



# SOUTH LYON FIRE DEPARTMENT

## Manual of Procedures 124

### HYDRANTS

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#### I. PURPOSE

Provide guidance to SLFD staff for hydrant, inspections, usage, and notification.

#### II. PUMPING OUT

All hydrants shall be pumped out after each use.

#### III. NOTIFICATION

Whenever a hydrant is used, the South Lyon Water Department shall be notified.

- a. Call the South Lyon Water Department (248)437-4006 to notify them of the use. For after-hours notification, it is acceptable to leave a voicemail.
- b. This notification is not necessary for the hydrant across from the fire station or at the Waste Water Treatment Plant.

#### IV. BROKEN HYDRANT

If a hydrant is in need of repair, follow the below process.

- A. Bag the hydrant with an orange "Not in Service" bag if the hydrant is not usable.
- B. Call the South Lyon DPW, email DPW contact to notify them of the issue. A follow-up phone call should be made during normal business hours to 248-437-6914
- C. For urgent issues e.g. hydrant will not shut-off, contact the South Lyon Water Department on-call person (248)467-0937.
- D. A repair needs to be added into Clemis and the hydrant needs to be updated with functional status. The report needs to then be emailed to DPW.

#### VI. INSPECTIONS

When conducting hydrant inspections, please follow the below process.

If flushing hydrants, contact the South Lyon Water Department, (248) 437-4006 to notify them of the area you will be working in.

- a. Place the yellow "Hydrant Flushing Today" signs in the area you will be working in.
- b. Place extra sign on the ground to protect the landscaping (see picture on next page). Slowly open the hydrant to the flow shown below. Let the hydrant flow until you see clear water, continue to flow an additional 3-5 minutes. Close the hydrant and pump it out.
- c. Place Hydra-eze on all threads and replace the caps hand tight.
- d. Use the red spray cans when painting. Use caution to avoid overspray on nearby vehicles.
- e. Complete the hydrant check in Clemis, along with winterization.



(left) Place sign under water flow to deflect water, so it does not create a hole in the soil. Flow hydrant at flow shown above until clear water is clear. Once water is clear, flow clear water for another five minutes.



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### **V. HYDRANT FILL SITES**

For the safety of firefighters and to avoid traffic congestion, tanker fill sites shall not be established on busy surface streets.

- A. A mutual aid fire department using the City of South Lyon municipal water system shall request the South Lyon Fire Department to be dispatched to establish a fill location.
- B. SLFD shall communicate to the mutual aid fire department where the fill site will be located.
- C. An Engine shall respond emergency traffic with a maximum crew size of four (4) personnel.
- D. The Engine shall place gate valves on each hydrant discharge and use its hose to facilitate tanker filling. The gate valves, not the hydrant stem, will be used to control the flow to supply lines. A properly set-up hydrant can fill two tankers simultaneously. If a second hydrant is needed, a second engine will respond and apply its gate valves to the second hydrant location.
- E. Coverage of incidents in the City of South Lyon is the primary responsibility of the SLFD. If there is not a stand-by crew remaining at the station and an additional incident is received, the water fill engine shall leave its appliances and hose at the tanker fill location and cover the incident.

### **VI. FILL SITES**

- A. The company officer shall determine the most appropriate fill site for the dispatched incident. Many times, the requesting department will have already identified the hydrant that makes the most sense based on the location of the incident, the amount of traffic and emergency vehicle accessibility. This information shall be relayed to the incident commander for the established water fill site. A talk group should also be established to coordinate with the responding takers. For departments outside of Oakland County, a patch should be utilized following SLFD established procedure for setting up a patch.