



***Hamtramck Fire Department &  
Department of Public Services***



## **2022 HYDRANT TESTING**

### **1. Zone 1**

- **Caniff to Carpenter**
- **Jos Campau to West City Limits**

### **2. Zone 2**

- **Holbrook to Caniff**
- **Jos Campau to West City Limits**

### **3. Zone 3**

- **South City Limits to Holbrook**
- **Jos Campau to West City Limits**

### **4. Zone 4**

- **Caniff to Carpenter**
- **Jos Campau to East City Limits**

### **5. Zone 5**

- **Holbrook to Caniff**
- **Jos Campau to East City Limits**

### **6. Zone 6**

- **South City Limits to Holbrook**
- **Jos Campau to East City Limits**

*Lt. Joe Lafever*

Hydrant Officer

*Bill Diamond*

Director of Public Services



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### ***What is water main flushing?***

- Water main flushing moves water systematically through sections of a drinking water distribution system, creating a scouring action to clean the line. The increased flow rate scours the water pipe's inner walls and helps to remove build-up of naturally occurring debris and sediment. The water is discharged through select fire hydrants onto local roads or other surface areas.
- The process is critical to the overall maintenance of a distribution system and is one of the most important practices carried out by public drinking water systems to maintain high water quality, improve the carrying capacity of pipes, and ensure proper operation of distribution system components, such as hydrants and valves.
- Flushing the water main lines also ensures that fire hydrants are operational and allows the operator to assess the available water pressure and flow rate for firefighting purposes.

### ***Why is a flushing program important?***

- Removes sediment- Loose sediment and other deposits may slowly build up on the inside of the water mains over time causing discolored water. Flushing at the appropriate velocities can remove these sediments and deposits and will improve taste, odor and color that may be problematic e.g. naturally occurring iron or manganese deposits in the distribution system may affect color.
- Maintains proper distribution system operation- Flushing requires the opening and closing of hydrants and valves to ensure that water moves through pipe segments for effective cleaning. This operational practice also provides water operators with the opportunity to identify broken or inoperable valves and hydrants which is important to ensure that they will work properly in an emergency.

*Lt. Joe Lafever*

Hydrant Officer

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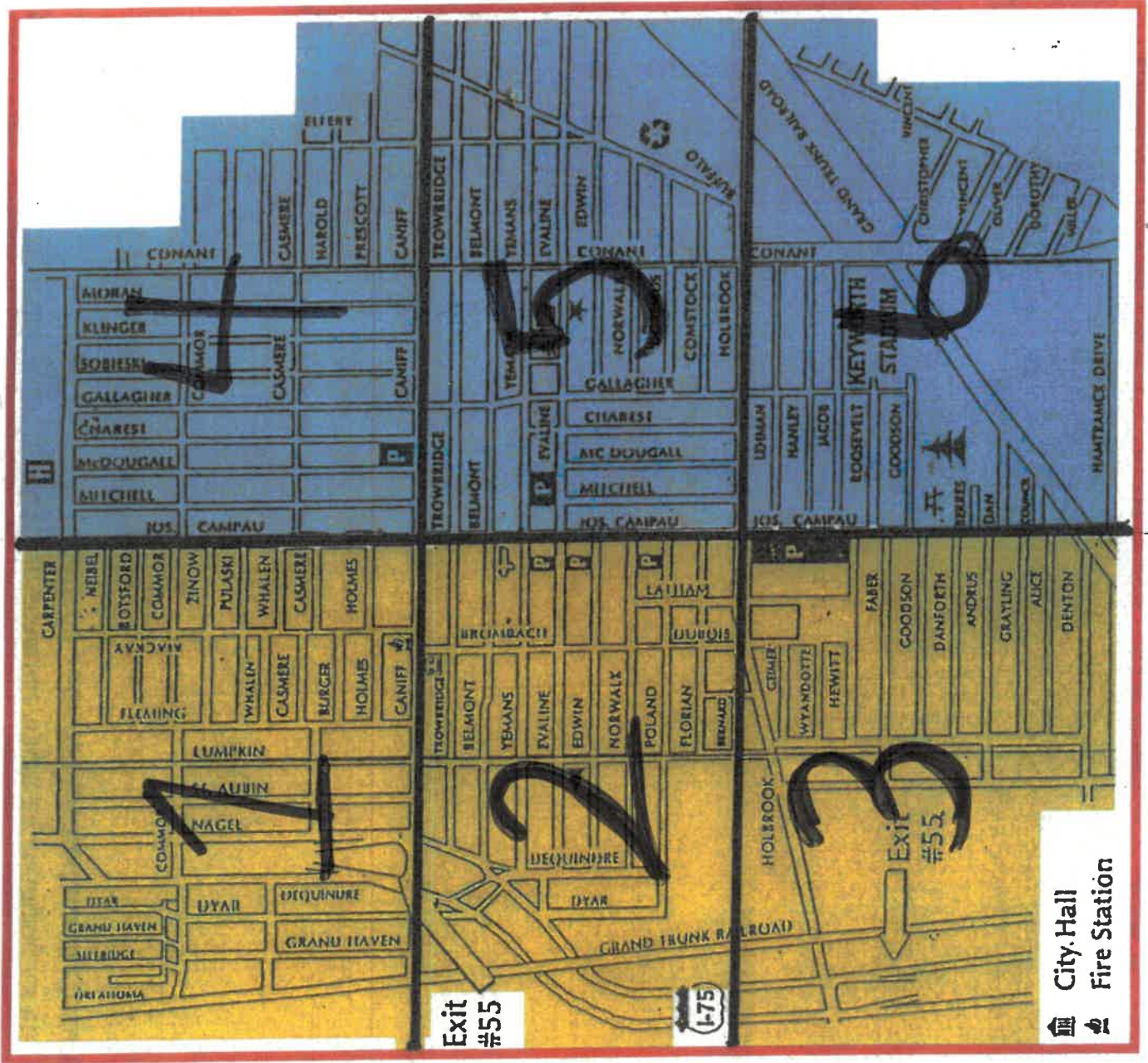
Director of Public Services

4

5

E

6



1

2

W

3

Exit #55



Exit #55

 City Hall  
 Fire Station