

May 16, 2024

**SERVICE COMMITTEE**

May 20, 2024

*Committee and Council Meetings can be viewed by accessing YouTube or Facebook  
Following Finance Committee*

Council Chambers

**AGENDA**

1. Consider **Resolution No. 24-54** A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE TO PARTICIPATE IN THE ODOT WINTER CONTRACT (018-25) FOR ROAD SALT AND DECLARING AN EMERGENCY.
2. Consider **Resolution No. 24-58** A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF NEWARK, OHIO TO PURCHASE TWO (2) USED STREET SWEEPERS FOR THE STORMWATER UTILITY WITHOUT COMPETITIVE BIDDING.
3. **Brandon Fox** – Updates on Water and Wastewater projects.
4. Other items at the discretion of the Chair

**RESOLUTION NO: 24- 54**

**BY: \_\_\_\_\_**

**A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE TO PARTICIPATE IN THE ODOT WINTER CONTRACT (018-25) FOR ROAD SALT AND DECLARING AN EMERGENCY.**

**WHEREAS**, the City of Newark in Licking County (hereinafter referred to as the “Political Subdivision”) hereby submits this written agreement to participate in the Ohio Department of Transportation’s (ODOT) annual winter road salt bid (018-25) in accordance with Ohio Revised Code 5513.01 (B) and hereby agrees to all of the following terms and conditions in its participation of the ODOT winter road salt contract:

- a. The Political Subdivision hereby agrees to be bound by all terms and conditions established by ODOT in the winter road salt contract and acknowledges that upon award of the contract by the Director of ODOT it shall be bound by all such terms and conditions included in the contract; and
- b. The Political Subdivision hereby acknowledges that upon the Director of ODOT’s signing of the winter road salt contract, it shall effectively form a contract between the awarded salt supplier and the Political Subdivision; and
- c. The Political Subdivision agrees to be solely responsible for resolving all claims or disputes arising out of its participation in the ODOT winter road salt contract and agrees to hold the Department of Transportation harmless of any claims, actions, expenses, or other damages arising out of the Political Subdivision’s participation in the winter road salt contract; and
- d. The Political Subdivision’s electronic order for Sodium Chloride (Road Salt) will be in the amount of **500 tons**, of which the Political Subdivision agrees to purchase from its awarded salt supplier at the delivered bid price per ton awarded by the Director of ODOT; and
- e. The Political Subdivision hereby agrees to purchase a minimum of 90% of its electronically submitted salt quantities from its awarded salt supplier during the contract’s effective period; and
- f. The Political Subdivision hereby agrees to place orders with and directly pay the awarded salt supplier on a net 30 basis for all road salt it receives pursuant to ODOT winter salt contract; and
- g. The Political Subdivision acknowledges that should it wish to rescind this participation agreement it will do so by written, emailed request no later than Monday, May 3, 2024 by 5:00pm. The written, emailed request to rescind this participation agreement must be received by the ODOT Office of Contract Sales, Purchasing Section email: [Contracts.Purchasing@dot.ohio.gov](mailto:Contracts.Purchasing@dot.ohio.gov) by the deadline. The Department, upon receipt, will respond that it has received the request and that it has effectively removed the Political Subdivision’s participation request. Furthermore, it is the sole responsibility of the Political

Subdivision to ensure ODOT has received this participation agreement as well and the receipt of any request to rescind this participation agreement. The Department shall not be held responsible or liable for failure to receive a Political Subdivision's participation agreement and/or a Political Subdivision's request to rescind its participation agreement.

**WHEREAS,** The emergency measure is necessary for the immediate preservation of the public, peace, health, safety, and welfare due to the program deadline set by ODOT.

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NEWARK, COUNTY OF LICKING AND STATE OF OHIO, THAT:**

**Section 1:** That this participation agreement for the ODOT winter road salt contract is hereby approved, funding has been authorized, and the Political Subdivision agrees to the above terms and conditions regarding participation on the ODOT winter salt contract.

**Section 2:** That the Service Director is hereby authorized to agree in the name of the City of Newark to be bound by all terms and conditions as the Director of Transportation prescribes.

**Section 3:** That the Service Director is hereby authorized to agree in the name of the City of Newark to directly pay vendors, under each such contract of the Ohio Department of Transportation in which the City of Newark participates, for items it receives pursuant to the contract.

**Section 4:** This Resolution shall become effective immediately as an emergency pursuant to Article 4.07 of the Charter of the City of Newark, Ohio for the immediate preservation of the public peace, health, safety, and welfare

Adopted this \_\_\_\_\_ day of \_\_\_\_\_, 2024.

\_\_\_\_\_  
President of Council

Attest: \_\_\_\_\_  
Clerk of Council

Date Filed with Mayor: \_\_\_\_\_

Date Approved by Mayor: \_\_\_\_\_

\_\_\_\_\_  
Mayor

\_\_\_\_\_  
Service Director

Form Approved: \_\_\_\_\_  
Law Director

Prepared by the Division of Engineering.

**City of Newark**  
**Division of Engineering**

**MEMORANDUM**

**TO :** Service Committee  
**FROM :** Brian Morehead, City Engineer  
**DATE :** 13 May 2024  
**RE :** Committee Agenda for 5/20/2024

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Please allow time on your next agenda to discuss submitting legislation to Council for the following items:

- 1) Legislation to authorize and direct the Director of Public Service to participate in the ODOT Winter Salt Contract (018-25) and declaring an emergency. The emergency measure is necessary because ODOT requested the executed legislation to be delivered to them by Friday, May 3, 2024 (or as soon as possible afterward) to be included in the program. (Unfortunately ODOT did not provide notice of the date this year until mid-April, and provided no advanced notification, so they are accepting the legislation at a later time)

I will be out on vacation for this meeting, so please let me know if you have any further questions before 5/17/2024. Hoping this standard legislation will pass on to Council without issue.

cc: David Rhodes, Service Director  
Ralph Prince, Greg Vickers – Street Dept.  
City Engineer

RESOLUTION NO. 24-58

BY: \_\_\_\_\_

**A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF NEWARK, OHIO TO PURCHASE TWO (2) USED STREET SWEEPERS FOR THE STORMWATER UTILITY WITHOUT COMPETITIVE BIDDING.**

**WHEREAS**, the City of Newark operates a Stormwater Utility; and,

**WHEREAS**, the system has approximately 6,180 storm catch basins and 530 miles of roads; and,

**WHEREAS**, the Stormwater Utility is required to sweep City streets on a routine basis to remove debris as a method of storm water pollution prevention; and,

**WHEREAS**, the Stormwater Utility is required to clean catch basins routinely to prevent buildup of storm debris; and,

**WHEREAS**, the street sweepers are used and can only be acquired from a single source and therefore pursuant to 10.02(C) of the Newark City Charter, competitive bidding may be waived; and,

**WHEREAS**, the Public Service Committee of the Newark City Council met on May 20, 2024 and approved submission of the legislation for full council consideration.

**NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NEWARK, COUNTY OF LICKING, AND STATE OF OHIO, THAT:**

Section 1: Competitive bidding is hereby waived and the Director of Public Service is hereby authorized and directed to purchase two (2) used Street Sweepers on behalf of the City of Newark, Ohio.

Section 2: That the dedicated source of payment will be Stormwater user charges and American Rescue Plan funding.

Section 3: This resolution shall become effective at the earliest time permitted in accordance with Article 4.07 of the Charter of the City of Newark, Ohio.

Passed this \_\_\_\_\_ day of \_\_\_\_\_ 2024.

\_\_\_\_\_  
PRESIDENT OF COUNCIL

ATTEST:  
CLERK OF COUNCIL

DATE FILED WITH MAYOR: \_\_\_\_\_

DATE APPROVED BY MAYOR: \_\_\_\_\_

\_\_\_\_\_  
MAYOR

FORM APPROVED: \_\_\_\_\_  
DIRECTOR OF LAW

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**W W DIVISION OF WATER & WASTEWATER W W**

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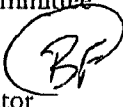
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Brandon Fox  
Utilities Superintendent  
740-670-7945

34 South 5<sup>th</sup> Street  
P. O. Box 4100  
Newark, Ohio 43058-4100

**MEMORANDUM**

**TO:** Jeff Rath, Chairman  
Public Service Committee

**FROM:** Brandon Fox   
Water Administrator

**SUBJECT:** Service Committee Agenda

**DATE:** May 14, 2024

**COPIES:** Mayor, Service Director, Clerk of Council, Jeff Rath, Dustin Neely, Bill Cost Jr., Beth Bline, Bradley Chute, file

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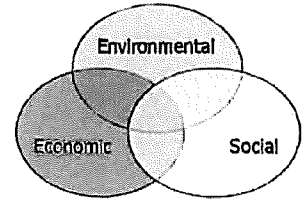
I would appreciate some time on the next Service Committee agenda to present the following resolution.

**A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF NEWARK, OHIO TO PURCHASE TWO (2) USED STREET SWEEPERS FOR THE STORMWATER UTILITY**

**Department of Public Service**

**Division of Stormwater**

**Request for Legislation**



***Project Title: Street Sweeper Replacement***

**A RESOLUTION AUTHORIZING AND DIRECTING THE DIRECTOR OF PUBLIC SERVICE OF THE CITY OF NEWARK, OHIO TO PURCHASE TWO (2) USED STREET SWEEPERS FOR THE STORMWATER UTILITY**

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**Background/Purpose:**

The City has approximately 530 miles of roads and 6,180 storm water catch basins that must be maintained and routinely cleaned to prevent stormwater pollution. The City currently has two street sweepers that are used to clean streets. One sweeper is in need of replacement. A new street sweeper is estimated to cost \$450,000. The City recently identified used, refurbished street sweepers that meet the requirements of the City for cleaning streets and also have a vacuum system for cleaning out catch basins. The used units have less than 100 operating hours on them and have a cost of \$175,000 each.

**Scope of Work:**

The Division of Water and Wastewater, through the Director of Public Service, is requesting authorization to purchase two (2) Elgin used street sweepers. This current legislation authorizes that process to start.

**Justification/Urgency:**

City staff has physically test ran the used street sweepers are confident with the quality and remaining useful life. It is in the best interest of the City to take advantage of this opportunity.

**Anticipated Costs and funding source:**

The Stormwater Utility has funding to purchase one unit and City ARP funds are being requested to purchase the second unit.

**Schedule:**

The used street sweepers are currently reserved for the City pending passage of the legislation.

**Community Impact:**

This project will benefit the City by saving significant operating funds while replacing an aging asset.

**Request Initiated by:**

Brandon Fox/Brian Morehead



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**W W DIVISION OF WATER & WASTEWATER W W**

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Brandon Fox  
Utilities Superintendent  
740-670-7945

34 South 5<sup>th</sup> Street  
P. O. Box 4100  
Newark, Ohio 43058-4100

**MEMORANDUM**

**TO:** Jeff Rath, Chairman  
Public Service Committee

**FROM:** Brandon Fox   
Water Administrator

**SUBJECT:** Service Committee Agenda

**DATE:** May 1, 2024

**COPIES:** Mayor, Service Director, Clerk of Council, Jeff Rath, Dustin Neely, Bill Cost Jr., Beth Bline, Bradley Chute, file

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I would appreciate some time on the next Service Committee agenda to present the following updates on Water and Wastewater Projects.

Revised 5.1.2024

## City of Newark Division of Water and Wastewater Current Projects 2024

### **Fourth Street Sewer Separation**

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Description	Part of Long-Term Control Plan as required by our NPDES Permit. Separation of sewers on 4 <sup>th</sup> Street from National Drive Pump Station to Locust Street, Locust Street to Granville and Granville to State Route 16 Bridge. Work will include new sanitary, storm and water lines. Separation of combined sewers to reduce overflows to mandated levels.
Cost	<b>\$27,181,183</b>
Issues	June 2023 milestone was met for all sanitary and sewer separation to occur. Working to finalize punch list items and complete project.
Schedule	Anticipated final closeout 2 <sup>nd</sup> Quarter 2024

### **East Side Water Transmission Line**

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Description	Installation of approximately 3 miles of 16" water line to loop system from New Haven Ave. to Dayton Road area. This line will improve water quality, provide better fire protection.
Cost	<b>\$4,300,000</b> - Funded by Ohio Dept. of Development Grant
Issues	Coordination with County on impacts to roads and needed improvements to asphalt.
Schedule	Project started 3 <sup>rd</sup> quarter 2023 and underground work is completed. Anticipate final asphalt and landscaping completed 2 <sup>nd</sup> Quarter 2024.

### **Thornwood – Faye Drive Booster Stations**

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Description	Installation of a new booster station on Faye Drive and upgrading the existing station on Thornwood Drive. The current status of the Southwest Pressure Zone is that there is one booster station to supply pressure to the entire area. While this station has a back generator for emergencies a second complete station is needed to insure consistent service to this area.
Cost	<b>\$4,111,281.40</b>
Issues	Coordination with Thornwood Drive/Cherry Valley Road bridge replacement and River Road Sewer project is critical.
Schedule	Construction started 3 <sup>rd</sup> Quarter 2023 with waterline replacement portion. Currently installing new Faye Dr. booster station. Anticipated completion 4 <sup>th</sup> Quarter 2024.

### **Lead Service Line Replacements #1-3**

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Description	Replaced approximately 700 non-copper or plastic service lines within the system. Identification of service line material is an on-going process and an <a href="#">interactive map</a> of service line material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking water system.
Cost	<b>\$3,795,771 total – (\$2,053,089 ARP funds and \$819,061 OWDA 0% interest loan)</b>
Issues	All eligible customers must sign <a href="#">agreement</a> for City to work on private water line.
Schedule	LSL #1- 100 services completed 2 <sup>nd</sup> Quarter 2023, LSL #2- 200 services replaced by 1 <sup>st</sup> Quarter 2024. LSL #3- 400 services replaced by 2 <sup>nd</sup> Quarter 2024.

### **Lead Service Line Replacement #4-5**

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Description	Replacing 1,100 non-copper or plastic service lines within the system. Identification of service line material is an on-going process and an <a href="#">interactive map</a> of service line
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Revised 5.1.2024

material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking water system.

Cost **\$4,084,875 total – (\$1,919,891 OWDA 0% interest loan)**  
Issues All eligible customers must sign agreement for City to work on private water line.  
Schedule LSL #4 start construction 2<sup>nd</sup> Quarter 2024 and LSL #5 start 3<sup>rd</sup> Quarter 2024.

#### **Lead Service Line Replacement #6-12**

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Description Replacing approximately 4,000 non-copper or plastic service lines within the system. Identification of service line material is an on-going process and an interactive map of service line material has been developed. Part of the Ohio EPA mandate to remove all lead from the drinking water system.  
Cost **\$20,000,000**  
Issues All eligible customers must sign agreement for City to work on private water line.  
Schedule 1,000 Services per year for Project years 2024-2028.

#### **UV Upgrade – WWTP**

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Description Installation of a new Ultraviolet Light disinfection system to replace the existing system. UV system was functional May 2022 and weir covers were completed September 2022.  
Cost **\$5,123,980**  
Issues Substantial completion February 2024  
Schedule Anticipated Final completion 2<sup>nd</sup> Quarter 2024

#### **Raccoon Creek Streambank Restoration**

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Description This was a cooperative project with the US Army Corp of Engineers (USACE) to rebuild a low head dam on the Raccoon Creek. The dam was failing and needed repair. This dam is designed to protect existing water and sanitary lines as well as prevent erosion along State Route 16.  
Cost City portion (35%) **\$1,426,000**  
Issues Coordination with USACE  
Schedule Construction started August 2022 and completed 3<sup>rd</sup> Quarter 2023.

#### **WTP Instrumentation Upgrades**

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Description Updating plant monitoring system with new PLC's and SCADA system. Additional controls for water treatment processes are being added as well as storage tank monitoring on Horns Hill and River water quality metering. Replacing failing SCADA radio systems on remote water booster stations and sanitary pump stations.  
Cost **\$3,113,536.36**  
Issues Coordination with SCADA for Plant outages  
Schedule Anticipated completion 2<sup>nd</sup> Quarter 2024

#### **South Second Street**

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Description Part of the Long-Term Control Plan, this project will connect the separated sewers in the downtown area to the Interceptors along the South Fork of the Licking River and then to the treatment plant. This will also add a storm water line from the same area and replace aging water lines in the same area. Reduction of CSO's and new infrastructure.  
Cost **\$13,525,853**

Revised 5.1.2024

Issues Coordination with Floodwall improvements on 2<sup>nd</sup> Street. Coordination with traffic and entrance improvements at Don Edwards Park and Ohio Street. Coordination with businesses and residents on 2<sup>nd</sup> St and traffic patterns.

Schedule Construction started April 29, 2024 and anticipated completion by 3<sup>rd</sup> Quarter 2026

### **River Road Sewer**

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Description Installation of 3,400 feet of gravity sewer line on River Road connecting Park Trails to Reddington Road. Replacing a sanitary lift station and force main with a gravity system. Work is part of the Thornwood Drive/Cherry Valley Bridge Project

Cost Engineers estimate \$4,430,738- **Submitted for Ohio Dept. of Development Grant Feb. 2024.**

Issues Coordination with ODOT bridge project and pending land acquisitions as part of Thornwood Bridge/Roundabout project. Deep (30-35') sewers on east end of River Road. Coordination with residents and traffic patterns due to required shut down of River Road.

Schedule Design is 100% complete and pending ODD grant award to bid 3<sup>rd</sup> Quarter 2024

### **16 North Project: In Preliminary Design**

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Description Part of the Long-Term Control Plan, this sewer separation project will include area north of SR 16 at Hudson Ave and along SR 13 to Rugg Ave. Reduction of CSO's and new infrastructure

Cost **\$85,000,000**

Issues Largest CSO project to date and may need to be completed in phases. Impact to traffic patterns on Hudson and Mt. Vernon Road. Coordination with ODOT for Log Run Bridge replacement. Potential flood control improvements of Log Pond Run, neighborhood revitalization and storm water removal from residences.

Schedule Complete design by 2<sup>nd</sup> Quarter 2025 and Construction complete by 2<sup>nd</sup> Quarter 2028

### **Licking River Dam Improvements (Spillway remediation):**

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Description Address deficiencies identified by the State of Ohio Dam Safety Authorities. Create overflow channel on east side of dam to direct flows to a control structure that will discharge to the river approximately 200 ft downstream.

Cost **\$322,632**

Issues Coordination with Horns Hill Roundabout project

Schedule Start Construction 3<sup>rd</sup> Quarter 2024 and substantial completion 4<sup>th</sup> Quarter 2024

### **Water System Capacity Study**

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Description Develop high level overview of Licking River firm capacity, WTP capacity and potential impacts of western Licking County demand

Cost **\$140,000**

Issues Coordination with AMP Development

Schedule Draft study completed 1<sup>st</sup> Quarter 2024 and Final report 4<sup>th</sup> Quarter 2024

### **Water Asset Management Plant Development**

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Description Develop Asset Management Plan for Water System as required per OEPA and WSRLA funding for LSL projects. Will provide Planning level recommendations for 5-20 year CIP at Water Plant.

Cost **\$400,000**

Issues Coordination with Water System Capacity Study.

*Revised 5.1.2024*

Schedule Started 1<sup>st</sup> Quarter 2023 and completed January 2024

**Wastewater System Master Plan**

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Description Evaluation of Wastewater Plant current and future flow and loading conditions, high level condition assessment of major assets, develop a process and hydraulic capacity model, evaluate and recommend nutrient removal improvements required to meet a 5.0 mg/l and 1.0 mg/l Total Phosphorus limit, evaluate the solids handling and septage receiving facilities and recommend improvements required and develop implementation schedule, capital improvement budget and high level financial analysis to meet future conditions.

Cost **\$300,000**

Issues Understand existing infrastructure and planning to meet 5-20 year growth projections

Schedule Draft study completed by 1<sup>st</sup> Quarter 2025

Revised 5.1.2024

**City of Newark Division of Water and Wastewater  
Future Projects 2024**

**Water Tower painting**

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Description Replace aging coating on water tower  
Purpose Sandblast and Paint Water Tower to prevent corrosion  
Cost Engineers estimate- **\$400,000 - Submitted for Ohio Dept. of Development Grant**  
Issues Tower must be out of service during rehabilitation  
Schedule 3<sup>rd</sup> Quarter 2024

**Gregory Drive/Brenton Drive Sanitary Sewer**

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Description: Install 6,100 feet of sanitary sewer on Gregory and Brenton Drives.  
Purpose: Replace failing private septic systems to approximately 44 acres and 115 residents  
Cost: Engineers estimate- **\$3,709,305 – Submitted for Ohio Dept. of Development Grant**  
Issues: Coordination with Health Department, private sewer connections and abandonment of failing septic systems

**Berwyn Lane Waterline Replacement**

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Description: Replace 1,500 feet of 8” Ductile Waterline  
Purpose: Replace failing, corroded 8” waterline on Berwyn Lane  
Cost: Design- In house. Estimated Construction cost \$500,000  
Funding: Equipment Replacement Fund/2022 Water Bond  
Issues: Coordinate with water tower painting in fall 2023

**Horns Hill Water Storage Tank expansion/refurbish**

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Description Evaluate need for additional storage and/ or refurbish of existing concrete tanks  
Cost Engineers estimate **\$3,000,000**  
Issues Pending Water System Capacity Study  
Schedule None

**Wastewater Plant Biosolids processing facility upgrade**

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Description Replace/refurbish existing biosolids dewatering facilities originally installed in 1988. Address H2S issues and aging facilities.  
Cost Estimate- **\$5,000,000**  
Issues Coordination with existing dewatering requirements during construction.  
Schedule 2025

**Wastewater Plant Grit/Grease/Scum removal improvements**

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Description Replace/refurbish existing grit/grease facilities  
Cost Estimate- **\$3,000,000**  
Issues Septage and grease receiving provides additional load on current facilities that were not originally designed to accept material  
Schedule 2028

**Wastewater Plant Aeration Diffuser replacement**

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Description Replace aged aeration diffusers  
Cost Estimate- **\$500,000**  
Issues Summer requirement to allow tanks to be taken out of service during low flow

*Revised 5.1.2024*

Schedule 2026

**Wastewater Plant Final Clarifier Upgrade**

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Description Refurbish existing clarifier drive mechanisms, tower, weirs, etc. originally installed in 1988.  
Cost Estimate- **\$2,000,000**  
Issues None known  
Schedule 2026

**Water Treatment Plant Rehabilitation**

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Description Based on Asset Management Plan, repair/replace existing infrastructure at WTP. Plant was built in 1943 with last major upgrade in 1996. Over 30% of assets are at or near failure. Will need to evaluate current treatment capacity and future capacity requirements.  
Cost Engineers estimate **\$25,000,000**  
Issues Coordination of current production with Water Capacity Study to determine potential expansion needs.  
Schedule Preliminary Study 2025, Detailed design 2026-2027, Anticipated Construction 2028.