	EA	1	\$ 2,371	\$ 2,371	
18	Landscaping	LS	1	\$ 2,722	\$ 2,722	
19	Traffic Control	LS	1	\$ 2,177	\$ 2,177	
Total Construction Cost					\$	259,194

Engineering	\$	51,839
Contingency	\$	64,798
Environmental Review	\$	34,021
Administration	\$	12,960
Total Project Cost	\$	422,812

Hwy 101 - new 8" from 6th/Deady to Qua-To-Mah

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 59,469	\$ 59,469
2	Waterline Demolition & Abandonment	LS	1	\$ 31,163	\$ 31,163
3	Site Preparation	LS	1	\$ 3,266	\$ 3,266
4	Gravel Surfacing	LF	100	\$ 22	\$ 2,200
5	AC Pavement Trench R & R - Hwy	LF	900	\$ 106	\$ 95,686
6	8-inch Waterline, Class C Backfill	LF	875	\$ 111	\$ 97,125
7	8" Gate Valves	EA	2	\$ 1,682	\$ 3,364
8	8" 45 ° Elbows	EA	2	\$ 1,021	\$ 2,041
9	8" 22 1/2 ° Elbows	EA	2	\$ 919	\$ 1,837
10	8" Miscellaneous Fittings	EA	2	\$ 953	\$ 1,905
11	Landscaping	LS	1	\$ 7,757	\$ 7,757
	Total Construction Cost				\$ 305,814
	Engineering				\$ 61,163
	Permitting				\$ 6,625
	Contingency				\$ 76,454
	Environmental Review				\$ 34,021
	Administration				\$ 15,291
	Total Project Cost				\$ 499,367

Qua-To-Mah & Pump Station - Replace 2" with 6", Hwy 101 to end, and new pump station

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 36,531	\$ 36,531
2	Waterline Demolition & Abandonment	LS	1	\$ 6,088	\$ 6,088
3	Site Preparation	LS	1	\$ 2,435	\$ 2,435

4	Foundation Stabilization	CY	25	\$	68	\$	1,701
5	Gravel Surfacing	LF	750	\$	22	\$	16,500
6	6-inch Waterline, Class C Backfill	LF	750	\$	127	\$	95,441
7	1" Service Line - Class B, C, or Direct Place	LF	60	\$	45	\$	2,700
8	1" Service Connections	EA	3	\$	2,946	\$	8,838
9	6" Gate Valves	EA	2	\$	1,203	\$	2,406
10	6" 45 ° Elbows	EA	2	\$	682	\$	1,363
11	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
12	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427
13	Standard Blowoff Assembly	EA	1	\$	2,371	\$	2,371
14	Pump Station	LS	1	\$	102,063	\$	102,063
15	Landscaping	LS	1	\$	2,435	\$	2,435
16	Traffic Control	LS	1	\$	5,443	\$	5,443
	Total Construction Cost					\$	294,036
	Engineering					\$	58,807
	Contingency					\$	73,509
	Environmental Review					\$	34,021
	Administration					\$	14,702
	Total Project Cost					\$	475,075

Hensley Hill Road - Replace 6" with 8"

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 22,624	\$ 22,624
2	Waterline Demolition & Abandonment	LS	1	\$ 3,771	\$ 3,771
3	Site Preparation	LS	1	\$ 2,177	\$ 2,177
4	Foundation Stabilization	CY	5	\$ 68	\$ 340
5	Gravel Surfacing	LF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	700	\$ 53	\$ 37,211
6	8-inch Waterline, Class C Backfill	LF	675	\$ 111	\$ 74,925
8	1" Service Line - Class B, C, or Direct Place	LF	60	\$ 45	\$ 2,700
9	1" Service Connections	EA	3	\$ 2,946	\$ 8,838
7	8" Gate Valves	EA	2	\$ 1,682	\$ 3,364
8	8" 45 ° Elbows	EA	2	\$ 1,021	\$ 2,041
9	8" 22 1/2 ° Elbows	EA	4	\$ 919	\$ 3,674

10	8" Miscellaneous Fittings	EA	2	\$	953	\$	1,905
13	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427
17	Landscaping	LS	1	\$	8,301	\$	8,301
18	Traffic Control	LS	1	\$	3,248	\$	3,248
Total Construction Cost						\$	182,648
Engineering						\$	36,530
Contingency						\$	45,662
Environmental Review						\$	34,021
Administration						\$	9,132
Total Project Cost						\$	307,992

5th Street & Jefferson - Replace 4" with 6" , from Jackson to Deady (thereabouts)

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$ 15,253	\$ 15,253	
2	Waterline Demolition & Abandonment	LS	1	\$ 2,542	\$ 2,542	
3	Site Preparation	LS	1	\$ 1,017	\$ 1,017	
4	Foundation Stabilization	CY	5	\$ 68	\$ 340	
5	Gravel Surfacing	LF	200	\$ 22	\$ 4,400	
6	AC Pavement Trench R & R - Non-Hwy	LF	200	\$ 53	\$ 10,632	
7	6-inch Waterline, Class C Backfill	LF	400	\$ 127	\$ 50,902	
8	2" Connections	EA	3	\$ 4,727	\$ 14,180	
9	2" Service Line - Class B, C, or Direct Place	LF	60	\$ 99	\$ 5,967	
12	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406	
13	6" 45° Elbows	EA	2	\$ 682	\$ 1,363	
14	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293	
16	Landscaping	LS	1	\$ 10,206	\$ 10,206	
17	Traffic Control	LS	1	\$ 4,568	\$ 4,568	
Total Construction Cost						\$ 125,069
Engineering						\$ 25,014
Contingency						\$ 31,267
Environmental Review						\$ 34,021

Administration	\$ 6,253
Total Project Cost	\$ 221,625

Sweet Way - Install new 6"

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 11,594	\$ 11,594
2	Site Preparation	LS	1	\$ 814	\$ 814
3	Foundation Stabilization	CY	5	\$ 68	\$ 340
4	AC Pavement Trench R & R - Non-Hwy	LF	400	\$ 53	\$ 21,264
5	6-inch Waterline, Class C Backfill	LF	400	\$ 127	\$ 50,902
6	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406
7	6" 45 ° Elbows	EA	2	\$ 682	\$ 1,363
8	6" 22 1/2 ° Elbows	EA	4	\$ 612	\$ 2,450
9	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
10	Landscaping	LS	1	\$ 1,361	\$ 1,361
11	Traffic Control	LS	1	\$ 3,284	\$ 3,284
Total Construction Cost					\$ 97,070
Engineering					\$ 19,414
Contingency					\$ 24,267
Environmental Review					\$ 34,021
Administration					\$ 4,853
Total Project Cost					\$ 179,626

Jackson Street- Connect dead-end 4" line at 6th

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 10,751	\$ 10,751
2	Waterline Demolition & Abandonment	LS	1	\$ 2,041	\$ 2,041
3	Site Preparation	LS	1	\$ 2,041	\$ 2,041
4	Foundation Stabilization	CY	5	\$ 68	\$ 340
5	AC Pavement Trench R & R - Hwy	LF	50	\$ 106	\$ 5,316
6	AC Pavement Trench R & R - Hwy	LF	150	\$ 106	\$ 15,948
7	6-inch Waterline, Class C Backfill	LF	300	\$ 127	\$ 38,176
8	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406

9	6" 45 ° Elbows	EA	2	\$	682	\$	1,363
10	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
11	Landscaping	LS	1	\$	1,409	\$	1,409
12	Traffic Control	LS	1	\$	6,804	\$	6,804
Total Construction Cost						\$	87,888
Engineering						\$	17,578
Contingency						\$	21,972
Environmental Review						\$	34,021
Administration						\$	4,394
Total Project Cost						\$	165,854

Pinehurst Road - Install new 6" to loop

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 11,462	\$ 11,462
2	Site Preparation	LS	1	\$ 764	\$ 764
3	Foundation Stabilization	CY	5	\$ 68	\$ 340
4	AC Pavement Trench R & R - Non-Hwy	LF	400	\$ 53	\$ 21,264
5	6-inch Waterline, Class C Backfill	LF	400	\$ 127	\$ 50,902
6	6" Gate Valves	EA	1	\$ 1,203	\$ 1,203
9	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
10	Landscaping	LS	1	\$ 1,409	\$ 1,409
11	Traffic Control	LS	1	\$ 3,466	\$ 3,466
Total Construction Cost					\$ 92,102
Engineering					\$ 18,420
Contingency					\$ 23,025
Environmental Review					\$ 34,021
Administration					\$ 4,605
Total Project Cost					\$ 172,174

Manzanita Drive - Replace 4" with 6", from Arizona to Geer

Item	Description	Unit	Quantity	Unit Price	Total
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1	Const. Facilities & Temporary Controls	LS	1	\$	10,050	\$	10,050
2	Waterline Demolition & Abandonment	LS	1	\$	1,675	\$	1,675
2	Site Preparation	LS	1	\$	670	\$	670
3	Foundation Stabilization	CY	5	\$	68	\$	340
4	AC Pavement Trench R & R - Non-Hwy	LF	350	\$	53	\$	18,606
5	6-inch Waterline, Class C Backfill	LF	325	\$	127	\$	41,358
6	6" Gate Valves	EA	2	\$	1,203	\$	2,406
7	6" 45° Elbows	EA	2	\$	682	\$	1,363
9	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
10	Landscaping	LS	1	\$	1,634	\$	1,634
11	Traffic Control	LS	1	\$	2,956	\$	2,956
	Total Construction Cost					\$	82,350
	Engineering					\$	16,470
	Contingency					\$	20,587
	Environmental Review					\$	34,021
	Administration					\$	4,117
	Total Project Cost					\$	157,546

Madrona Drive - Install new 6" to loop

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 4,203	\$ 4,203
2	Site Preparation	LS	1	\$ 2,350	\$ 2,350
3	Foundation Stabilization	CY	5	\$ 68	\$ 340
4	AC Pavement Trench R & R - Hwy	LF	50	\$ 106	\$ 5,316
5	AC Pavement Trench R & R - Non-Hwy	LF	100	\$ 53	\$ 5,316
6	6-inch Waterline, Class C Backfill	LF	100	\$ 127	\$ 12,725
7	6" Gate Valves	EA	1	\$ 1,203	\$ 1,203
8	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
9	Landscaping	LS	1	\$ 1,825	\$ 1,825
10	Traffic Control	LS	1	\$ 2,041	\$ 2,041
	Total Construction Cost				\$ 36,612
	Engineering				\$ 7,322

Contingency	\$	9,153
Environmental Review	\$	34,021
Administration	\$	1,831
Total Project Cost	\$	88,939

Idaho Street - Replace 2" with 4", between 10th and 12th

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 21,256	\$ 21,256
2	Waterline Demolition & Abandonment	LS	1	\$ 3,543	\$ 3,543
3	Site Preparation	LS	1	\$ 1,417	\$ 1,417
4	Foundation Stabilization	CY	5	\$ 68	\$ 340
5	AC Pavement Trench R & R - Non-Hwy	LF	650	\$ 106	\$ 69,107
6	4-inch Waterline, Class C Backfill	LF	600	\$ 112	\$ 67,370
7	4" Gate Valves	EA	2	\$ 1,089	\$ 2,177
8	4" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293
9	Landscaping	LS	1	\$ 1,417	\$ 1,417
10	Traffic Control	LS	1	\$ 3,255	\$ 3,255
Total Construction Cost					\$ 171,174
Engineering					\$ 34,235
Contingency					\$ 42,794
Environmental Review					\$ 34,021
Administration					\$ 8,559
Total Project Cost					\$ 290,783

19th Street - Replace 2" with 4", between Arizona and Oregon (Hwy 101)

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 20,228	\$ 20,228
2	Waterline Demolition & Abandonment	LS	1	\$ 3,371	\$ 3,371
2	Site Preparation	LS	1	\$ 1,349	\$ 1,349
3	Foundation Stabilization	CY	5	\$ 68	\$ 340
4	AC Pavement Trench R & R - Hwy	LF	50	\$ 106	\$ 5,316
4	AC Pavement Trench R & R - Non-Hwy	LF	650	\$ 53	\$ 34,553
5	4-inch Waterline, Class C Backfill	LF	800	\$ 112	\$ 89,827

6	4" Gate Valves	EA	2	\$	1,089	\$	2,177
9	4" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
10	Landscaping	LS	1	\$	1,348	\$	1,348
11	Traffic Control	LS	1	\$	4,168	\$	4,168
Total Construction Cost						\$	163,970
Engineering						\$	32,794
Contingency						\$	40,993
Environmental Review						\$	34,021
Administration						\$	8,199
Total Project Cost						\$	279,976

Dee Terrace - Replace 4" with 6"

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$ 52,435	\$ 52,435	
2	Waterline Demolition & Abandonment	LS	1	\$ 8,739	\$ 8,739	
2	Site Preparation	LS	1	\$ 3,496	\$ 3,496	
3	Foundation Stabilization	CY	5	\$ 68	\$ 340	
4	AC Pavement Trench R & R - Non-Hwy	LF	1850	\$ 53	\$ 98,344	
5	6-inch Waterline, Class C Backfill	LF	1850	\$ 127	\$ 235,421	
6	6" Gate Valves	EA	2	\$ 1,203	\$ 2,406	
7	6" 45 ° Elbows	EA	2	\$ 682	\$ 1,363	
8	6" 22 1/2 ° Elbows	EA	4	\$ 612	\$ 2,450	
9	6" Miscellaneous Fittings	EA	2	\$ 646	\$ 1,293	
10	Standard Blowoff Assembly	EA	1	\$ 2,371	\$ 2,371	
11	Landscaping	LS	1	\$ 5,579	\$ 5,579	
12	Traffic Control	LS	1	\$ 3,877	\$ 3,877	
Total Construction Cost						\$ 418,113
Engineering						\$ 83,623
Contingency						\$ 104,528
Environmental Review						\$ 34,021
Administration						\$ 20,906
Total Project Cost						\$ 661,191

14th Street - Replace 2" with 4"

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 11,551	\$ 11,551
2	Waterline Demolition & Abandonment	LS	1	\$ 1,925	\$ 1,925
3	Site Preparation	LS	1	\$ 770	\$ 770
4	Foundation Stabilization	CY	75	\$ 68	\$ 5,103
5	Gravel Surfacing - 3" Depth	LF	400	\$ 22	\$ 8,800
6	4-inch Waterline, Class C Backfill	LF	400	\$ 112	\$ 44,913
7	1" Service Line - Class B, C, or Direct Place	LF	60	\$ 45	\$ 2,700
8	1" Service Connections	EA	3	\$ 2,946	\$ 8,838
9	4" Gate Valves	EA	3	\$ 935	\$ 2,804
10	4" 45 ° Elbows	EA	2	\$ 429	\$ 858
11	4" Miscellaneous Fittings	EA	2	\$ 408	\$ 817
12	Landscaping	LS	1	\$ 2,177	\$ 2,177
13	Traffic Control	LS	1	\$ 3,877	\$ 3,877
	Total Construction Cost				\$ 95,134
	Engineering				\$ 19,027
	Contingency				\$ 23,783
	Environmental Review				\$ 34,021
	Administration				\$ 4,757
	Total Project Cost				\$ 176,721

Tichenor Cemetery Road - Replace 2" with 6"

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 14,332	\$ 14,332
2	Waterline Demolition & Abandonment	LS	1	\$ 2,389	\$ 2,389
3	Site Preparation	LS	1	\$ 1,089	\$ 1,089
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701
5	Gravel Surfacing - 3" Depth	LF	50	\$ 22	\$ 1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	350	\$ 53	\$ 18,606
7	6-inch Waterline, Class C Backfill	LF	325	\$ 127	\$ 41,358
8	1" Service Line - Class B, C, or Direct Place	LF	80	\$ 45	\$ 3,600

9	1" Service Connections	EA	4	\$	2,946	\$	11,784
10	6" Gate Valves	EA	2	\$	1,203	\$	2,406
11	6" 90° Elbows	EA	1	\$	680	\$	680
12	6" 45° Elbows	EA	2	\$	682	\$	1,363
14	6" Miscellaneous Fittings	EA	2	\$	646	\$	1,293
15	New Fire Hydrant & Connection	EA	1	\$	6,427	\$	6,427
10	Standard Blowoff Assembly	EA	1	\$	2,371	\$	2,371
19	Landscaping	LS	1	\$	2,858	\$	2,858
20	Traffic Control	LS	1	\$	3,877	\$	3,877
Total Construction Cost						\$	117,234
Engineering						\$	23,447
Contingency						\$	29,308
Environmental Review						\$	34,021
Administration						\$	5,862
Total Project Cost						\$	209,871

Stagecoach Lane - Replace 4" with 6"

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 11,738	\$ 11,738
2	Waterline Demolition & Abandonment	LS	1	\$ 1,956	\$ 1,956
3	Site Preparation	LS	1	\$ 783	\$ 783
4	Foundation Stabilization	CY	25	\$ 68	\$ 1,701
5	Gravel Surfacing	LF	20	\$ 22	\$ 440
6	AC Pavement Trench R & R - Non-Hwy	LF	350	\$ 53	\$ 18,606
7	6-inch Waterline, Class C Backfill	LF	325	\$ 127	\$ 41,358
8	1" Service Line - Class B, C, or Direct Place	LF	20	\$ 45	\$ 900
9	1" Service Connections	EA	1	\$ 2,946	\$ 2,946
10	6" Gate Valves	EA	2	\$ 1,633	\$ 3,266
11	6" 45° Elbows	EA	2	\$ 1,021	\$ 2,041
13	6" Miscellaneous Fittings	EA	2	\$ 953	\$ 1,905
14	Standard Blowoff Assembly	EA	1	\$ 2,371	\$ 2,371
16	Landscaping	LS	1	\$ 2,722	\$ 2,722
17	Traffic Control	LS	1	\$ 6,804	\$ 6,804

Total Construction Cost	\$ 99,537
Engineering	\$ 19,907
Contingency	\$ 24,884
Environmental Review	\$ 34,021
Administration	\$ 4,977
Total Project Cost	\$ 183,327

Seventh Street & Jefferson - Replace 2" with 4" west side of 7th Street

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$ 13,080	\$ 13,080
2	Waterline Demolition & Abandonment	LS	1	\$ 2,180	\$ 2,180
3	Site Preparation	LS	1	\$ 912	\$ 912
4	Foundation Stabilization	CY	125	\$ 68	\$ 8,505
5	Gravel Surfacing - 3" Depth	LF	84	\$ 22	\$ 1,848
6	AC Pavement Trench R & R - Non-Hwy	LF	250	\$ 53	\$ 13,290
7	4-inch Waterline, Class C Backfill	LF	250	\$ 112	\$ 28,071
8	1" Service Line - Class B, C, or Direct Place	LF	100	\$ 45	\$ 4,500
9	1" Service Connections	EA	6	\$ 2,946	\$ 17,677
10	4" Gate Valves	EA	6	\$ 935	\$ 5,608
12	4" 45° Elbows	EA	4	\$ 429	\$ 1,715
14	4" Miscellaneous Fittings	EA	4	\$ 408	\$ 1,633
19	Landscaping	LS	1	\$ 4,355	\$ 4,355
20	Traffic Control	LS	1	\$ 4,168	\$ 4,168
	Total Construction Cost				\$ 107,542
	Engineering				\$ 21,508
	Contingency				\$ 26,885
	Environmental Review				\$ 34,021
	Administration				\$ 5,377
	Total Project Cost				\$ 195,334

Sea Cliff - Replace 2" with 4"

Item	Description	Unit	Quantity	Unit Price	Total
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1	Const. Facilities & Temporary Controls	LS	1	\$	7,280	\$	7,280
2	Waterline Demolition & Abandonment	LS	1	\$	1,213	\$	1,213
3	Site Preparation	LS	1	\$	485	\$	485
4	Foundation Stabilization	CY	75	\$	68	\$	5,103
5	Gravel Surfacing - 3" Depth	LF	50	\$	22	\$	1,100
6	AC Pavement Trench R & R - Non-Hwy	LF	150	\$	53	\$	7,974
7	4-inch Waterline, Class C Backfill	LF	150	\$	112	\$	16,842
8	1" Service Line - Class B, C, or Direct Place	LF	60	\$	45	\$	2,700
9	1" Service Connections	EA	3	\$	2,946	\$	8,838
10	4" Gate Valves	EA	3	\$	935	\$	2,804
12	4" 45 ° Elbows	EA	2	\$	429	\$	858
14	4" Miscellaneous Fittings	EA	2	\$	408	\$	817
19	Landscaping	LS	1	\$	1,497	\$	1,497
20	Traffic Control	LS	1	\$	3,256	\$	3,256
Total Construction Cost						\$	60,767
Engineering						\$	12,153
Contingency						\$	15,192
Environmental Review						\$	34,021
Administration						\$	3,038
Total Project Cost						\$	125,172

New Water Line to Service all Residents (SHN Report Dated June 2005)

Hensley Hill Service Area (SHN Report Dated June 2005)

Item	Description	Unit	Quantity	Unit Price	Total
1	Construction Facilities	LS	1	\$ 198,789	\$ 198,789
2	Pump Station	LS	1	\$ 371,157	\$ 371,157
3	8-inch PVC Waterline	LF	4583	\$ 111	\$ 508,713
4	Service Laterals (short)	LF	970	\$ 45	\$ 43,650
5	Service Laterals (long)	LF	2425	\$ 46	\$ 110,708
6	Connection to Existing	EA	1	\$ 3,835	\$ 3,835
7	Fire Hydrant	EA	10	\$ 6,427	\$ 64,269
8	AC Pavement	LF	1146	\$ 53	\$ 60,920
9	Gravel Surfacing	LF	3437	\$ 22	\$ 75,614
10	Misc. Fittings	LS	1	\$ 86,392	\$ 86,392

Total Construction Cost	\$	1,524,046
Engineering	\$	304,809
Contingency	\$	381,012
Administration	\$	76,202
Total Project Cost	\$	2,286,069

Vista-Loop Cedar Hollow Drive (SHN Report Dated June 2005)

Item	Description	Unit	Quantity	Unit Price	Total
1	Construction Facilities	LS	1	\$ 579,381	\$ 579,381
2	Pump Station	LS	1	\$ 368,418	\$ 368,418
3	PRV-Valves	EA	2	\$ 20,087	\$ 40,174
4	8-inch PVC Waterline	LF	20848	\$ 111	\$ 2,314,128
5	Service Laterals (short)	LF	1340	\$ 45	\$ 60,300
6	Service Laterals (long)	LF	3350	\$ 46	\$ 152,937
7	Connection to Existing	EA	1	\$ 3,835	\$ 3,835
8	Fire Hydrant	EA	46	\$ 6,427	\$ 295,636
9	AC Pavement	LF	5212	\$ 53	\$ 277,065
10	Gravel Surfacing	LF	15636	\$ 22	\$ 343,992
11	Misc. Fittings	LS	1	\$ 6,057	\$ 6,057
	Total Construction Cost				\$ 4,441,924
	Engineering				\$ 888,385
	Contingency				\$ 1,110,481
	Administration				\$ 222,096
	Total Project Cost				\$ 6,662,886

Port Orford Loop / Arizona Street (SHN Report Dated June 2005)

Item	Description	Unit	Quantity	Unit Price	Total
1	Construction Facilities	LS	1	\$ 564,265	\$ 564,265
2	8-inch PVC Waterline	LF	11654	\$ 111	\$ 1,293,594
3	10-inch	LF	6894	\$ 199	\$ 1,375,163
4	Service Laterals (short)	LF	2770	\$ 45	\$ 124,650

5	Service Laterals (long)	LF	6925	\$	46	\$	316,145	
6	Connection to Existing	EA	1	\$	3,835	\$	3,835	
7	Fire Hydrant	EA	26	\$	6,427	\$	167,099	
8	AC Pavement	LF	2914	\$	53	\$	154,905	
9	Gravel Surfacing	LF	8741	\$	22	\$	192,302	
10	Misc. Fittings	LS	1	\$	134,075	\$	134,075	
Total Construction Cost							\$	4,326,033
Engineering							\$	865,207
Contingency							\$	1,081,508
Administration							\$	216,302
Total Project Cost							\$	6,489,049

Garrison Lake Paradise Point (SHN Report Dated June 2005)

Item	Description	Unit	Quantity	Unit Price	Total	
1	Construction Facilities	LS	1	\$ 186,027	\$ 186,027	
2	8-inch PVC Waterline	LF	6900	\$ 111	\$ 765,900	
3	Service Laterals (short)	LF	560	\$ 45	\$ 25,200	
4	Service Laterals (long)	LF	1400	\$ 46	\$ 63,914	
5	Connection to Existing	EA	1	\$ 3,835	\$ 3,835	
6	Fire Hydrant	EA	15	\$ 6,427	\$ 96,403	
7	AC Pavement	LF	1725	\$ 53	\$ 91,699	
8	Gravel Surfacing	LF	5175	\$ 22	\$ 113,850	
9	Misc. Fittings	LS	1	\$ 79,382	\$ 79,382	
Total Construction Cost					\$	1,426,210
Engineering					\$	285,242
Contingency					\$	356,553
Administration					\$	71,311
Total Project Cost					\$	2,139,315

Water Treatment Plant

Item	Description	Unit	Quantity	Unit Price	Total
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1	Const. Facilities & Temporary Controls	LS	1	\$	293,199	\$	293,199
2	Demolition	LS	1	\$	97,733	\$	97,733
3	Waterline Demolition & Abandonment	LS	1	\$	48,844	\$	48,844
4	Foundation Stabilization	CY	10	\$	91	\$	913
5	Standing Seam Metal Roof	SF	5900	\$	29	\$	168,327
6	Seismic protection of entire plant	LS	1	\$	43,853	\$	43,853
7	Floor Slab Drainage Correction (chem room)	LS	1	\$	6,574	\$	6,574
8	Louvers for cooling pump room	EA	2	\$	460	\$	919
9	VFDs for large pumps	EA	2	\$	2,739	\$	5,478
10	VFDs for small pumps	EA	2	\$	1,370	\$	2,739
11	Piping (includes supports)	LS	1	\$	114,131	\$	114,131
12	Actuators	EA	6	\$	16,340	\$	98,042
13	6" Butterfly valves	EA	6	\$	1,826	\$	10,957
14	4" Butterfly valves	EA	4	\$	1,370	\$	5,478
15	6" Flowmeters	EA	4	\$	14,596	\$	58,382
16	4" Gate/Pinch	EA	2	\$	10,957	\$	21,913
17	Solenoid valve (for shut off at tank)	EA	1	\$	6,574	\$	6,574
18	Cathodic protection for tanks	LS	1	\$	43,826	\$	43,826
19	Transducers for level control	EA	2	\$	5,584	\$	11,167
20	Treated Water Pump (spare)	EA	1	\$	31,010	\$	31,010
21	Mixing pump (chemical room)	EA	3	\$	19,262	\$	57,787
22	Turbidimeters	EA	2	\$	5,478	\$	10,956
23	Air dryer	EA	1	\$	10,957	\$	10,957
24	Compressor	EA	1	\$	6,574	\$	6,574
25	Electrical update (includes labor, conduits, wiring, panels, programming)	LS	1	\$	821,750	\$	821,750
26	Emergency backup generator	EA	1	\$	273,917	\$	273,917
27	Computer equipment	LS	1	\$	109,566	\$	109,566
28	Landscaping	LS	1	\$	32,870	\$	32,870
	Total Construction Cost					\$	2,394,437
	Engineering					\$	478,887
	Contingency					\$	598,609
	Environmental Review					\$	34,021
	Administration					\$	119,722
	Total Project Cost					\$	3,625,676

Milestone & Description	# of Months to Complete	Project Timeline
Pre-Award Project Work		
Pre-engineering Studies	16	Jan 2023 to July 2024
Environmental Investigation and Review	16	Jan 2023 to July 2024
Permitting	16	Jan 2023 to July 2024
Engineering/Design - Raw Water Storage Facility	16	Jan 2023 to July 2024
BRIC Application Submittal	-	27-Jan-23
Notification of Award (Estimated)	-	1-Jan-24
Post Award Work		
Engineering/Design - Garrison Lake Intake, Transmission Line & WTP; Hubbard Creek Improvements; SCADA System Upgrades	16	July 2024 to Dec 2025
Bidding and Award of Construction Contract - Raw Water Storage Facility	2	July 2024 to Aug 2024
Construction - Raw Water Storage Facility	12	Aug 2024 - Aug 2025
Raw Water Storage Facility Projects Closeout	2	Aug 2025 - Sept 2025
Bidding and Award of Construction Contract - Garrison Lake Intake, Transmission Line & WTP; Hubbard Creek Improvements; SCADA System Upgrades	2	Dec 2025 to Jan 2026
Construction - Garrison Lake Intake, Transmission Line & WTP; Hubbard Creek Improvements; SCADA System Upgrades	12	Jan 2026 - Jan 2027
Period of Performance Ends/Overall Project Closeout	1	Jan-27
Total Time Required to Complete this Project (Months):		36

City of Port Ordford Raw Water Infrastructure Upgrades

Total Project Cost: \$ 21,584,568

Administration Project Cost: \$ 538,037

Garrison Lake Intake & Transmission Line

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$308,735	\$ 308,735
2	Demolition	LS	1	\$51,456	\$ 51,456
3	Site Preparation	LS	1	\$20,582	\$ 20,582
4	Intake Structure	LS	1	\$85,000	\$ 85,000
5	Intake Screens	LS	1	\$32,568	\$ 32,568
6	Anchor Piles	LS	1	\$32,756	\$ 32,756
7	Concrete Anchors	LS	1	\$17,500	\$ 17,500
8	Wet Well	LS	1	\$53,274	\$ 53,274
9	Pump Station	LS	1	\$175,000	\$ 175,000
10	10" HDPE Transmission Piping	LF	4500	\$199	\$ 895,500
11	Bridge Under-crossing	LS	1	\$144,928	\$ 144,928
12	Foundation Stabilization	CY	100	\$68	\$ 6,800
13	Gravel Surfacing - 3" Depth	LF	400	\$22	\$ 8,800
14	AC Pavement Trench	LF	4100	\$106	\$ 434,600
15	Miscellaneous Fittings	LS	1	\$144,928	\$ 144,928
16	Landscaping	LS	1	\$26,578	\$ 26,578
17	Traffic Control	LS	1	\$35,678	\$ 35,678
Total Construction Cost					\$ 2,474,682
Pre-engineering Studies					\$ 247,468
Property Acquisition					\$ 500,000
Hydrogeological Engineering					\$ 24,747
Permitting					\$ 247,468
Geotechnical Engineering					\$ 24,747
Structural Engineering					\$ 12,373
Engineering					\$ 494,936
Contingency					\$ 618,670
Environmental Review					\$ 49,494
Administration					\$ 123,734
Total Project Cost					\$ 4,818,320

Garrison Lake Water Treatment Plant

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$316,212	\$ 316,212
2	Demolition	LS	1	\$52,749	\$ 52,749
3	Site Preparation (Site is adjacent to existing WTP)	LS	1	\$21,081	\$ 21,081
4	1 CFS Membrane Filtration Treatment System	LS	1	\$1,358,645	\$ 1,358,645
5	Power System Upgrades	LS	1	\$77,589	\$ 77,589
6	Building Extension to Existing WTP	LS	1	\$258,674	\$ 258,674
7	Misc. Auxiliary Equipment	LS	1	\$32,586	\$ 32,586
8	Vacuum & Backwash Pumps	LS	1	\$56,253	\$ 56,253
9	Emergency backup generator	LS	1	\$163,587	\$ 163,587
10	Gravel Surfacing - 3" Depth	LS	1	\$11,542	\$ 11,542
11	AC Pavement	LS	1	\$32,586	\$ 32,586
12	Miscellaneous Site Pipe & Fittings	LS	1	\$80,162	\$ 80,162
13	Fencing & Landscaping	LS	1	\$36,458	\$ 36,458
14	Traffic Control	LS	1	\$1,876	\$ 1,876
	Total Construction Cost			\$	2,500,000
	Pre-engineering Studies			\$	250,000
	Property Acquisition			\$	500,000
	Permitting			\$	250,000
	Geotechnical Engineering			\$	25,000
	Structural Engineering			\$	12,500
	Engineering			\$	500,000
	Contingency			\$	625,000
	Environmental Review			\$	50,000
	Administration			\$	125,000
	Total Project Cost			\$	4,837,500

Hubbard Creek Impound Improvements

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Facilities & Temporary Controls	LS	1	\$497,747	\$ 497,747
2	Demolition	LS	1	\$82,958	\$ 82,958
3	Site Preparation	LS	1	\$33,183	\$ 33,183
4	Foundation Stabilization	CY	100	\$68	\$ 6,800
5	Fish Ladder Improvement	LS	1	\$1,000,000	\$ 1,000,000
6	Gravel Surfacing - 3" Depth	LF	500	\$22	\$ 11,000
7	AC Pavement Trench R & R - Hwy	LF	4400	\$106	\$ 466,400
8	AC Pavement Trench R & R - Non-Hwy	LF	4600	\$53	\$ 243,800
9	8-inch Waterline, Class C Backfill	LF	9000	\$111	\$ 999,000
10	Excavation & Embankment - Reservoir	LS	1	\$112,500	\$ 112,500
11	Pond Liner	LS	1	\$150,000	\$ 150,000
12	Excavation & Embankment - Access Roads	LS	1	\$37,500	\$ 37,500

13	Pump Station	LS	1	\$130,642	\$	130,642	
14	8" Gate Valves	EA	5	\$1,682	\$	8,410	
15	8" Miscellaneous Fittings	EA	20	\$953	\$	19,060	
16	Security Fence	LF	1000	\$111	\$	111,000	
17	Landscaping	LS	1	\$22,200	\$	22,200	
18	Traffic Control	LS	1	\$8,567	\$	8,567	
Total Construction Cost						\$	3,940,767
Pre-engineering Studies						\$	394,077
Property Acquisition						\$	500,000
Permitting						\$	591,115
Geotechnical Engineering						\$	551,707
Structural Engineering						\$	78,815
Engineering						\$	788,153
Contingency						\$	985,192
Environmental Review						\$	788,153
Administration						\$	197,038
Total Project Cost						\$	8,815,018

Raw Water Storage Reservoir

Item	Description	Unit	Quantity	Unit Price	Total	
1	Const. Facilities & Temporary Controls	LS	1	\$188,454	\$ 188,454	
2	Demolition	LS	1	\$31,409	\$ 31,409	
3	Site Preparation	LS	1	\$55,780	\$ 55,780	
4	0.5 Million Glass Fused to Steel Bolted Tank	LS	1	\$882,365	\$ 882,365	
5	Interior Baffling	LS	1	\$32,587	\$ 32,587	
6	Earthwork, Grading	LS	1	\$56,200	\$ 56,200	
7	Site Piping	LS	1	\$48,600	\$ 48,600	
8	Level Transducer and Telemetry Panel	LS	1	\$25,000	\$ 25,000	
9	Site Improvements, Fencing, Parking, Roadway	LS	1	\$155,827	\$ 155,827	
Total Construction Cost						\$ 1,476,222
Pre-engineering Studies						\$ 147,622
Property Acquisition						\$ 500,000
Permitting						\$ 147,622
Geotechnical Engineering						\$ 14,762
Structural Engineering						\$ 7,381
Engineering						\$ 295,244
Contingency						\$ 369,055
Environmental Review						\$ 29,524
Administration						\$ 73,811

Total Project Cost	\$ 3,061,245
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SCADA System Upgrades

Item	Description	Unit	Quantity	Unit Price	Total
1	Const. Fac. & Temp. Controls	LS	1	\$47,116	\$ 47,116
2	Demolition and Site Preparation	LS	1	\$7,853	\$ 7,853
3	Foundation Stabilization	CY	100	\$68	\$ 6,800
4	Misc. Appurtenances	LS	1	\$6,026	\$ 6,026
5	Landscaping	LS	1	\$4,748	\$ 4,748
6	RTUs	EA	1	\$5,478	\$ 5,478
7	MTU	EA	1	\$7,304	\$ 7,304
8	Radio & Antennas	EA	3	\$4,565	\$ 13,696
9	Surge Suppressor & Bulkhead Fittings	LS	1	\$1,826	\$ 1,826
10	Battery Backup	EA	2	\$1,461	\$ 2,922
11	Enclosures	EA	2	\$18,261	\$ 36,522
12	Level Transmitter	EA	1	\$6,391	\$ 6,391
13	Host Computer	EA	1	\$25,815	\$ 25,815
14	Laptop Computer	EA	1	\$3,500	\$ 3,500
15	Printer	EA	1	\$1,850	\$ 1,850
16	Misc. Hardware	LS	1	\$9,131	\$ 9,131
17	Autodialer	EA	1	\$5,478	\$ 5,478
18	Software	LS	1	\$45,653	\$ 45,653
19	Cost for Radio Installation Sites	EA	1	\$27,184	\$ 27,184
20	Software Configuration	LS	1	\$54,783	\$ 54,783
21	Transmission Service to Coast Guard Tank	LF	3800	\$5	\$ 19,000
22	Transmission Service to Deady Tank	LF	6000	\$5	\$ 30,000
	Total Construction Cost				\$ 369,077
	Pre-engineering Studies				\$ 36,908
	Engineering				\$ 73,815
	Contingency				\$ 92,269
	Administration				\$ 18,454
	Total Project Cost				\$ 590,523

City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 01/19/2023

SUBJECT: Goal Setting/Planning and Commission Roles & Responsibilities

ITEM NO: 7 c.

The City Council would like to set workshops for the following items:

Goal/Priority Settings:

STR's with Planning: Planning suggested having it at their next meeting.

Commissions and Council Roles & Responsibilities:

Park's Next meeting is 2/2/2023

Planning's next meeting is 02/07/2023

City Council's next regular meeting is 02/16/2023

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 01/19/2023

SUBJECT: Resolution 2023-02 Banking/Siganture New Council Member

ITEM NO: 8 a.

This Resolution is to add Ann Vileisis, Perri Rask and Brett Webb to the Rogue Checking account.

Suggested Motions

Motion to approve Resolution 2023-02

I move to approve Resolution 2023-02 to add Ann Vileisis, Perri Rask and Brett Webb to the Rogue Checking Account.

Motion to deny Resolution 2023-02

I move to deny Resolution 2023-02 to add Ann Vileisis, Perri Rask and Brett Webb to the Rogue Checking Account.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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RESOLUTION 2023-02

**A RESOLUTION OF THE *COMMON COUNCIL OF THE CITY OF PORT ORFORD*,
TO CHANGE THE AUTHORIZED SIGNATORY FOR THE CHECKING AND
SAVINGS ACCOUNTS WITH ROUGE CREDIT UNION**

WHEREAS, the Rogue Credit Union is designated as the depository of the City of Port Orford;
and

WHEREAS, the authorized persons listed for the City of Port Orford accounts require updating
based on the November 8, 2022 election of new Councilors; and

WHEREAS, the following outgoing Councilors, Carolyn LaRoche, Lorin Kessler and James
Garrett, need to be removed from the signature card; and

WHEREAS, the newly elected Councilors, Brett Webb, Ann Vileisis and Perri Rask, be added
to the signature card,

NOW, THEREFORE,

BE IT RESOLVED the *Common Council of the City of Port Orford* approves the actions
needed to update the authorized persons listed for the City of Port Orford accounts with Rogue
Credit Union.

Approved by the *Common Council of the City of Port Orford* and effective this 19th day of
January 2023.

Pat Cox, Mayor

ATTEST:

Jessica Ginsburg, City Recorder

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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 01/19/2023

SUBJECT: Scope of Work Civil West Engineering

ITEM NO: 8 b.

The Scope of work is to begin the pre-award services for the BRIC grants. This is part of our 10% match funds.

Suggested Motions

Motion to approve Scope of work Civil West Engineering

I move to approve the scope of work for Civil West Engineering services as part of the BRIC grant application submission.

Motion to deny Scope of work Civil West Engineering

I move to deny the scope of work for Civil West Engineering services as part of the BRIC grant application submission.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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Rogue Valley Office
830 O'Hare Parkway, Ste. 102
Medford, OR 97504
541-326-4828

South Coast Office
486 'E' Street
Coos Bay, OR 97420
541-266-8601

Willamette Valley Office
213 Water Ave NW
Albany, OR 97321
541-223-5130

North Coast Office
609 SW Hurbert Street
Newport, OR 97366
541-264-7040

ENGINEERING SCOPE OF SERVICES

Date: January 10, 2023

Work Order Number: TBD

To: Jessica Ginsburg, City Administrator, City of Port Orford (City)

From: Marlin Gochnour, President, Civil West Engineering Services, Inc. (CWE)

RE: **City of Port Orford - BRIC Water System Infrastructure Upgrade (Project)**

The City has requested Civil West Engineering Services provide a scope of work to assist the City in completing the design services and production of ready for construction documents for each of the water system distribution priority 1 projects outlined in the recent application for a FEMA BRIC grant.

Background Summary

The City of Port Orford is pursuing a Pre-Disaster Hazard Mitigation Grant to improve fire suppression capabilities and resiliency of critical water infrastructure within the City. The application was submitted in January 2023 and the City will have to wait to hear of the results for up to 18 months on if the City will be selected and an award offered to the City. To meet the timeline outlined within the grant application, the City must start work on the design phase immediately, which has led to the creation of this scope of work.

All projects listed below are directly from the City's water master plan and all design costs presented are based on the industry standard 10% of construction cost for design services. Costs presented are based on the original master plan construction costs, but they have been updated for inflation utilizing the ENR index and current construction costs for some infrastructure items included in the original cost estimates.

Part A: Scope of Work

Work completed as part of this Scope will include the design phase of the Priority 1 projects outlined in the City's current water master plan and the BRIC funding application. The following projects are included in this scope of work.

Priority 1- Engineering Design and for Bid Construction Document Development (Pre-award BRIC work)

- 1) Meter replacement
- 2) Water Treatment Plant Improvements - Repairs include repairing the floor slab, replacing filters media, installing air scour system, pump room equipment, chlorine room equipment and chemical room equipment.
- 3) Waterline replacements: Lakeshore Drive ~1,550 ft: New 6" line on the west side of Lakeshore Dr.
- 4) Waterline replacements: Hamlet ~ 2,500 ft: Replace 4" pipe with a new 6" line on the west side of Hamlet.

- 5) Waterline replacements: Lakeshore Drive ~1,260 ft: Replace 4" line with a 6" line on the east side of Lakeshore Dr.
- 6) Waterline replacements: Wyoming ~2,680 ft: Replace 6" line due to excessive leakage. The new line will begin at the intersection of Hamlet & Wyoming in the same location of the existing waterline.
- 7) Waterline replacements: Jackson Street~ 1,960 ft: Replace existing 6" main on south side of Jackson.
- 8) Waterline replacements: 9th Street~ 1,670 ft: Replace 6" main on the east side.
- 9) Waterline replacements: 7th Street~1,020 ft: Replace 6" main on the east side of 7th street.
- 10) Waterline replacements: Pinehurst Drive ~820: Replace 6" main on the east side.
- 11) Treated Water Storage Improvement: Replace the Deady Street treated water storage tank (it has been out of service since 1996) with a new 1-million-gallon storage tank.

Each of these projects will have a design completed based on a field survey and data collected on the existing infrastructure in the area. This design will then be utilized to develop a set of construction documents that will include construction plans, specifications, and bidding documents. All the design documents prepared will be submitted for review and approval by regulatory agencies to obtain approval for the proposed improvements.

The deliverables associated with this scope of work include construction documents that have received regulatory agency approval and are ready to be published on local and state bidding platforms to allow the City to collect bids to move the work into the construction phase of the project. This scope of work does not include any support for the bid or construction phase of the overall project. All bid and construction phase support will be completed under a different scope prepared when the City elects to move forward with the projects.

The City may request a stop work on this project at any time and Civil West will, within 48 hours of that notice package and terminate all active work on this project. At that time, if requested Civil West will package all project data and deliver it to the City in an electronic format.

The following tasks have been identified to track the scope of work's progress.

Proposed Scope of Services

1. Task 1 – Civil Project Management and Administration

- a. Under this task, we will provide the necessary Civil project management and administrative services to conduct an orderly and well-managed project. This will include organizational issues, financial, and other administrative requirements. This will also include coordination with the City, regulatory agencies, utility companies, and others as applicable.

2. Task 2 – Preliminary Engineering Services & Field Survey

- a. As-Built Research, Investigation and Review: Consultant shall meet with City staff onsite to identify background information to ensure incorporation of City staff suggestions, recommendations, directions, and other requirements into the project. Consultant shall identify, collect, and review City's record drawings within the project's limits, if available.
- b. Under this task, we will engage our in-house survey team to complete a topographic survey of the project corridors. This survey will include horizontal and vertical location data for existing infrastructure within the Right-of-Way. We will survey the roadway within the Right-of-Way and when the improvements are located outside of this area, we will survey an area that extends a minimum of 25 feet past all proposed ground disturbance areas. This survey data will be organized into a project base map which will in turn be used to layout the project improvements in a precise manner. The basis of the vertical datum shall be the North American Vertical Datum of 1988 (NAVD88). No boundary, right-of-way, or property line surveys will be completed but all available record data will be provided along the project route.



- c. **Civil Engineering Schematic Design:** This task will include the preparation of a horizontal layout drawing. This will allow all stakeholders to have input of the overall layout.
- 3. Task 3 – Engineering Design and Project Document Preparation Services**
- a. Consultant shall prepare a drawing package consisting of plan, profile, and section view drawings for the construction of the water treatment plant upgrades, water storage reservoir, water mains, services, and appurtenances. The package of drawings shall include a Cover Sheet, General Notes, Site Layout, Plan and Section Views, Plan and Profile of the pipeline and construction details for site preparation, construction of the water treatment plant upgrades, water storage reservoir, pipeline, water service and connection details. Consultant shall submit to the City for review 65% design drawings.
 - b. Consultant shall prepare an Engineer’s Quantity and Cost Estimate to be reviewed with the 65% Design Drawings.
 - c. **Construction Specifications and Bid Documents:** The specifications shall conform to the current or newest version of EJCDC, and current or newest version of the Oregon Standard Specifications for Construction. To be reviewed at the 90% submittal.
 - d. Engineer’s Quantity and Cost Estimate to be reviewed with the 90% Design Drawings. Upon receipt of City comments, the consultant shall update plan specifications, cost estimates, and prepare Bid Ready Documents.
 - e. Consultant shall submit to regulatory agencies the design documents prepared and will provide the City support to address comments through up to three reviews by OHA. If additional reviews are required, they will be provided as an additional service to this scope of work.
- 4. Task 4 – Meetings**
- a. **Coordination and Progress Meetings:** Schedule and attend meetings with the City as necessary, to review and discuss specific issues not outlined in the above scope. The number of auxiliary meetings shall not exceed four (4) and shall include no more than one (1) people for four (4) hours per meeting.
- 5. Task 5 – Funding Assistance**
- a. This work will include development of a short report identifying various programs and funding scenarios that the City may be able to take advantage of to fund the 10% match and/or larger portion of the necessary water improvements. The report will include a short narrative of each program, what parts of the City’s project may be eligible, grant officer contact information, and timelines and schedules of when the programs are available. This task will include a few hours for ongoing discussions with the City.
- 6. Task 6 – Reimbursables**
- This task will include reimbursable costs for:
- a. **Office Administrative Costs** – This lump sum cost will cover costs for reproduction, postage, shipping, and other production costs.
 - b. **Mileage and Travel Costs** – This item will cover travel costs including mileage, per diem, lodging, and other reimbursable expenses required during the project.

Part B: Work Not Included

EXCLUSIONS/ ASSUMPTIONS

1. Traffic Control or Delineation Plans
2. Permitting fees



3. Easement creation, and boundary surveys.
4. Geotechnical Services such as soils reports, compaction testing, and pavement design.
5. Bidding Services is not included in this scope of services
6. Construction staking is not included in this scope of services.
7. Construction Management/ Inspection
8. Other tasks not specifically identified within this proposal

Part C: Project Fee Proposal (Lump Sum)

Fees for services under this Agreement are based on the costs developed in the 2014 water master plan updated for inflation and shall be billed on a time and material not to exceed basis. CWE will invoice the City monthly based on the work completed in that month. All work will be billed under a single task called Engineering Services. If budget funds go unused, the City will realize the savings.

Summary of Proposed Engineering Budget	
Engineering Services	\$784,476

Part D: Project Schedule

We understand the urgency of this project and are ready to start immediately. The preliminary schedule below is based on the schedule presented in the BRIC application. We can adjust as needed to account for the actual notice to proceed date for this project.

DATE	TASK
January 2023	Civil West Receives Notice to Proceed (NTP)
November 2023	65% Plans, Specifications, and Engineer’s Estimate to the City for Review.
March 2024	90% Plans, Specifications, and Engineer’s Estimate to the City for Review.
May 2024	Regulatory Agency Review support
July 2024	Final Bid Documents Ready for Advertisement

We are grateful for this opportunity to provide these services to the City of Port Orford. We are prepared to begin this work on this important project as soon as we are authorized to do so. Please let me know if you have any questions or if you wish to see any alterations to our proposed approach. If this proposed approach is acceptable, please sign below and the attached Consultant Services Agreement.

Sincerely,
Civil West Engineering Services, Inc.

Marlin Gochnour, PE
 President





Attachment B

Civil West Engineering Services, Inc. - 2023 Rate Schedule	
STAFF/ITEM	BILLING RATE
ENGINEERING	
Expert Witness	\$412
Principal Engineer	\$170
Regional Manager	\$165
Senior Project Manager	\$160
Senior Project Engineer	\$150
Senior Engineering Technician	\$124
Project Manager	\$155
Project Engineer	\$138
Staff Engineer	\$118
Engineering Technician	\$87
Drafter	\$78
Inspector 1	\$160
Inspector 2	\$138
Inspector 3	\$118
Engineering Intern	\$52
Clerical	\$54
Surveying	
Senior Surveyor (PLS)	\$155
Senior Survey Technician	\$124
Survey Technician	\$108
1-person Survey Crew	\$165
2-person Survey Crew	\$194
3-person Survey Crew	\$232
REIMBURSABLES	
Mileage - or current IRS Rate	\$0.625
Survey Equipment	\$225/day
GIS Data Collection Unit	\$125/day
Lodging, meals as required for travel	Cost
Reproduction, Printing, Etc.	Cost plus 10%
Subconsultants	Cost plus 10%
Expert Witness Support Expenses	Cost
* Scoped Support Services Approved Travel Budgets Will be Developed and Approved by Client Using Standard Billing Rates.	



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City of Port Orford

CITY COUNCIL AGENDA DOCUMENTATION

Date: 01/19/2023

SUBJECT: Dog Training at Community Center Building

ITEM NO: 8 c.

Pamela Berndt submitted a request to see if Jan Gordon who is a reputable trainer on the coast could possibly use the Community Center for Dog training.

Her website is www.forcefreebeachdogs.com

When I talked to CIS before about companies wanting to use our facilities they said that they would need General Liability Insurance \$2,000,000/3,000,000

I would like to hear what council thinks of this idea. And if they would like me to look further into the insurance aspect. Or if council would like to hand this item to the Parks Commission.

SUBMITTED BY:

Jessica Ginsburg

Jessica Ginsburg, City Administrator

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BEACH DOGS Resources Blog 2 Services



Canine Behavior Consultants - Oregon Coast -
Brookings to Lincoln City

198



We believe in the science of dog training and behavior modification. Over the years science has shown us so much more about our dogs. We now have a better insight into the minds of our canine friends, thus giving us the advantage to help them learn without fear and additional stress. This has changed the face of dog training forever!

FORCE FREE !

It is an effective way to train your dog. It builds a strong bond between the two of you and doesn't require the use of force, pain, or intimidation. In this safe space you will find your dog will learn much faster and enjoy the process!

“Our Approach”

