

Board Action Request

SUBJECT: 2020 ISO Classification

DATE: June 24, 2020

FROM: Cheryl Horvath, Fire Chief

Background:

Tubac Fire District recently completed the Insurances Services Organization (ISO) survey and the District has been moved to a higher classification, 4/4X. The chart below indicates the areas of improvement:

TFD ISO Rating Improvement				
Fire Suppression Rating Schedule Item	2014 Rating	2020 Rating	Change	Credit Available
Emergency Reporting (10% of Total Classification)				
Credit for Emergency Reporting	1.50	3.00	1.50	3.00
Credit for Telecommunicators	2.60	3.60	1.00	4.00
Credit for Dispatch Circuits	1.20	2.10	0.90	3.00
Credit for Receiving and Handling Fire Alarms	5.30	8.70	3.40	10.00
Fire Department (50% of Total Classification)				
Credit for Engine Companies	5.76	5.76	0.00	6.00
Credit for Reserve Pumpers	0.00	0.48	0.48	0.50
Credit for Pumper Capacity	3.00	3.00	0.00	3.00
Credit for Ladder Service	0.83	0.83	0.00	4.00
Credit for Reserve Ladder and Service Trucks	0.00	0.00	0.00	0.50
Credit for Deployment Analysis	4.18	4.18	0.00	10.00
Credit for Company Personnel	3.75	3.47	-0.28	15.00
Credit for Training	3.10	4.57	1.47	9.00
Credit for Operational Considerations	2.00	2.00	0.00	2.00
Credit for Fire Department	22.62	24.29	1.67	50.00
Water Supply (40% of Total Classification)				
Credit for Supply System	17.32	16.65	-0.67	30.00
Credit for Hydrants	3.00	3.00	0.00	3.00
Credit for Inspection and Flow Testing	6.04	7.00	0.96	7.00
Credit for Water Supply	26.36	26.65	0.29	40.00
Divergence (Relative difference between fire department and water supply scores)	-4.13	-3.61	0.52	
Community Risk Reduction				
Improved Pub Ed, Code Adoption, and Certifications	2.18	4.02	1.84	5.50
Total Credit	52.33	60.05	7.72	105.50
Public Protection Classification	05/5X	04/4X		
First number applies to properties within 5 road miles of the responding fire station and 1,000 of creditable water supply, such as a fire hydrant, suction point, or dry hydrant.				
Second number applies to properties within 5 road miles of a fire station but beyond 1,000 feet of a creditable water supply.				

After the 2014 survey, District staff identified six areas of improvement. These six areas along with staff feedback regarding the results of the 2020 survey are included below.

1. 911 Dispatch – improved for the 2020 survey due to technology upgrades in the dispatch center
2. Deployment Analysis – no improvement in this area

3. Company Personnel – loss of .28 in this category due to the decrease in daily staffing from 9 to 8.
4. Training – improved due to better record keeping and expanded training classes (i.e. credit for multi-company drills and officer training)
5. Water Supply – slight improvement due to consistent inspection and testing of hydrants by TFD personnel and better record-keeping
6. Community Risk Reduction – improved due to TFD offering more community education classes and better training of prevention personnel

Here is a brief history of the Tubac Fire District ISO rating:

- Prior to 2000 = 7/9
- 2000 – 2014 = 6/9
- Effective December, 2014 = 5/5X
- Effective September, 2020 = 4/4X

The upgraded rating may positively impact homeowner's insurance rates however that is determined independently by the insurance carriers. At a minimum, the improved rating is reflective of our organization's desire for continuous improvement of our services to the residents of the fire district.

Fiscal Impact: Information Only

Alternate Option: Information Only

Legal Review: None required

Staff Recommendation:

Information Only

Proposed Motion:

Information Only

See Attachments:

- Tubac FD PPC Announcement Letter – 2020
- Tubac FD 2020 Community Report
- Tubac FD Flow Data Summary - 2020