



PRELIMINARY WASTEWATER CAPITAL IMPROVEMENTS PRIORITY LIST

AKS ENGINEERING & FORESTRY, LLC
 12965 SW Herman Road, Suite 100
 Tualatin, Oregon 97062
 p: 503.563.6151 | f: 503.563.6152

PREPARED FOR: City of Yamhill
 Public Works
 Office: 450 S Maple St
 Mailing: PO Box
 Yamhill, OR 97148

Date: 8/6/2024
 AKS Job No. 3940-17
 Project Manager: JPC
 Prepared by: SCB
 Checked by: JPC

CONTACT: Jason Wofford
PHONE: 503.662.4344
EMAIL: j.wofford@cityofyamhill.com

PROJECT: 2024 CAPITAL IMPROVEMENT PLAN

WASTEWATER CAPITAL IMPROVEMENT PROJECTS

| Priority | ID# | Project Name | Primary Purpose | Total Estimated Cost (2024) | SDC Growth Apportionment | | City's Estimated Portion | Funding Source |
|--|-----|------------------------------------|----------------------------------|-----------------------------|--------------------------|---------------------|--------------------------|----------------|
| | | | | | % | Cost | | |
| 1 | 1.2 | Influent Lift Station | Capacity, Operations, Redundancy | \$ 1,589,200 | 20% | \$ 317,840 | \$ 1,271,360 | Grant |
| 2 | 1.5 | Lagoons - Surface Aerators | Compliance | \$ 716,510 | 20% | \$ 143,302 | \$ 573,208 | City |
| 9 | 1.4 | Disinfection | Capacity, Operations, Redundancy | \$ 237,010 | 20% | \$ 47,402 | \$ 189,608 | City |
| 3 | 1.7 | Biosolids Removal | Compliance | \$ 927,490 | 0% | \$ - | \$ 927,490 | Grant |
| 4 | 1.1 | Ellie's Garden Lift Station | Operations | \$ 43,840 | 0% | \$ - | \$ 43,840 | City |
| 5 | 2.1 | SCADA System | Operations | \$ 530,190 | 20% | \$ 106,038 | \$ 424,152 | C/G |
| 6 | 2.2 | Plant Water | Operations | \$ 491,830 | 20% | \$ 98,366 | \$ 393,464 | N/A |
| 7 | 2.3 | Lagoons - Valves and Gauges | Operations | \$ 315,100 | 20% | \$ 63,020 | \$ 252,080 | C/G |
| 8 | 1.3 | Effluent Lift Stations | Capacity, Operations, Redundancy | \$ 1,057,640 | 20% | \$ 211,528 | \$ 846,112 | C/G |
| 10 | 1.6 | Lagoons - Baffles | Compliance | \$ 265,780 | 20% | \$ 53,156 | \$ 212,624 | C/G |
| 11 | 3.1 | Repairs to Known I/I Problem Areas | I/I Reduction | \$ 1,370,000 | 0% | \$ - | \$ 1,370,000 | City |
| 12 | 3.2 | Addressing Adverse Grades | Capacity | \$ 257,560 | 0% | \$ - | \$ 257,560 | City |
| 13 | 3.3 | Addressing Lines Smaller than 8" | Maintenance | \$ 289,070 | 0% | \$ - | \$ 289,070 | City |
| 14 | 3.4 | Headworks Facility | Compliance | \$ 43,840 | 21% | \$ 9,206 | \$ 34,634 | City |
| TOTAL WASTEWATER IMPROVEMENTS COSTS | | | | \$ 8,135,060 | | \$ 1,049,858 | \$ 7,085,202 | |

COMPLETED WASTEWATER CAPITAL IMPROVEMENT PROJECTS (SINCE 2018)

| Project Name | Date Completed | Total Estimated Cost |
|------------------------------|----------------|----------------------|
| Influent Lift Station Design | 2023 | \$ 317,850 |

* This priority list is populated from 'Table ES-2: 20-Year Capital Improvement Plan' found in the *Wastewater Facilities Planning Study*, prepared August 2015 by Keller Associates.

** Project ID Number, Project Name, Primary Purpose, Total Estimated Cost, SDC Growth Apportionment, and City's Estimated

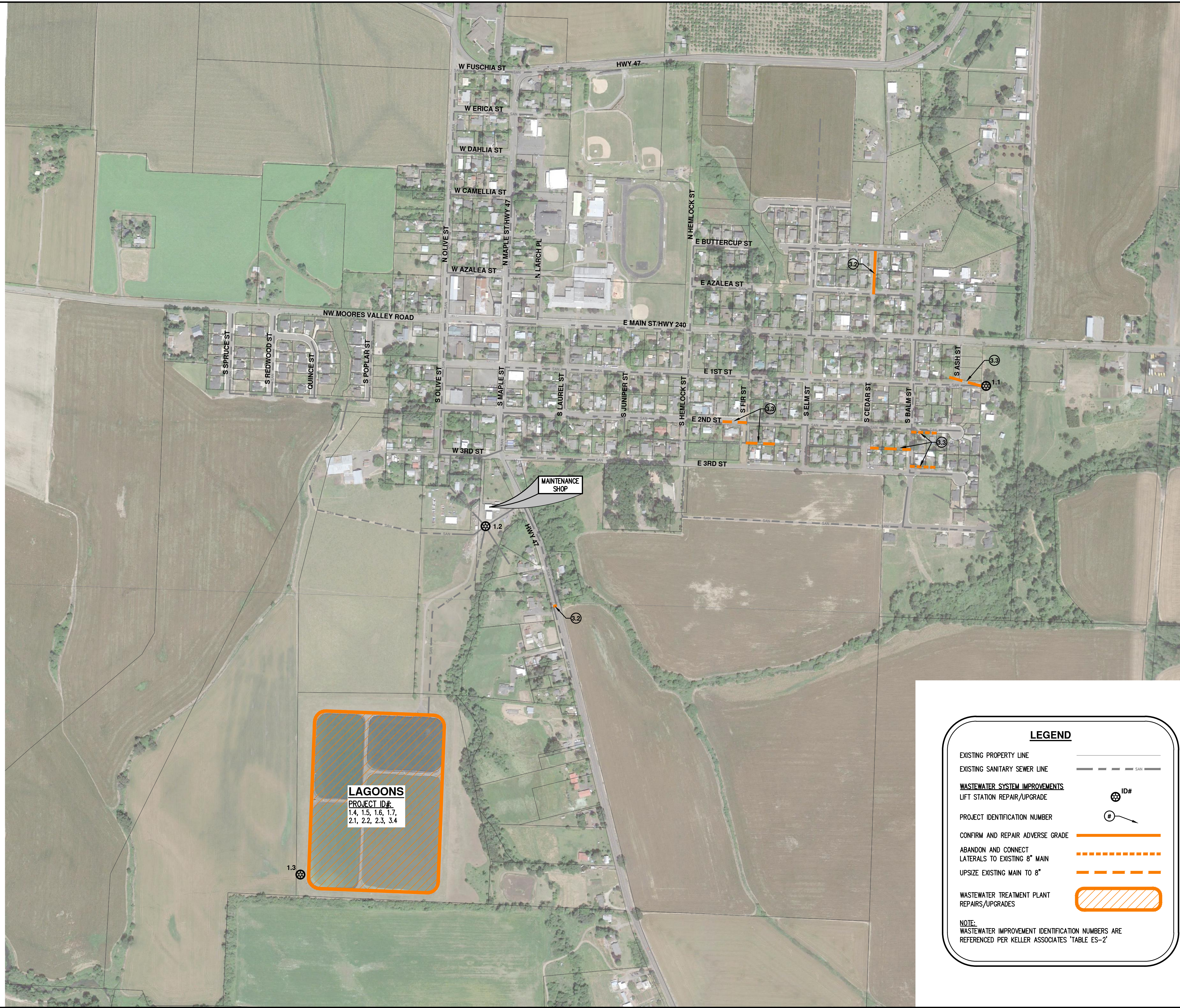
**CAPITAL
 IMPROVEMENT PROJECTS
 OREGON
 YAMHILL**

**WASTEWATER
 CIP MAP**

DESIGNED BY: JPC
 DRAWN BY: SCB
 CHECKED BY: JPC
 SCALE: AS NOTED
 DATE: 8/6/2024

REVISIONS

JOB NUMBER
3940
 SHEET



LEGEND

- EXISTING PROPERTY LINE
- EXISTING SANITARY SEWER LINE
- WASTEWATER SYSTEM IMPROVEMENTS**
- LIFT STATION REPAIR/UPGRADE
- PROJECT IDENTIFICATION NUMBER
- CONFIRM AND REPAIR ADVERSE GRADE
- ABANDON AND CONNECT LATERALS TO EXISTING 8" MAIN
- UPSIZED EXISTING MAIN TO 8"
- WASTEWATER TREATMENT PLANT REPAIRS/UPGRADES

NOTE:
 WASTEWATER IMPROVEMENT IDENTIFICATION NUMBERS ARE REFERENCED PER KELLER ASSOCIATES' TABLE ES-2'

