



BOROUGH OF
Elmwood Park
N E W J E R S E Y

Elmwood Park Water Quality Meeting

Wednesday, August 20th at 6:00 PM

Elmwood Park Municipal
Courtroom/Council Chambers

182 Market Street

Attendees

- Please hold all questions until after the presentation is complete
- Microsoft Teams virtual attendees, please type your questions into the Chat box
- We will try to answer as many of your questions as we can

Meeting Representatives

- Council President Lorraine Pellegrine
lpellegrine@elmwoodparknj.us
- Councilwoman Terrie Sheridan
DPW Liason
tsheridan@elmwoodparknj.us
- Councilman Eric Saimson
esaimson@elmwoodparknj.us
- Wendy Simone
Water Superintendent
wsimone@pvwc.com
- Charlie Poyssick
Chemist
cpoyssick@pvwc.com
- Robert DeBlock
EP Licensed Water Operator
rdeblock@deblock.org
- Michael Foligno
Borough Administrator &
Chief of Police
mfoligno@elmwoodparknj.us
201-796-1457 Ext: 1001
- David Hayes
DPW Department Head
dhayes@elmwoodparknj.us
201-796-1457 Ext: 3002
- Michael Mcilwrath
DPW Superintendent
mmcilwrath@elmwoodparknj.us
201-796-1457 Ext: 3001
- Water Issues or Complaints
epwaterissues@elmwoodparknj.us

Sources of Elmwood Park Water

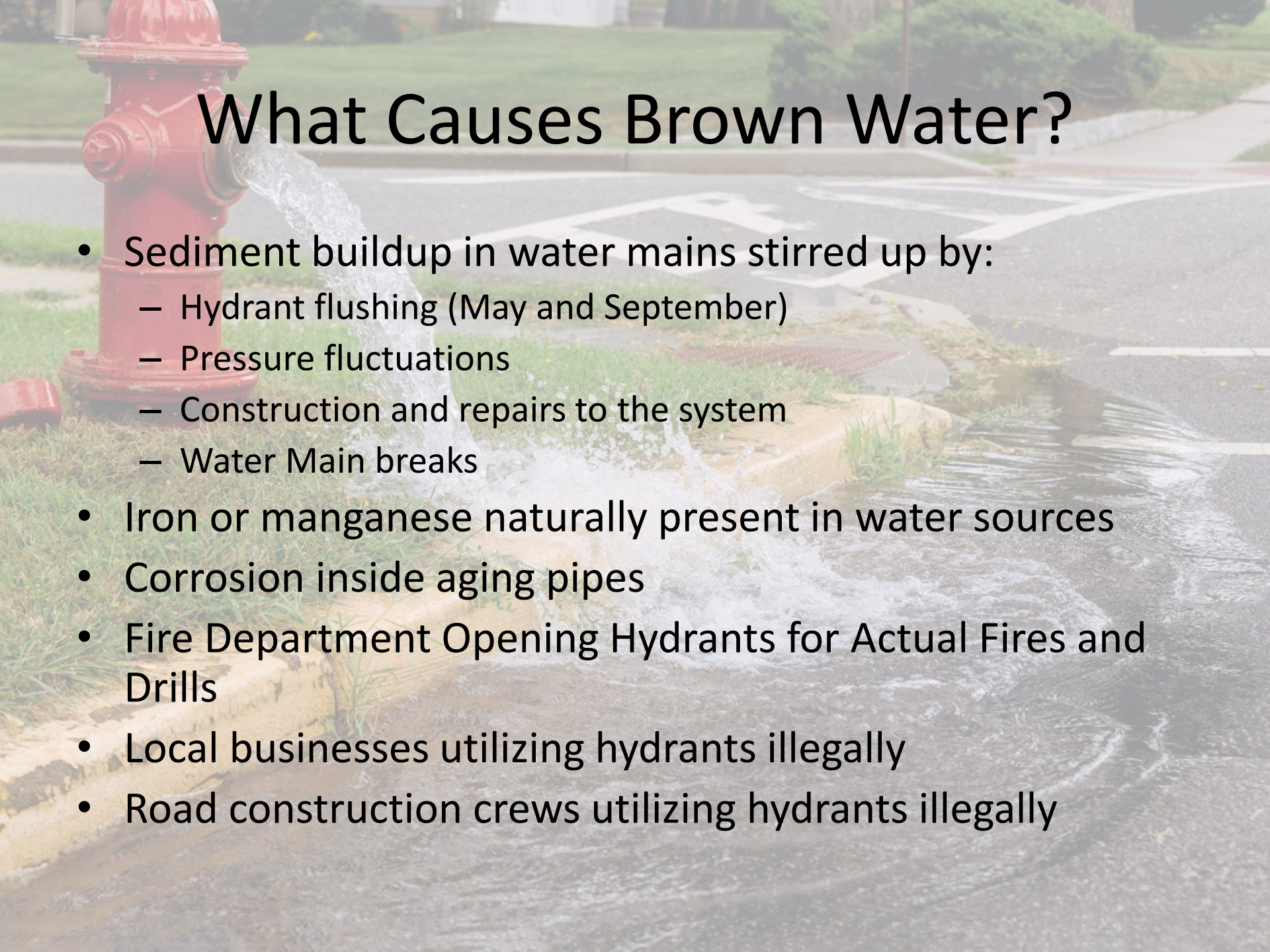
- The Borough of Elmwood Park receives its water supply from the Passaic Valley Water Commission, (PVWC).
- The PVWC supplies finished water at various points of entry into the Elmwood Park Water Distribution System.
- Elmwood Park Water is a “Bulk Purchaser – Consecutive Water System” and does not provide any water treatment but simply distributes water received from the PVWC.

How Our Water is Tested and Monitored

- Elmwood Park monitors water quality in conformance with both the requirements of the Safe Drinking Water Act, (Federal Standard) and the NJ Safe Drinking Water Regulations Standards.
- Elmwood Park conducts routine testing for Total Coliform Bacteria, Iron and Manganese, Lead & Copper and Disinfection By Products.
- State-mandated sampling schedules require monthly, quarterly, or annual monitoring depending upon the parameter.
- All water testing for regulatory purposes is conducted by laboratories that are certified by the NJDEP.
- There are Continuous monitoring of chlorine Levels and pH Levels
- Additional water testing may be conducted following water main breaks or unusual operating conditions.
- In conformance with Federal Regulations, Annual “Consumer Confidence Reports” are prepared and distributed to all Elmwood Park Water customers and are also posted publicly in the Borough Hall and the public Library and are also posted on the Borough’s website at www.elmwoodparknj.us

Recent Events in Elmwood Park

- In Early July the Borough began experiencing pressure fluctuations from the PVWC Botany Pump Station
- In Mid-July, pressure fluctuations caused water main breaks in the Borough's central & northern areas of town
- Increased monitoring of pressure fluctuations began as a result
- In late July pressure drops and extreme spikes resulted in several more water main breaks in the Borough's central & northern areas
- Valve repairs were performed and completed, fluctuations in pressure during repairs caused discoloration (Brown Water)
- At the End of July, a water main break on the Garfield/Lodi border caused discoloration (Brown Water) in the Borough
- In the Beginning of August, a 30 inch main break in Paterson that feeds 4 mains to the Rosemont section of town caused discoloration (Brown Water)
- On August 11th, the Birchwood section experienced discoloration (Brown Water) caused by a contractor opening hydrant on Route 46 who was conducting work at a nearby business.

A red fire hydrant is shown on the left side of the image, with a stream of water spraying out from its side onto a paved street. The water is white and frothy, suggesting it might be stirred sediment. The background shows a street with white crosswalk lines and some greenery.

What Causes Brown Water?

- Sediment buildup in water mains stirred up by:
 - Hydrant flushing (May and September)
 - Pressure fluctuations
 - Construction and repairs to the system
 - Water Main breaks
- Iron or manganese naturally present in water sources
- Corrosion inside aging pipes
- Fire Department Opening Hydrants for Actual Fires and Drills
- Local businesses utilizing hydrants illegally
- Road construction crews utilizing hydrants illegally

EP Hydrant Flushing

PUBLIC NOTICE
BOROUGH OF ELMWOOD PARK
WATER DEPARTMENT

ATTENTION: Residents of Elmwood Park

Please be advised that the Borough of Elmwood Park Water Department will begin a hydrant - flushing program on September 08, 2025. This program is part of an ongoing maintenance program to insure the delivery of the highest quality water. This work will be performed during regular working hours of 9:00 a.m. to 3:30 p.m. Monday through Friday.

The flushing program will last for a period of approximately 12 days according to the attached schedule. Your water service will not be interrupted. During these times residents may experience some discoloration of their water. This is expected and a normal occurrence when existing water mains are disturbed. If you experience this, caution should be used in washing white clothes; however, the discoloration poses no health hazard and the water is safe for consumption. Just allow the water to run from your cold water tap until it clears. If you have any questions regarding this program, call (201) 796-1457 ext. 3000 during normal working hours. The Borough apologizes for any inconvenience during this time and requests your cooperation. You may experience discolored water during any of the 12 flushing days/and or all of the 12 flushing days. This list acts as a guide where you might be directly affected.

EP Hydrant Flushing Schedule

SEPT 08 TH	WILLOW STREET TO ROUTE 4, FLORENCE PLACE TO RIVER DRIVE
SEPT 09 TH	ROUTE 4 TO ACKERMAN AVE, RIVER DRIVE TO MOLA BOULEVARD
SEPT 10 TH	ROUTE 4 TO 18 TH AVE, MOLA BOULEVARD TO EAST 55 TH STREET
SEPT 11 TH	HAMILTON AVE TO FALMOUTH AVE (INCLUDING LEILARTS LANE) MOLA BOULEVARD TO CONRAIL RAILROAD
SEPT 12 TH	LINCOLN AVE TO MILLER AVE (WEST OF MOLA BOULEVARD) RIVER DRIVE TO MOLA BOULEVARD
SEPT 15 TH	LEE STREET TO LINDEN AVE, (WEST OF MOLA BOULEVARD) RIVER DRIVE TO MOLA BOULEVARD
SEPT 16 TH	SPRUCE STREET & EAST PHILIP AVE TO MOLNAR DRIVE MOLA BOULEVARD TO CONRAIL RAILROAD
SEPT 17 TH	CHAMBERLAIN AVE TO HOMESTEAD ROAD, VAN RIPER AVE TO MARKET (WEST OF MOLA BOULEVARD) RIVER ROAD TO MOLA BOULEVARD
SEPT 18 ST	MARKET STREET TO ROUTE 46, GARDEN STATE PARKWAY RIVER DRIVE TO MOLA BOULEVARD (BIRCHWOOD SECTION)
SEPT 19 TH	RIVER DRIVE TO RAILROAD, ROUTE 46 TO KIPP AVE (WEST OF MOLA BOULEVARD)
SEPT 22 ND	VAN RIPER AVE (EAST OF MOLA BOULEVARD) TO DYE AVE GARDEN STATE PKWY TO RAILROAD
SEPT 23 RD	MARKET STREET TO ROUTE 46 (EAST OF MOLA BOULEVARD) CARUTH AVE TO MIDLAND AVE (CHERRY HILL SECTION)

Automatic Flushers

Automatic hydrant flushers help maintain water quality by removing sediment and sustaining proper chlorine levels, while using less water than manual flushing. Their programmable settings for time, duration, and flow rate reduce the need for labor-intensive manual work, lowering costs and improving safety by minimizing the time crews spend in the street.

What Potentially Causes Odors in Water?

- Chlorine smell from disinfection process
- Earthy or musty odors from algae or organic material in the source water
- MIB & Geosmin (produced by algae) and not harmful to humans.

Borough Actions

- Continually investigating the availability of grants to assist with water main replacement (ongoing, none currently available as of 8/18/2025) according to our grant research professionals.
- Daily Inspections:
 - Well Field (Gilbert Ave) is monitored daily and connected to a central station alarm.
 - PRV (Kipp Ave) is monitored daily. Valve adjustments are made as needed and annual valve maintenance is performed.
- Twice a year:
 - Hydrants are flushed in May and September.

Borough Actions Continued

- Quarterly:
 - Deblock Environmental handles our quarterly testing. We distribute and collect 60 water samples per quarter for Deblock to process at the lab.
- Annual:
 - Deblock Environmental handles our annual water testing & prepares the water quality report.
- Misc:
 - Water main breaks are repaired as they occur, and we schedule shut-offs for residents as needed to accommodate in home repairs.
- Flow Tests on hydrants are scheduled by the fire department as requested.

PVWC Information

- Elmwood Park receives water from the Passaic Valley Water Commission (PVWC), which serves over 800,000 residents in northern New Jersey.
- Boil-water advisories can be issued when water quality may be temporarily compromised; Elmwood Park residents should follow all advisories promptly.
- PVWC operates the Alan C. Levine Little Falls Water Treatment Plant, supplying treated water blended from multiple sources to ensure reliability.
- Ongoing system upgrades and routine monitoring help maintain water quality and prevent disruptions in Elmwood Park.



Passaic Valley Water Commission

Wendy Simone - Water Superintendent

Charlie Poyssick - Chemist 3



PASSAIC VALLEY WATER COMMISSION

- PVWC was the first filtered public water supply in the U.S., and the second to chlorinate (1909)
- Public agency owned by the cities of Paterson, Passaic, and Clifton
- Governed by (7) Board of Commissioners
- Little Falls Water Treatment Plant (main source water is the Passaic River)
 - LFWTP distributes water up to 75 mgd
 - NJDWSC water ~38 mgd average
 - Mixed Supply (**Blend of PVWC & Wanaque**)
- Water reaches over 750,000 people in over 45 communities, over 20 wholesale customers
 - Elmwood Park: Wholesale customer

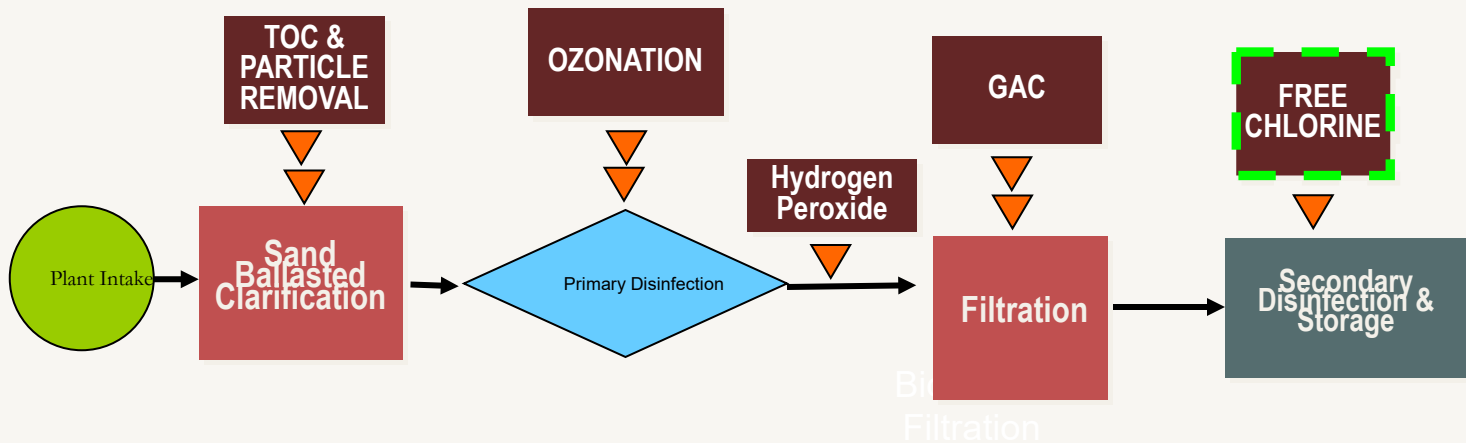
Little Falls Water Treatment Plant

To ensure our water is safe we optimize these 4 processes:

Removal of Pathogen Microorganisms

1. **Coagulation/Sedimentation** (particle removal) – Actiflo Process
2. **Ozonation** (primary chemical disinfection) – Ozone Process
3. **Filtration** (particle removal) – 24 Filters
4. **Chlorination** (chemical disinfection, maintains a residual throughout distribution system)

PVWC Basic Treatment Process



Treatment Process

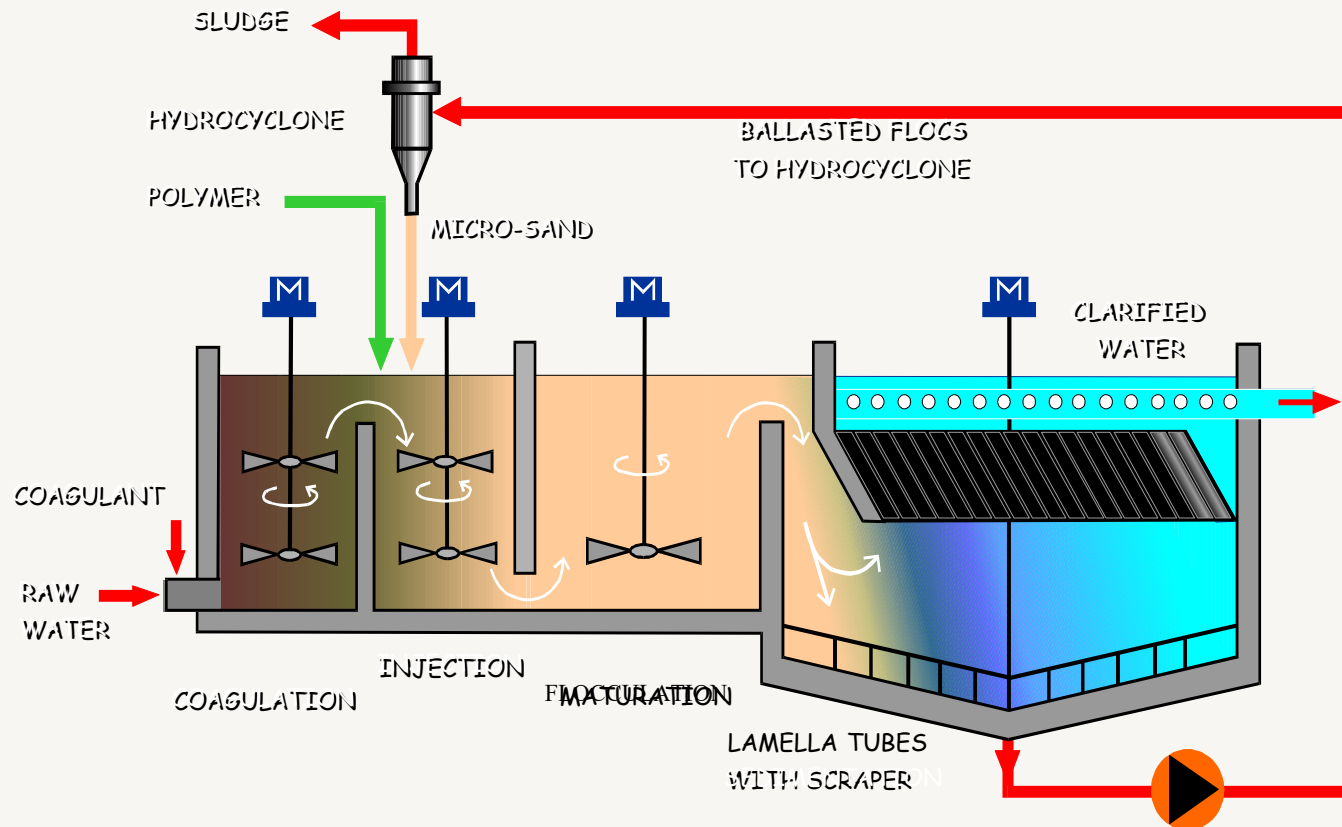
Sand-ballasted Clarification
Ozonation
Filtration
Free Chlorine

Impact

Particle and Organic Removal
Primary Disinfection
Particle and Organic Removal
Secondary Disinfectant-Distribution



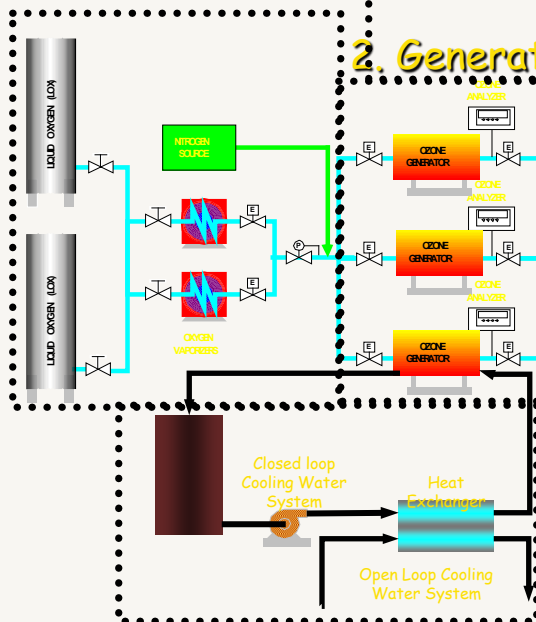
Ballasted Flocculation Process Schematic



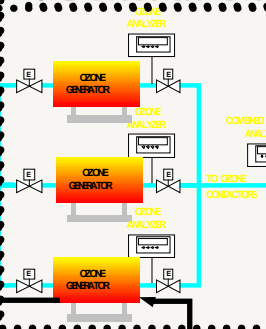


Ozone System

1. Feed gas preparation



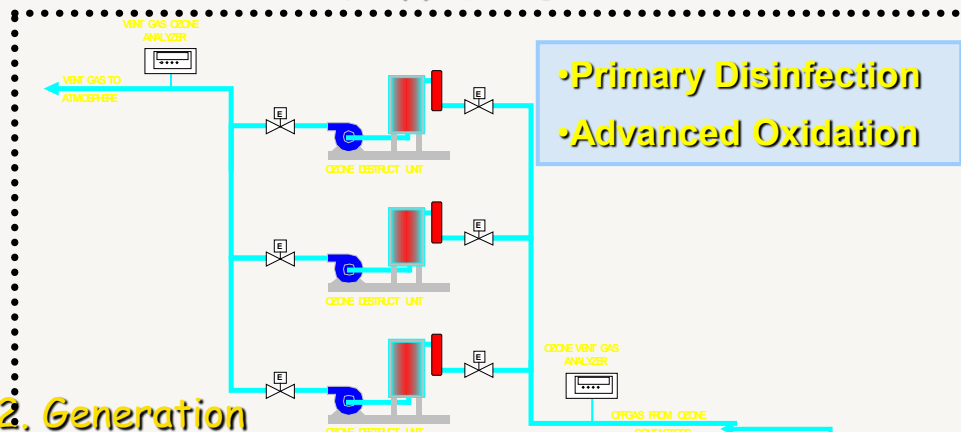
2. Generation



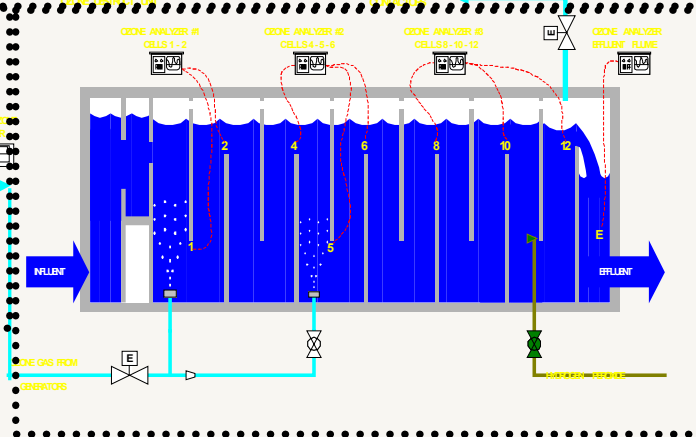
3. Heat Removal



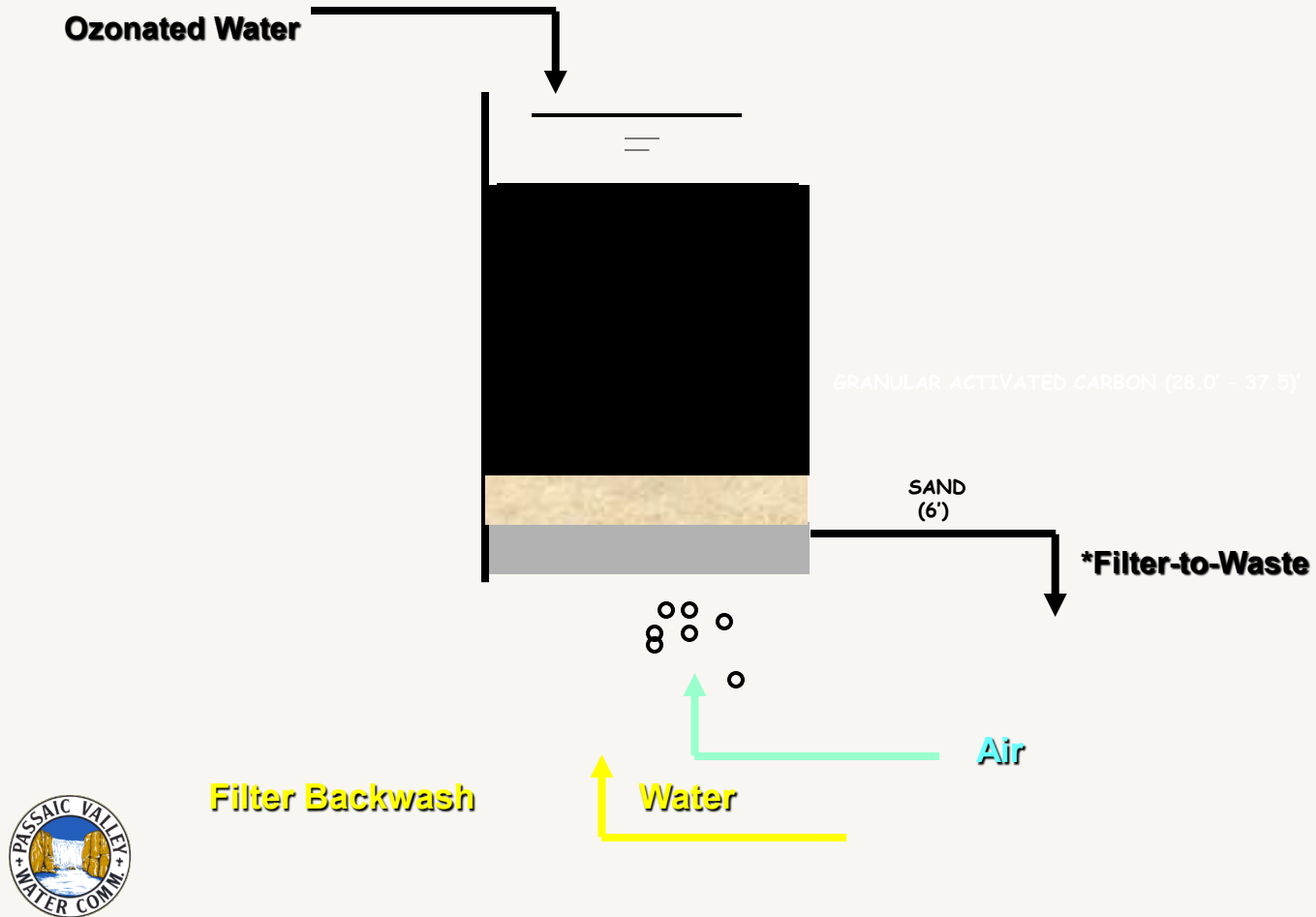
5. Off-Gas Destruction



4. Reaction



Filtration Process



Passaic Valley Water Commission Is Our Water Safe to Drink?

To ensure our water is safe:

NJDEP certified lab that conducts water analysis to satisfy all regulatory requirements. Weekly, Monthly, Quarterly, Annual testing for the following parameters:

Microbiology, DPBs, general chemistry, metals, inorganics and Taste and Odor compounds

PVWC provides lab services for our water systems throughout our area.

Sample collectors collect everyday throughout our distribution system.

Lab supports plant operations by conducting process control sampling and analysis.

Lab Technicians are responsible for the calibration & maintenance of water quality monitoring instrumentation used in the treatment plant.



Passaic Valley Water Commission

Consumer Confidence Reports (CCR) are mailed and posted on PVWC website annually. Key pts water quality information prior year.

Updates are posted on PVWCs website such as:

- hydrant flushing
- system upgrades



PVWC Contact Information

- Passaic Valley Water Commission
800 Union Blvd
Totowa, NJ
customerservice@pvwc.com
973-340-4300
- Wendy Simone
Water Superintendent
wsimone@pvwc.com

Elmwood Park Contact Information

- Council President Lorraine Pellegrine
lpellegrine@elmwoodparknj.us
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dhayes@elmwoodparknj.us
201-796-1457 Ext: 3002
- Michael Mcilwrath
DPW Superintendent
mmcilwrath@elmwoodparknj.us
201-796-1457 Ext: 3001

Q & A

Water Issues and Complaints

- epwaterissues@elmwoodparknj.us
- During **regular business hours**:
Monday through Friday, 7:00 am – 3:00 pm
Elmwood Park Department of Public Works
201-796-1457 Ext: 3000
- For after hours **emergencies** contact:
Elmwood Park Police Dispatch
201-796-0700 and press option 1