

Marathon Petroleum Company LP		
Non-Emergency Use of Fire Water System	Document No.: RSW-SAF-003-DT	Approval Date: 9-30-16
	Revision No.: 8	Next Revision Date: 09-30-21
	Document Custodian: Environmental, Safety and Security	
		Page 1 of 2

1.0 PURPOSE

This procedure sets forth the requirements for using the Marathon Petroleum Company LP (MPC) Michigan Refining Division fire water system during non-emergency activities.

2.0 SCOPE

This procedure applies to all MPC employees and contractors when using the fire water system during non-emergency activities.

3.0 PROCEDURE

- 3.1 Fire fighting equipment must not be used without prior approval from the Safety Department. The exceptions to this are: using a fire hydrant and the make-up water the refinery cooling towers and other process equipment that are shown on the P&ID's. MOC must be initiated by Owning Department.
- 3.2 Firewater usage will be coordinated through the applicable operations control room. Routine inspection of fire fighting equipment such as flushing hydrants and monitors does not require prior permission.
- 3.3 Routine testing of the fixed fire protection systems in the refinery must be coordinated through the Safety Department and the Owning Department.
- 3.4 All non-emergency use of the fire water system will be discontinued immediately when the fire siren sounds. The person using the firewater is responsible for terminating its usage until an "All Clear" is given.
- 3.5 Hose couplings, nozzles, adapters, connections attached to fire water hydrants must have Detroit fire threads. As a general rule the Safety Department will not provide this equipment
- 3.6 When connecting water hoses from hydrants to refinery process unit equipment, tanks or any other equipment, two separate and distinct check valves shall be installed between the water hose and the equipment involved. Check valves shall be placed at the process equipment.
- 3.7 All connections, adapters, hose, etc. will be provided by the using department or contractor performing the work. The Safety Department will not provide this equipment, unless by exception. All connections must be removed immediately after use.
- 3.8 Hydrants must be fully opened and closed by using only an appropriate "hydrant" wrench. Hydrants must be operated only in the fully opened position to prevent damage to the unit. NOTE: The hydrant valve must not be used to regulate water flow. When the use of a hydrant is complete, the hydrant must be fully closed. All connections need to be removed and the outlet caps replaced. If a hydrant is inoperable or damaged it must be reported to the applicable Operations Foreman immediately. The Operations Foreman will write a work order to correct the problem.
- 3.9 During the cold weather months, fire hydrants must be kept pumped out when not in use or they may freeze. During the time period between October 15th and April 30th, it is the responsibility of the user to have the hydrant winterized. If the hydrant cannot be winterized, the Operations Foreman must be notified and arrangements made to have the hydrant winterized

3.10 Hoses of any type are not to be attached to the discharge end of a firewater monitor. The swivel joints are not designed to support the additional weight of the hose and water. Firewater monitors are not to be used for area wash down, except in case of emergency. Water spray deluge and sprinkler protection systems must not be used for non-emergency purposes.

4.0 DEFINITIONS

There are no additional definitions relevant to this Document Control Procedure.

5.0 REFERENCES

None

6.0 ATTACHMENTS

There are no attachments relevant to this Document Control Procedure.

7.0 REVISION HISTORY

Revision number	Description of change	Written by	Checked by	Effective date
3	Updated Revision History	E. Dvorak	L. Mazur	01/13/10
4	Review, some minor changes	J. Weaks	L. Mazur	09/24/10
5	Scheduled review minor format changes	G. Zalucki	S. Windom	09/30/13
6	Corrected header per RGD-1051-DT and date in footer	P. Balistreri	J. Rabideau	10/30/15
7	Scheduled Review – No Changes	B. Hunter	J. Rabideau	9/30/2016