



City of Harrisonburg
Water Fluoridation Project Update
October 24, 2017

Previous Recommendation by Staff

- Engage Alternative #4: \$190,000
- Pursue \$40,000 state grant funding
- Rewrite ordinance for best management practices supported by VDH Water Resources Division

Project Scope

Wiley & Wilson Plans August 14, 2017

- Hydrofluosilicic acid system
- Direct purchase of tank & pump packages
- Building addition: 65 sq ft
- Exterior safety & access rework
- Piping, electrical & instrumentation rework
- Demolition of old system (granular & HFSA)

Project Cost

• Purchased Equipment	\$ 56,000
• New Construction	\$ 78,000
• Rework	\$ 50,000
• Demolition	\$ 35,000
• General	\$ 50,000
• Grant	(\$ 40,000)
• Required Funding	\$229,000

2017-2018 - Project Milestones

Project #	Project Name	Task	Milestone Date
504	WTP Fluoride System Upgrades	Project Update to City Council October 24, 2017	10/24/2017
504	WTP Fluoride System Upgrades	Vendor quotes ready for purchase acquisition	10/26/2017
504	WTP Fluoride System Upgrades	Draft Bid Documents ready	10/26/2017
504	WTP Fluoride System Upgrades	VDH review comments received	10/26/2017
504	WTP Fluoride System Upgrades	Fluoride Project Team Meeting #3 October 26.2017	10/26/2017
504	WTP Fluoride System Upgrades	Sign and close MOU with VDH	10/31/2017
504	WTP Fluoride System Upgrades	Construction & Bid Documents completed	11/31/2017
504	WTP Fluoride System Upgrades	Advertise for bid/bid documents	1/02/2018
504	WTP Fluoride System Upgrades	Award Bid	1/31/2018
504	WTP Fluoride System Upgrades	Construction complete	6/30/2018

Draft Ordinance

Section 7-2-20. Fluoridation of city water supply.

The water department shall provide the means and introduce sodium fluoride, or other suitable salt or acid of fluorine, into the water supply of the city in such quantities as are required to maintain throughout the pipe distribution system a fluoride ion concentration approximating the optimum concentration recommended by the state department of health.

The water department shall keep an accurate daily record showing for each supply the number of gallons treated and the fluoride ion concentration of the water before and after treatment.