

MASON ROAD DRAFTING LOCATION TASKS FOR TANKER FILL

Step	After	Personnel	Pre-setup tasks done at attack location
1		D514B	<ul style="list-style-type: none"> <li>▪ Loosen front suction hose connections – BOTH SIDES</li> <li>▪ Move 5" short hose from officer side MIV to 3" discharge (3" cap can go on MIV)</li> <li>▪ Connect 5" gated wye to 5" hose in officer side belly compartment.</li> <li>▪ Remove Siamese, double male and hydrant set from 3" hose in rear hose bed. Install quick connect from driver's compartment.</li> <li>▪ Change floating strainer configuration to one for deep-water drafting.</li> </ul>

Step	After	Personnel	Draft site tasks
1		D514	<ul style="list-style-type: none"> <li>▪ Enter draft location; pull to the right, and backup parallel to the shore, about 5' from the waters edge, until the officer side pump panel is centered with the center of the site entrance.</li> </ul>
2	1	D514	<ul style="list-style-type: none"> <li>▪ Set parking brake.</li> </ul>
3	2	D514	<ul style="list-style-type: none"> <li>▪ Set wheel chocks. Remove steamer cap. Get floating strainer out and positioned for connecting to hose. Release straps on driver's side hard suction.</li> </ul>
4	2	O514	<ul style="list-style-type: none"> <li>▪ Pull preconnected short 5" hose and gated wye from driver's side belly compartment towards road.</li> <li>▪ Make sure gate valves are closed</li> </ul>
5	2	D514B	<ul style="list-style-type: none"> <li>▪ Lower ladder rack. Undo hard suction hose straps.</li> </ul>
6	4	O514 & D514B	<ul style="list-style-type: none"> <li>▪ Carry hard suction hose to driver's side with female connection facing forward.</li> </ul>
7	6	D514 & D514B	<ul style="list-style-type: none"> <li>▪ Remove 10' hard suction from driver's side. Connect both 10' hard suction hoses. Float strainer in water with suction side UP. Once strainer is in deep water, twist hose clockwise flipping strainer.</li> </ul>
8	6	O514	<ul style="list-style-type: none"> <li>▪ Remove 5' hard suction from front. Connect to driver's side intake. DO NOT TIGHTEN.</li> </ul>
9	7	D514 & D514B	<ul style="list-style-type: none"> <li>▪ Connect two 10' hard suction sections to 5' section on engine.</li> </ul>
10	9	D514B	<ul style="list-style-type: none"> <li>▪ Make sure hard suction is heading straight out (not in S pattern along shore).</li> </ul>
11	8	O514	<ul style="list-style-type: none"> <li>▪ If tanker has arrived, connect to tanker and open valves</li> <li>▪ Connect second fill line.</li> </ul>
12	9	D514B	<ul style="list-style-type: none"> <li>▪ Complete second fill line connection.</li> </ul>

13	9	D514	<ul style="list-style-type: none"> <li>▪ Complete tightening of hard suction couplings. Prime pump. Charge fill-line. When not filling tankers, fill booster tank. BE SURE WATER IS FLOWING THROUGH THE PUMP AT <b><u>ALL</u></b> TIMES. May use small cooling/recirculate line if desired. SET RELIEF VALVE!</li> </ul>
14	12	D514B	<ul style="list-style-type: none"> <li>▪ Remove any kinks.</li> </ul>
15	13	D514 *ONGOING*	<ul style="list-style-type: none"> <li>▪ Fill tankers using a discharge pressure of 120 psi,</li> </ul>
16	11	O514 *ONGOING*	<ul style="list-style-type: none"> <li>▪ Direct tanker positioning at fill site. Open gated wye as soon as the line is connected to the tanker. Open second line when that one is connected. Close second line as soon as tanker water gauge shows full. Close first line as soon as tanker overflows.</li> <li>▪ SHOULD HAVE LIST IN ADVANCE SHOWING: <ul style="list-style-type: none"> <li>○ Connections to be used and valve settings</li> <li>○ Expected fill time</li> </ul> </li> </ul>
17	12	D514B *ONGOING*	<ul style="list-style-type: none"> <li>▪ Connect first line to tanker direct fill. Open tanker direct fill valve. Let O514 know to start fill.</li> <li>▪ Connect second line to second direct fill, if present, otherwise to pump intake. Make sure pump intake and tank fill are opened.</li> <li>▪ As soon as fill light comes on, close second fill line valve and disconnect as soon as O514 indicates his valve is closed.</li> <li>▪ As soon as tank overflows, close first fill line valve and disconnect as soon as O514 indicates his valve is closed.</li> </ul> <p>DO NOT DISCONNECT LINES UNDER PRESSURE.</p>

**OBJECTIVES:**

1. Setup time (200' out to discharge pressurized) should be under 7 minutes.
2. Tank fill times should generally be under 70 seconds (ideal timing have been under 1 minute) when using two direct fill lines. When using one direct fill line plus one pump intake line and pump is engaged, tank fill times should generally be less than 80 seconds. Both of these times are based on tankers of 1500 gal capacity or less.

**Mason Road Draft Location Considerations:**

- Limited parking for additional vehicles
- Mud: Truck clean up will be needed. Wear boots.
- Pine straw and leaves – may affect pump capacity, operator must avoid/handle
- The drop off to deep water starts about 10' out. Be sure to use enough hard suction.
- Fill is on active street. Be sure to wear traffic vest.