

Project Name **Tentative Tract Map 12345**
ESTIMATED RANGE OF SERVICE PRESSURES, IN THE POTABLE WATER SYSTEM
 EMWD's DC Work Order: **WO #** EMWD's Reference Number: **WS PPI #**

Intended use: 1- Issuance of EMWD's Low/High Service Pressure Notices
 2- Available pressure (in the Main) for Residential Fire Sprinkler Systems

Information Derived from Hydraulic Boundary Conditions

EMWD's Reference Data:

	Elevation (ft)	Min Pressure (psi)	HGL (ft)	Max Pressure (psi)	HGL (ft)
POC-1	1,349.0	107.0	1597.0	120.0	1625.0
POC-2	1,344.0	109.0	1625.0	122.0	1625.0
POC-3					
POC-4					

Location(s): (1) 410 ft east of Intersection of Leon and Makila Streets
 (2) Clinton Keith Road

Pressure Zone HWL: 1627 (nominal)

Date provided by EMWD: Date Provided By (Name & Initials): Rudy Esparza

NOTE 1: The project's Engineer of Record shall prepare the table below, based on reference data (above) from EMWD's water system computer model, at the referenced Point(s) Of Connection (POC)

Note 2: Prior to EMWD's final plan approval, and prior to evaluating service pressure conditions, the Engineer of Record shall verify that EMWD's reference data (above) is still current, and shall update the table below accordingly, when necessary.


Detailed Min & Max Service Pressures Table
 (Note: provide a companion map, identifying lot locations)

Lot Number	Street Elevation at the Main (ft)	Min Pressure (psi)	HGL (ft)	Max Pressure (psi)	HGL (ft)
Tract 37294					
1	1,339.80	111.34	1,597.00	123.46	1,625.00
2	1,341.40	110.65	1,597.00	122.77	1,625.00
3	1,342.10	110.35	1,597.00	122.47	1,625.00
4	1,342.40	110.22	1,597.00	122.34	1,625.00
5	1,342.70	110.09	1,597.00	122.21	1,625.00
6	1,342.90	110.00	1,597.00	122.12	1,625.00
7	1,343.20	109.87	1,597.00	121.99	1,625.00
8	1,343.40	109.78	1,597.00	121.90	1,625.00
9	1,343.40	109.78	1,597.00	121.90	1,625.00
10	1,343.20	109.87	1,597.00	121.99	1,625.00
11	1,343.00	109.96	1,597.00	122.08	1,625.00
12	1,342.70	110.09	1,597.00	122.21	1,625.00
13	1,342.40	110.22	1,597.00	122.34	1,625.00
14	1,342.20	110.30	1,597.00	122.42	1,625.00
15	1,341.90	110.43	1,597.00	122.55	1,625.00
16	1,341.50	110.61	1,597.00	122.73	1,625.00
17	1,340.80	110.91	1,597.00	123.03	1,625.00
18	1,340.40	111.08	1,597.00	123.20	1,625.00
19	1,340.90	110.87	1,597.00	122.99	1,625.00
20	1,341.40	110.65	1,597.00	122.77	1,625.00
21	1,342.60	110.13	1,597.00	122.25	1,625.00
22	1,343.30	109.83	1,597.00	121.95	1,625.00
23	1,343.60	109.70	1,597.00	121.82	1,625.00
24	1,344.00	109.52	1,597.00	121.65	1,625.00
25	1,344.20	109.44	1,597.00	121.56	1,625.00

Highlight and Identify and High pressures below EMWD standards, some may require high pressure notices

Highlight and Identify and Low pressures below EMWD standards, some may require low pressure notices

26	1,344.50	109.31	1,597.00	121.43	1,625.00
27	1,344.70	109.22	1,597.00	121.34	1,625.00
28	1,345.00	109.09	1,597.00	121.21	1,625.00
29	1,345.20	109.00	1,597.00	121.13	1,625.00
30	1,345.50	108.87	1,597.00	121.00	1,625.00
31	1,345.70	108.79	1,597.00	120.91	1,625.00
32	1,345.90	108.70	1,597.00	120.82	1,625.00
33	1,345.90	108.70	1,597.00	120.82	1,625.00
34	1,345.70	108.79	1,597.00	120.91	1,625.00
35	1,345.50	108.87	1,597.00	121.00	1,625.00
36	1,345.20	109.00	1,597.00	121.13	1,625.00
37	1,345.00	109.09	1,597.00	121.21	1,625.00
38	1,344.70	109.22	1,597.00	121.34	1,625.00
39	1,344.00	109.52	1,597.00	121.65	1,625.00
40	1,343.80	109.61	1,597.00	121.73	1,625.00
41	1,343.60	109.70	1,597.00	121.82	1,625.00
42	1,343.40	109.78	1,597.00	121.90	1,625.00
43	1,343.10	109.91	1,597.00	122.03	1,625.00
44	1,342.90	110.00	1,597.00	122.12	1,625.00
45	1,342.60	110.13	1,597.00	122.25	1,625.00
46	1,340.40	111.08	1,597.00	123.20	1,625.00
47	1,340.90	110.87	1,597.00	122.99	1,625.00
48	1,340.90	110.87	1,597.00	122.99	1,625.00

<p>Prepared By:</p> <p>ABC Engineering Consultants</p>	 <p>Signature of P.E. Engineer</p>
<p>Sign and Seal of Engineer Of Record</p>	

Must be stamped and signed by a professional engineer with a P.E. License