

**City of Needles/County Fire Application for
Reorganization Plan for Service, Fiscal
Impact Analysis (Five-Year Projection),
Extension of Contract between County Fire
and City of Needles and Supplemental Data**

Attachment 2



Annexation Proposal for the

City of
Needles

RECEIVED
MAR 01 2016

LAFCO
San Bernardino County

Plan for Service

March 1, 2016

Background:

History-

The Needles Fire Department was formed more than 50 years ago as a volunteer Fire Department. While the department remained a volunteer/ paid call Fire Company for the majority of its existence, San Bernardino County began Fire service oversight functions in 1977. In 2004 Needles City entered into a contract with San Bernardino County Fire to provide Fire protection in the City of Needles. This 10 year contract was for \$442,445.00 per year. The current Contract is a 1 year contract for \$612,000.00, which will expire May 31, 2016. A two month extension of this contract has been negotiated at a rate of \$51,000.00 per Month. Should Annexation fail a new Contract will need to be negotiated.

Over time the Needles Fire Department evolved into a combination Full Time Paid and Extra help fire fighters working 24 hours per day. The most recent change occurred in June of 2015 when Station 31 began using the County Fire staffing model of 3 paid professionals per day with at least one of those being a Paramedic. providing constant staffing in compliance with OSHA 29 CFR, Part 1910.134 (g)(3)&(4), California Code of Regulations: 8 CCR § 5144 (g) (3)(4).

Recent Activities-

May 2015-

Division Chief Chamberlin gave a presentation on the availability of Annexation into the San Bernardino County Fire District to the Needles City Council. The City Council formed a Fire Services Task Force making recommendations to the Council on the future of Fire Services in Needles. **(Appendix A – initial catalyst for discussion)**

June, July August 2015-

The Fire Services Task Force met each month to consider the most cost effective and efficient options for Fire Protection in Needles, considering starting their own fire department, contracting to an outside fire agency, or annexation into the San Bernardino County Fire District.

October 2015-

The Fire Services Task Force made their recommendation to the Needles City Council and recommended annexation into the San Bernardino County Fire District with an FP-5 tax overlay. (Appendix B)

October 2015-

The Needles City Council in regular session voted 4-2 in favor of pursuing annexation into the San Bernardino County Fire District, however the resolution was returned to the Council for clarification of intent per LAFCO direction. (Appendix C)

December 2015-

The Needles City Council met in regular session and adopted resolution 2015-51 and officially requested annexation into the San Bernardino County Fire District with FP-5 tax overlay. (Appendix D)

Identified assets and liabilities

The City of Needles currently has possession of 1 fire station:

Fire Station 31: city Owned

633 Front Street Needles Ca

Structure size: 3500 square feet

Lot size approximately .75 acres

Fire Station 32 is currently under construction with an expected completion date of November 1st 2016, at which time Fire Station 31 will close and be referred back to the City of Needles. All operations will take transferred to Station 32, a County Owned facility at that time.

County Fire has agreed to enter a lease agreement for the current Fire Station located at 633 Front St, until such time that the County Fire Station 32 construction is completed.

Vehicle Inventory

Stock #	Unit #	Type	Year	Make	Miles
NDL18342	E-31	Type 1	2005	KME	165320
NDL18324	BP-31	Type 6	2003	Ford/rosenbauer	116339
NDL5815	U-31	Pickup	2003	Ford	

It is agreed upon by both parties that no financial compensation shall be given for the vehicle inventory to transfer to County Fire.

There are no identified liens or holdings outside of the City of Needles

There is no currently identifiable Assistance to Firefighter Grant (AFG), Department of Homeland Security (DHS) or State of California Office of Emergency Services (OES) based apparatus, personnel or equipment that requires ongoing tracking.

All employees are currently employed by The San Bernardino County Fire District and under MOU agreement between the County of San Bernardino and Local 935 with no identifiable liability. (Appendix D)

Plan for Service Delivery

The San Bernardino County Fire District has indicated that their standard model of delivery is a 3 person Advanced Life Support (ALS) Paramedic Engine or Truck Company for a single resource fire station.

The delivery model would include at least one daily Paramedic based on the mandatory statutes set forth by Inland County Emergency Medical Agency (ICEMA), which functions as the governing body for the oversight of medical care within San Bernardino County.

A large component of the annexation is the incorporation of the regionalized service delivery modeling. Each apparatus will be outfitted with Global Positioning System/Automatic Vehicle Location (GPS/AVL) technology to assist in location services and through our Computer Aided Dispatch (CAD), Mobile Data Computer (MDC) providing updated instant mapping capability and via location services, deploying the closest possible resource to meet the demand.

The new FP-5 Needles Zone would incorporate an entire overlay of the existing City of Needles. A review of the City of Needles overlay resulted in the following findings:

Encompassed within the City of Needles are 3,222 parcels, of these parcels 453 are government owned and are not required to pay the tax. This leaves the total count at 2,769 parcels based on the current overlay of the district.

Based on the approved anticipated tax of \$148.23 x's 2769 parcels= \$410,448.87, plus the 27% of the city ad valorem tax \$183,870.00 the anticipated revenue \$594318.47 for FY16/17.

This staffing model requires \$1,589,103 based on salary and benefits starting in FY16/17 and with a 3% inflationary measure per year, ending the five-year forecast (FY20/21) at \$2,065,833.00.

We have provided an updated spreadsheet to reflect only the portion of the personnel that the City of Needles will be paying for, which accounts for approximately 27% of the services and supplies budget overall.

Services and Supplies budget for FY16/17 requires \$44,550.00

Total operating expenses for FY16/17 is \$598,761.00.

The Services and Supplies budget will increase to \$48,222.35 based on a 2% inflationary factor per annum.

The Needles City portion of the Staffing, services and supplies breaks down as such; FY16/17 27 % ad valorem tax or \$183,870.00 plus FP-5 overlay tax of \$365,299.49 total \$549,169.49.

With ad valorem tax being the unknown the estimated cost at year 5 is based solely on 3% annual increase to FP-5 which would take that calculation to \$411,147.80 plus 27 % of current ad valorem tax of \$183,870 totals to \$595,017.80.

We rounded out the needs by including a very conservative collection rate of 12% for the County approved first responder billing (ALS stabilization fee) and a low value of \$5,000 in cost recovery which historically has been double this amount.

This concludes the findings of all available data and factual evidence to support the Plan for Service for the annexation proposal of City of Needles into the San Bernardino County Fire District.

I hereby certify that the statements furnished above and the documents attached present the data and information required to the best of my ability, and that the facts, statements, and information presented herein are true and correct to the best of my knowledge and belief.



Mark Hartwig, Fire Chief

San Bernardino County Fire District

October 16, 2015

To: Mayor Paget, M.D., Council members, Rick Daniels, City Manager

From: Michael Wright, representing the Fire Service Task Force Committee

Subject: Fire Service Task Force Committee recommendation of Fire Services for City of Needles, California.

The Fire Service Task Force Committee met three times in which there were many issues explored, discussed and debated. The committee was facilitated by Rick Daniels, City Manager. Committee members had the opportunity to review the cities' fire service history which brought us up to our present situation. It was determined the city had a few options to investigate.

- 1.) The city could maintain their contractual relationship with San Bernardino County Fire.
- 2.) The city could seek an alternative fire service provider, i.e. Mohave Valley Fire Dept.
- 3.) The city could be annexed into San Bernardino County Fire District.
- 4.) The city could create it's own fire department.

Obviously, continuing the current contract with San Bernardino County Fire is not feasible. The alternative to the current contract, which was closer to what the city could afford, (\$612,000), was also a consideration. This model would result in a staffing reduction of one firefighter, but would provide a full Paramedic Engine company staffed. This staffing level is equivalent to Mohave Valley Fire Department.

It was estimated that contracting with Mohave County Fire Department would cost the city \$1.2 million to staff a fire station here in Needles.

Annexation into the County Fire District would cost a permanent transfer of \$582,000 from the total property tax collected. A parcel tax up to a maximum of \$171 could be levied to decrease the cities' cost. Level of service is maintained and may be enhanced by two firefighters in the future.

The Paid Call/Volunteer, city fire service model presented an unrealistic financial burden. When a rough draft budget was formulated, it became clear the city does not have the resources to fund it's own agency. There is legitimate concern of homeowners and business insurance rates being significantly raised or even cancelled. The city made substantial outreach efforts to draw interest in a PCF/Volunteer fire agency and determine the size of an eligible pool of candidates. (Please see attached list of agencies notified.) At this point there is a total of zero applications received.

Many hours were spent discussing these options. We were privileged to have guest speakers and concerned citizens attend the meetings. Mike Lowenthal, owner/operations manager of Baker Ambulance spoke to the committee to inform us of what roll his services play in emergency response. Division Chief John Chamberlin and Battalion Chief Tom Marshall from San Bernardino County Fire attended meetings and were willing to clarify many questions the committee had regarding the service they provide. Janet Jernigan, a local business owner provided insight into the possible scenarios regarding insurance issues. Local resident Barry Menges, provided valuable fire service details and perspective.

At our last meeting we again heard input from citizens, local business owners and Chief Chamberlin. We, the committee, were charged with coming to an agreement as to how the city of Needles could best be served with fire protection. Taking into consideration cost, level of service, response time and availability, I.S.O. and insurance consequences, availability and reliability of resources, community involvement and local control, we came to an unanimous, collective decision.

The Fire Service Task Force committee recommends the the city of Needles begin the necessary steps toward annexation into the County Fire District. The committee also recognizes the need for community involvement and would recommend implementing a reserve firefighter, paid-call and/or explorer program to enhance service and provide local residents the opportunity for involvement. The citizens participation is welcomed, encouraged and would be initiated by Chief Chamberlin and Chief Marshall.

Throughout California and much of the nation, the regional approach to fire services has proven to be a beneficial trend.

The committee agrees this would be the most cost effective route for securing ongoing fire protection services for the city. While it does require the permanent transfer of funds, a parcel tax would relieve some of the cost. Even without a parcel tax levee the cost is less than the city is currently paying. The level of service would remain, with the possible enhancement of adding two firefighter positions which Chief Chamberlin in requesting. Coverage of the city would remain intact with the existing mutual aid agreement. The city currently has an I.S.O. rating of five (5) which is unlikely to change. The County Fire District has the ability to provide many emergency response resources as well as human resources which is a cost the city would not have to incur. The San Bernardino County Fire District will have complete financial responsibility. Financial, operational, logistical and supportive resources will be provided by the fire district relieving the city of other costly obligations.

Appendix B #1

CITY OF NEEDLES		<u>PRELIMINARY</u>					
ANNUAL BUDGET DETAIL - FIRE							
	<u>Volunteer (30)</u>	<u>Paid Call (15)</u>	<u>District</u>		<u>Rates</u>	<u>Notes</u>	
Salaries							
Chief	100,000	100,000	incl.				
Captains	100,000	100,000	incl.				
Engineers	n/a	93,600	incl.				
Firefighters	n/a	87,360	incl.		\$15/hour	estimate based on 6,240 hrs./yr.	6240
Administrative support (.5)	n/a	14,560	incl.		\$14/hour	per HR., based on 6,240 hrs./yr.	6240
Payroll Taxes/Insurance/PERS							
FICA Soc Sec/M-Care Ins	n/a	30,257	incl.				
Group insurance	n/a	211,500	incl.		0.0765	per HR	
Workers' compensation	n/a	30,000	incl.			Avg b/w emp+1 & emp+fam x 15	
PERS/employer contribution	n/a	30,675	incl.			estimate; based on Elec alloc of \$28k	
PERSONNEL COSTS	200,000	697,952		0	0.08052	per HR	
Professional Services							
Educational training	10,000	10,000	incl.			estimate	
Legal fees	25,000	25,000	incl.			estimate	
Dispatch	50,000	50,000	incl.			estimate	
Mutual aid	?	?	incl.			?	
Contract with SB County Fire Dept.	n/a	n/a		582,000		actual	
Utilities							
Electric utilities	5,500	5,500	incl.			based on prior year average	
Wastewater utilities	1,050	1,050	incl.			based on prior year average	
Water utilities	950	950	incl.			based on prior year average	
Gas utilities	400	400	incl.			estimate	
Repairs/Maintenance							
Plant maint/repair	3,000	3,000	incl.			estimate	
Vehicle maint/repair	4,000	4,000	incl.			estimate	
Equipment maint/repair	10,000	10,000	incl.			estimate	
Computer maint/repair	500	500	incl.			estimate	
Other Insurance							
Liability insurance	30,000	30,000	incl.			estimate	
Property insurance	18,000	18,000	incl.			estimate	
Communications							
Telephone-land line & DSL	2,000	2,000	incl.			estimate	
Cell phones, pagers & radios	80,000	80,000	incl.			estimate	
Advertising							
	100	100	incl.			estimate	
Travel							
	1,000	1,000	incl.			estimate	
Dues and Memberships							
	500	3,000	incl.			estimate	

Appendix B #2

	<u>Volunteer (30)</u>	<u>Paid Call (15)</u>	<u>District</u>	<u>Rates</u>	<u>Notes</u>
Licensing	300	300	incl.		estimate
Internal Services					
Central purchasing	30,000	30,000	incl.		estimate
Mgmt Info Sys/O & M	25,000	25,000	incl.		estimate
Fleet management	35,000	35,000	incl.		estimate
Finance dept. services	5,000	5,000	incl.		estimate
Supplies/Materials					
Uniforms	45,000	22,500	incl.		Year 1 (unif 1200/p; brush gear 300/p)
Office supplies	300	300	incl.		estimate
Computer/printer supplies	300	300	incl.		estimate
Safety equipment	500	500	incl.		estimate
General supplies	100	100	incl.		estimate
Vehicle Fuel	20,000	20,000	incl.		estimate
Plant					
Building replacement fund	8,333	8,333	n/a		* Building sale \$100k
Vehicle replacement fund	51,000	51,000	n/a		* Equipment sale \$100k
Other assets replacement fund	5,000	5,000	n/a		estimate
Furniture, fixtures & equipment	0	0	n/a		estimate
TOTALS	667,833	1,145,786	582,000 *		

Appendix B #3

RESOLUTION NO. 2015-49

A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF NEEDLES, CALIFORNIA, ACCEPTING THE
RECOMMENDATION OF THE FIRE SERVICES TASK FORCE
AND DIRECTING STAFF TO BEGIN THE APPLICATION PROCESS
FOR ANNEXATION INTO THE COUNTY FIRE DISTRICT
FOR CONTINUED FIRE PROTECTION SERVICES

WHEREAS, on January 5, 2015, the San Bernardino County Fire Department notified the City of Needles that the annual cost of fire protection services would be increasing from approximately \$620,000 to approximately \$1.2 million due to the elimination of their limited term firefighter program which provided low cost firefighter positions (lower pay and no benefits) while allowing the limited terms to gain valuable experience; and

WHEREAS, on July 14, 2015, the City Council appointed community members to serve on a Fire Services Task Force to research options for continued fire protection services within the City of Needles, including continuing the relationship with the County Fire Department; seeking an alternative fire service provider; annexation into the San Bernardino County Fire District; or creation of a municipal volunteer/paid-call fire department; and

WHEREAS, the Task Force met on three occasions during which significant reports and other information were provided on many components of operating a local fire department all of which was explored, discussed, and debated and all questions were answered by staff; and input was received from local emergency services personnel, citizens and business owners; and

WHEREAS, by majority consensus, the Fire Services Task Force recommended that the City of Needles begin the necessary steps towards annexation into the County Fire District, and, recognizing the need for community involvement, further recommended the implementation of a reserve firefighters, paid-call and/or explorer program to enhance service and provide local residents the opportunity for involvement in their fire department.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Needles, California, hereby accepts the recommendation of the Fire Services Task Force as outlined in their written report dated October 16, 2015 attached hereto and incorporated herein and directs the City Manager to begin the application process with the San Bernardino County Local Agency Formation Commission (LAFCO) for annexation into the San Bernardino County Fire District.

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Needles, California, held on the 27th day of October, 2015, by the following roll call vote:

AYES: Councilmembers Frazier, Williams, Darcy and Richardson

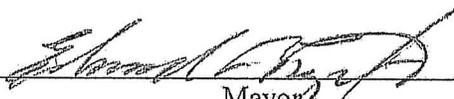
NOES: Councilmembers Gudmundson and Evans

ABSENT: None

ABSTAIN: None

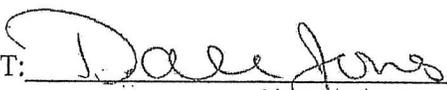
Cheryl/council/resolution - fire services task force recommendation - accept (Oct '15)

Resolution No. 2015-49
(Page Two)



Mayor

(SEAL)

ATTEST: 

City Clerk

APPROVED AS TO FORM:



City Attorney

RESOLUTION NO. 2015-51

A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF NEEDLES, CALIFORNIA, AUTHORIZING THE
FILING OF AN APPLICATION TO THE LOCAL AGENCY
FORMATION COMMISSION TO INITIATE PROCEEDINGS FOR
A SPHERE OF INFLUENCE AMENDMENT (EXPANSION) OF
THE SAN BERNARDINO COUNTY FIRE PROTECTION
DISTRICT AND REORGANIZATION TO INCLUDE
ANNEXATIONS TO THE SAN BERNARDINO COUNTY FIRE
PROTECTION DISTRICT, ITS SOUTH DESERT SERVICE
ZONE AND SERVICE ZONE FP- 5

WHEREAS, the City of Needles desires to initiate proceedings pursuant to the Cortese-Knox-Hertzberg Government Reorganization Act of 2000, commencing with Section 56000 of the California Government Code for:

1. A sphere of influence amendment for the San Bernardino County Fire Protection District (District); and
2. A reorganization proposal to include, but not limited to, annexation to the San Bernardino County Fire Protection District and its South Desert Service Zone and Service Zone FP- 5 as more specifically described in the City's application attached hereto; and

WHEREAS, the territory proposed for reorganization is legally inhabited and a description of the boundaries for all actions is set forth in the City's application attached hereto, and by this reference incorporated herein; and

WHEREAS, the proposed reorganization will not conflict with any existing sphere of influence as the proposed change includes an amendment to the San Bernardino County Fire Protection District sphere of influence to accommodate the proposed reorganization; and

WHEREAS, it is desired that the proposed reorganization be subject to the following terms and conditions:

1. The District shall assume all rights, duties, responsibilities, obligations, functions, executory provisions related to fire protection services, except as otherwise outlined in the Conditions of Approval by LAFCO.
2. The Plan for Service included with the application outlines the general approach and parameters for delivering fire protection services to serve the City. The District will assume responsibility for providing sustainable service to the residents and businesses of the City as a condition of the annexation and for providing the personnel, facilities, equipment, and oversight necessary to do so on an ongoing basis.

3. As a function of the reorganization, the City shall annex to the District's South Desert Service Zone and Service Zone FP- 5 for the purpose of fire protection operations.
4. All previously authorized charges, fees, assessments, and/or taxes currently in effect, now levied or collected by the City related to fire protection shall continue to be levied and collected by the District.
5. The standard terms and conditions imposed by the Local Agency Formation Commission upon all proposals or such additional conditions as may be deemed appropriate or necessary by the Local Agency Formation Commission in its consideration; and

WHEREAS, the reasons for the sphere of influence amendment and proposed reorganization are to provide effective, safe and financially sustainable fire protection services to the City of Needles.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Needles, California, as follows:

SECTION 1. The City Manager is hereby authorized to apply to the Local Agency Formation Commission for San Bernardino County to take proceedings for the sphere of influence review and proposed reorganization as described in the City's application, in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.

SECTION 2. The City Manager is authorized to negotiate terms and conditions with San Bernardino County and County Fire regarding fire service and the annexation.

SECTION 3. The City Manager is authorized to negotiate an interim contract agreement for County Fire to deliver fire protection services to the City until the annexation is completed.

SECTION 4. The Mayor and City Council of the City of Needles acknowledge and agree to the Local Agency Formation Commission for San Bernardino County's requirement for imposing legal indemnification as outlined in Policy 3 of Chapter 2 of its Accounting and Financial Division of its Policy and Procedure Manual updated August 2015.

PASSED, APPROVED AND ADOPTED at a regular meeting of the City Council of the City of Needles, California, held on the 8th day of December, 2015, by the following roll call vote:

AYES: Councilmembers Gudmundson, Frazier, Darcy and
Richardson

NOES: Councilmembers Evans and Williams

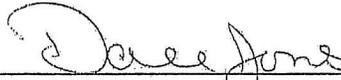
ABSENT: None

ABSTAIN: None



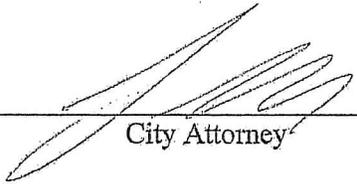
Mayor

(SEAL)

ATTEST: 

City Clerk

APPROVED AS TO FORM:

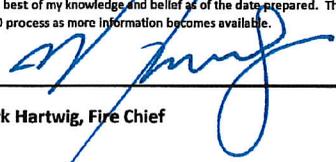


City Attorney

Needles Annexation 5 year Plan	2016 Proposed Staffing Count	2015/16 Average Cost Per Position	2016/17 Average Cost Per Position	2016/17 SBCFPD Proposed Staffing	2017/18 Average Cost Per Position	2017/18 SBCFPD Proposed Staffing	2018/19 Average Cost Per Position	2018/19 SBCFPD Proposed Staffing	2019/20 Average Cost Per Position	2019/20 SBCFPD Proposed Staffing	2020/21 Average Cost Per Position	2020/21 SBCFPD Proposed Staffing
Staffing												
Station 32 - ME - FFPM			5.00%		2.00%		2.00%		3.00%		3.00%	
FF/PM *(CITY PAYS)	3	\$ 143,816.00	\$ 151,006.80	\$ 453,020.40	\$ 154,026.94	\$ 462,080.81	\$ 157,107.47	\$ 471,322.42	\$ 161,820.70	\$ 485,462.10	\$ 166,675.32	\$ 500,025.96
Total Count of Employees paid by Needles	3											
Total Salary and Benefits			\$ 151,006.80	\$ 453,020.40		\$ 462,080.81		\$ 471,322.42		\$ 485,462.10		\$ 500,025.96
Services and Supplies												
Services and Supplies				\$ 44,550.00	\$ 45,441.00	\$ 46,349.82	\$ 47,276.82	\$ 48,222.91	\$ 49,199.37	\$ 50,195.36	\$ 51,211.26	\$ 52,255.88
Transfers for Support Services/Admin Costs				\$ 47,865.60	\$ 48,822.91	\$ 49,799.37	\$ 50,795.36	\$ 51,811.26	\$ 52,867.88	\$ 53,945.58	\$ 55,045.98	\$ 56,148.58
Confire/MIS Support				\$ 38,475.00	\$ 39,244.50	\$ 40,029.39	\$ 40,829.98	\$ 41,646.58	\$ 42,489.98	\$ 43,361.98	\$ 44,164.58	\$ 44,964.58
Capital Replacement - Small Tools and Equipment				\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00	\$ 1,350.00
Capital Replacement - Vehicle Equipment Replacement				\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00	\$ 13,500.00
Total Appropriations				\$ 598,761.00	\$ 610,439.24	\$ 622,351.02	\$ 634,276.13	\$ 646,214.27	\$ 658,151.27	\$ 670,098.13	\$ 682,045.13	\$ 694,000.17
Revenues												
Special Tax				16/17	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Special Tax FP-5 (\$143.91 X 3% = \$148.23/parcel @ 2,769 parcels) (factored @ 89% collection rate)		\$ 410,448.87		\$ 365,299.49	\$ 376,258.48	\$ 387,546.23	\$ 399,172.62	\$ 411,147.80	\$ 423,118.98	\$ 435,118.98	\$ 447,118.98	\$ 459,118.98
Delinquent Prior Year Special Tax Revenue (6%)				\$ 24,626.93	\$ 25,365.74	\$ 26,126.71	\$ 26,910.51	\$ 27,717.83	\$ 28,547.83	\$ 29,405.83	\$ 30,295.83	\$ 31,217.83
Other Revenue												
Property Tax (\$681K x 27%)				\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00	\$ 183,870.00
First Responder Fee - 881 EMS based calls @ \$275 each (12% collection rate)				\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00	\$ 29,073.00
Other Revenue - Non-Operating (Cost Recovery)				\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
Total Revenues				\$ 607,869.43	\$ 619,567.22	\$ 631,615.95	\$ 643,646.13	\$ 655,646.13	\$ 667,646.13	\$ 679,646.13	\$ 691,646.13	\$ 703,646.13
Total Revenues less Appropriations				\$ 9,108.43	\$ 9,127.98	\$ 9,264.92	\$ 9,370.00	\$ 9,431.86	\$ 9,495.86	\$ 9,562.86	\$ 9,632.86	\$ 9,705.86

Note: Captains/Engineers/FFPM salaries/benefits based upon averages in bud prep system of SB County Fire
Note: Transfers for support services and admin costs represents share office staff; as well as share of training expenses, SCBA program and safety gear pool program; as well as \$85,728 of share of DC and 3 BCs (Chamberlin's FTE figures)
Note: Capital Replacement - Vehicle Equipment Replacement maintenance fee \$50k
Note: FP-5 FY 15/16 rate is \$143.91. There is a 3% COLA allowed every year thereafter as needed
Note: "Other Revenue" figures added \$5k for cost recovery
Note: One time start up costs not factored in (SCBAs, cardiac monitor, ballistic protection)
Note: First Responder Fee is factored at 80% of 1101 calls (881) @ \$275 per call with collection rate of 12%

I hereby certify that the statements furnished above and the documents attached present the data and information required to the best of my ability, and that the facts, statements, and information presented herein are true and correct to the best of my knowledge and belief as of the date prepared. This plan will be revised and updated through the LAFCO process as more information becomes available.

 3-1-2016
Mark Hartwig, Fire Chief DATE

RECEIVED
MAR 01 2016
LAFCO
San Bernardino County

SC NOTES:

Removed - One Time SCBA replacement gear	FP5 RATES	old rate	3% increase	total for new rate	year
Removed - Capital Replacement - Infrastructure/Buildings	2013	135.69	\$ 4.07	\$ 139.76	2013
Reduced - Vehicle Equipment Replacement to \$50,000	2014	139.72	\$ 4.19	\$ 143.91	2014
Income - Generated from FP5 rates of \$143.91 x 3%	2015	143.91	\$ 4.32	\$ 148.23	2015
Removed: 421 Station Lease,	2016	148.23	\$ 4.45	\$ 152.68	2016
Decreased Engineer	2017	152.68	\$ 4.58	\$ 157.26	2017
Increased Firefighter					
Added Ad Valorem tax					

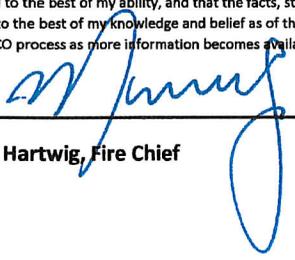
Needles Annexation 5 year Plan	2016 Proposed Staffing Count	2015/16 Average Cost Per Position	2016/17 Average Cost Per Position	2016/17 SBCFPD Proposed Staffing	2017/18 Average Cost Per Position	2017/18 SBCFPD Proposed Staffing	2018/19 Average Cost Per Position	2018/19 SBCFPD Proposed Staffing	2019/20 Average Cost Per Position	2019/20 SBCFPD Proposed Staffing	2020/21 Average Cost Per Position	2020/21 SBCFPD Proposed Staffing
Staffing												
Station 32 - ME - Capt/Eng/FFPM			5.00%		2.00%		2.00%		3.00%		3.00%	
Captain *(FSZ PAYS)	3	\$ 204,177.00	\$ 214,385.85	\$ 643,157.55	\$ 218,673.57	\$ 656,020.70	\$ 223,047.04	\$ 669,141.12	\$ 229,738.45	\$ 689,215.35	\$ 236,630.60	\$ 709,891.81
Engineer *(FSZ PAYS)	3	\$ 177,614.00	\$ 186,494.70	\$ 559,484.10	\$ 190,224.59	\$ 570,673.78	\$ 194,029.09	\$ 582,087.26	\$ 199,849.96	\$ 599,549.88	\$ 205,845.46	\$ 617,536.37
FF/PM *(CITY PAYS)	3	\$ 143,816.00	\$ 151,006.80	\$ 453,020.40	\$ 154,026.94	\$ 462,080.81	\$ 157,107.47	\$ 471,322.42	\$ 161,820.70	\$ 485,462.10	\$ 166,675.32	\$ 500,025.96
Total Count of Employees	9											
Total Salary and Benefits			\$ 551,887.35	\$ 1,655,662.05		\$ 1,688,775.29		\$ 1,722,550.80		\$ 1,774,227.32		\$ 1,827,454.14
Services and Supplies						2.00%		2.00%		2.00%		2.00%
Services and Supplies				\$ 165,000.00		\$ 168,300.00		\$ 171,666.00		\$ 175,099.32		\$ 178,601.31
Transfers for Support Services/Admin Costs				\$ 177,280.00		\$ 180,825.60		\$ 184,442.11		\$ 188,130.95		\$ 191,893.57
Confire/MIS Support				\$ 142,500.00		\$ 145,350.00		\$ 148,257.00		\$ 151,222.14		\$ 154,246.58
Capital Replacement - Small Tools and Equipment				\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
Capital Replacement - Vehicle Equipment Replacement				\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000.00
Total Appropriations				\$ 2,195,442.05		\$ 2,238,250.91		\$ 2,281,915.93		\$ 2,343,679.75		\$ 2,407,195.62
Revenues												
Special Tax				16/17		3.00%		3.00%		3.00%		3.00%
Special Tax FP-5 (\$143.91 X 3% = \$148.23/parcel @ 2,769 parcels) (factored @ 89% collection rate)		\$ 410,448.87		\$ 365,299.49		\$ 376,258.48		\$ 387,546.23		\$ 399,172.62		\$ 411,147.80
Delinquent Prior Year Special Tax Revenue (6%)				\$ 24,626.93		\$ 25,365.74		\$ 26,126.71		\$ 26,910.51		\$ 27,717.83
Other Revenue												
Ad Valorem Tax (\$800k x 22.9%)				\$ 183,200.00		\$ 183,200.00		\$ 183,200.00		\$ 183,200.00		\$ 183,200.00
First Responder Fee - 881 EMS based calls @ \$275 each (12% collection rate)				\$ 29,073.00		\$ 29,073.00		\$ 29,073.00		\$ 29,073.00		\$ 29,073.00
Other Revenue - Non-Operating (Cost Recovery)				\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00		\$ 5,000.00
Total Revenues				\$ 607,199.43		\$ 618,897.22		\$ 630,945.95		\$ 643,356.13		\$ 656,138.63
Total Revenues less Appropriations				\$ (1,588,242.62)		\$ (1,619,353.69)		\$ (1,650,969.98)		\$ (1,700,323.62)		\$ (1,751,056.99)

Note: Captains/Engineers/FFPM salaries/benefits based upon averages in bud prep system of SB County Fire
Note: Transfers for support services and admin costs represents share office staff; as well as share of training expenses, SCBA program and safety gear pool program; as well as \$85,728 of share of DC and 3 BCs (Chamberlin's FTE figures)
Note: Capital Replacement - Vehicle Equipment Replacement maintenance fee \$50k
Note: FP-5 FY 15/16 rate is \$143.91. There is a 3% COLA allowed every year thereafter as needed
Note: "Other Revenue" figures added \$5k for cost recovery
Note: One time start up costs not factored in (SCBAs, cardiac monitor, ballistic protection)
Note: First Responder Fee is factored at 80% of 1101 calls (881) @ \$275 per call with collection rate of 12%

RECEIVED
MAR 03 2016

LAFCO
San Bernardino County

I hereby certify that the statements furnished above and the documents attached present the data and information required to the best of my ability, and that the facts, statements, and information presented herein are true and correct to the best of my knowledge and belief as of the date prepared. This plan will be revised and updated through the LAFCO process as more information becomes available.



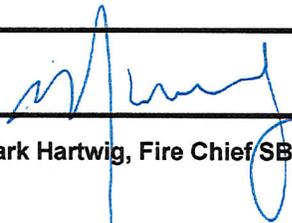
3-3-2016

Mark Hartwig, Fire Chief

DATE

*City of Needles - Proposed Contract Annual Budget
FY 2016-2017*

Salaries and Benefits	Number of Positions	Average Cost Per Position	SBCFPD Proposed Existing Staffing
Suppression			
Fire Fighter PM	3	149,725	449,175
Suppression Total	3		\$ 449,175
PCF	0		-
Chief Officers (3.66%)			
SBCFPD Division Chief	1	287,319	10,516
Battalion Chief	3	232,644	25,544
Chief Officers Total	4		\$ 36,060
Total Salaries and Benefits	7		\$ 485,235
Operating Expenses			
Services and Supplies			56,034
Station Expenses			
C031			33,748
Total Operating Expenses			\$ 89,782
Administrative Overhead Costs			30,397
Total S&B and Operating Expenses			\$ 605,414
Total Annual Requirements			\$ 605,414
PER MONTH CHARGE			\$ 50,451.20


Mark Hartwig, Fire Chief SBCFI

3/23/16
Date


Rick Daniels, City Manager

3/22
Date

SUBJECT TO
COUNCIL
CONFIRMATION

RECEIVED
MAR 23 2016

LAFCO
San Bernardino County

**REPORT/RECOMMENDATION TO THE BOARD OF DIRECTORS
OF THE SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT
AND RECORD OF ACTION**

78

May 19, 2015

**FROM: MARK A. HARTWIG, Fire Chief/Fire Warden
San Bernardino County Fire Protection District**

**SUBJECT: AMENDMENT TO REVENUE AGREEMENT WITH THE CITY OF NEEDLES
FOR FIRE PROTECTION SERVICES**

RECOMMENDATION(S)

Acting as the governing body of the San Bernardino County Fire Protection District, approve Amendment No. 2 to Revenue Agreement No. 04-1235 for the provision of fire prevention, investigation and suppression, hazardous materials, and rescue services to the City of Needles in which this amendment will:

1. Extend the agreement for an additional one year term through May 31, 2016;
2. Replace six (6) Limited Term Firefighter positions with three (3) full time Firefighters; and
3. Decrease the contract annual budget by \$7,614 from the current amount of \$620,065 to \$612,451 for the period of June 1, 2015 through May 31, 2016.

(Presenter: Don Trapp, Assistant Chief 387-5749)

BOARD OF SUPERVISORS COUNTY GOALS AND OBJECTIVES

Improve County Government Operations.

Operate in a Fiscally-Responsible and Business-Like Manner.

Maintain Public Safety.

Pursue County Goals and Objectives by Working with Other Governmental Agencies.

FINANCIAL IMPACT

Approval of Amendment No. 2 will not require additional Discretionary General Funding (Net County Cost). The costs associated with the fire protection services provided by the San Bernardino County Fire Protection District (SBCFPD) to the City of Needles (City) are funded by the City. This amendment extends the agreement for one year at the contract amount of \$612,451. This amount, which reflects a \$7,614 decrease from prior year, represents salary/benefit costs of \$483,156 and operating/administrative costs of \$129,295. In accordance with this agreement, City shall pay SBCFPD in monthly installments at the beginning of each month. The revenue and expenses related to this agreement are included in SBCFPD's annual budget, including the 2015-16 recommended budget.

BACKGROUND INFORMATION

On December 14, 2004 (Item No. 10), Agreement No. 04-1235 (Agreement) between SBCFPD and the City was approved allowing SBCFPD to provide fire prevention, investigation and suppression services, as well as hazardous materials and rescue services, to the City through

May 31, 2014. The subsequent Amendment No. 1, which was approved on June 24, 2014 (Item No. 104), extended the term to May 31, 2015 and decreased the annual contract amount from \$679,797 to \$620,065. This proposed Amendment No. 2 will extend the term by an additional year for continued service through May 31, 2016.

In accordance with Section 13(c) of the Agreement, SBCFPD annually negotiates with the City to amend the annual contract amount to reflect changes in costs for personnel and supplies. This proposed amendment will also decrease in the contract's annual budget by \$7,614 (from \$620,065 to \$612,451) to reflect the replacement of six (6) Limited Term Firefighters with three (3) full time Firefighters.

SBCFPD has administered and supervised fire protection services for the City since 1977. Under the current agreement, the City leases to SBCFPD real property (fire station) together with fixtures and furnishings, fire vehicles, apparatus, and equipment for the sum of \$1 per year. SBCFPD bears responsibility for all routine utility, maintenance and operating costs. The City remains responsible for all major structural repairs and/or replacements and all major apparatus and equipment repairs as outlined in the Agreement. SBCFPD annually reviews staffing levels and has the right to renegotiate the rate of services performed. The City will continue to be responsible for any future Memorandum of Understanding (MOU) and/or Compensation Plan salary/benefit increases that may occur during the term of the Agreement.

REVIEW BY OTHERS

This item has been reviewed by County Counsel (Carol Greene, Deputy County Counsel, 387-5455) on April 24, 2015; Finance (Tom Forster, Administrative Analyst, 387-4635) on April 29, 2015; and County Finance and Administration (Valerie Clay, Deputy Executive Officer, 387-5423) on May 1, 2015.

Exhibit A-1
Fire Protection Services Agreement

**City of Needles - Proposed Contract Annual Budget
2015-16**

Salaries and Benefits	Number of Positions	Average Cost Per Position	SBCFPD Proposed Existing Staffing
Suppression			
Fire Fighter PM	3	149,087	447,261
Suppression Total	<u>3</u>		<u>\$ 447,261</u>
PCF	0		-
Chief Officers (3.66%)			
SBCFPD Division Chief	1	270,495	9,900
Battalion Chief	3	236,748	25,995
Chief Officers Total	<u>4</u>		<u>\$ 35,895</u>
Total Salaries and Benefits	<u>7</u>		<u>\$ 483,156</u>
Operating Expenses			
Services and Supplies			56,065
Station Expenses			
C031			42,833
Total Operating Expenses			<u>\$ 98,898</u>
Administrative Overhead Costs			30,397
Total S&B and Operating Expenses			<u>\$ 612,451</u>
Total Annual Requirements			<u>\$ 612,451</u>



**SAN BERNARDINO COUNTY
FIRE PROTECTION DISTRICT
F A S
STANDARD CONTRACT**

FOR OFFICIAL USE ONLY

<input type="checkbox"/> New	Vendor Code		Dept.	Contract Number				
<input checked="" type="checkbox"/> Change		SC	CFD	A				
<input type="checkbox"/> Cancel				04-1235-A2				
San Bernardino County Fire Protection District			Dept. 106	Orgn. C070				
Contract Representative			License No.					
Carlo Pacot, Finance Manager								
Telephone			Total Contract Amount					
(909) 387-5944			\$612,451 annually					
Contract Type								
<input checked="" type="checkbox"/> Revenue <input type="checkbox"/> Encumbered <input type="checkbox"/> Unencumbered <input type="checkbox"/> Other:								
If not encumbered or revenue contract type, provide reason:								
Commodity Code		Contract Start Date	Contract End Date	Original Amount	Amendment Amount			
		06/01/2004	5/31/16					
Fund	Dept.	Organization	Appr.	Obj/Rev Source	GRC/PROJ/JOB No	Amount		
FSZ	610	C030		9800				
Fund	Dept.	Organization	Appr.	Obj/Rev Source	GRC/PROJ/JOB No.	Amount		
						\$		
Fund	Dept.	Organization	Appr.	Obj/Rev Source	GRC/PROJ/JOB No.	Amount		
						\$		
Project Name			Estimated Payment Total by Fiscal Year					
Agreement between			FY	Amount	I/D	FY	Amount	I/D
San Bernardino County Fire			2004-05	\$442,445		2009-11	\$551,983	
Protection District and the City			2005/06	\$453,480		2011/12	\$504,823	
of Needles			2006/07	\$450,903		2012/13	\$562,796	
			2007/08	\$547,598		2013/14	\$602,375	
			2008/09	\$539,526		2014/15	\$620,065	
						2015/16	\$612,451	

THIS CONTRACT is entered into in the State of California by and between the **SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT**, hereinafter called the **SBCFPD**, and

Name City of Needles hereinafter called City
 Attn: City Manager
 Address 817 3rd Street
Needles, CA 92363
 Telephone (760) 326-2113 Federal ID No. or Social Security No. _____

IT IS HEREBY AGREED AS FOLLOWS:

(Use space below and additional bond sheets. Set forth service to be rendered, amount to be paid, manner of payment, time for performance or completion, determination of satisfactory performance and cause for termination, other terms and conditions, and attach plans, specifications, and addenda, if any.)

Agreement No. 04-1235 is hereby amended as follows:

- All references to County Fire, San Bernardino County Consolidated Fire District, County Service Area 70, and County Service Area 38 are hereinafter SBCFPD.
- Replace the current Exhibits A, A-1 and C with the updated Exhibits A, A-1 and C (attached).

Auditor/Controller-Recorder Use Only	
<input type="checkbox"/> Contract Database	<input type="checkbox"/> FAS
Input Date	Keyed By

3. SBCFPD hereby exercises the option pursuant to 12 c of the Agreement to extend the term of the Agreement for one year.

IN WITNESS WHEREOF, this Agreement has been executed and approved and is effective and operative as to each of the parties are herein provided.

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

City of Needles

(Print or type name of corporation, company, ARMC, etc.)

▶ _____
James Ramos, Chairman, Board of Directors

By ▶ _____
(Authorized signature - sign in blue ink)

Dated: _____

Name Rick Daniels
(Print or type name of person signing contract)

SIGNED AND CERTIFIED THAT A COPY OF THIS DOCUMENT HAS BEEN DELIVERED TO THE CHAIRMAN OF THE BOARD

Title City Manager
(Print or Type)

Laura H. Welch, Secretary

Dated: _____

By _____
Deputy

Address _____

Approved as to Legal Form	Reviewed by Contract Compliance	Presented to Board for Signature
▶ _____ Counsel Carol Greene	▶ _____	▶ _____ Mark A. Hartwig
Date _____	Date _____	Date _____

**“EXHIBIT A”
FIRE PROTECTION SERVICES AGREEMENT
CITY OF NEEDLES**

SERVICE LEVELS

- Maintain three (3) fulltime firefighters on duty at the City fire station for 24 hours a day.
- Staff one fire engine with three personnel.
- County Fire to use dispatch services from the Confire JPA (ComCenter) in Rialto.
- County Fire to provide fire prevention services/plans and inspections to City.
- County Fire to provide Fire Investigator to conduct origin and cause investigations at the same level County furnishes within its own boundaries.
- County Fire will include City in fire department disaster response planning at the same level County Fire furnishes within its own boundaries.
- Communication system includes an automated incident reporting system with full record management. It also includes mapping services and map book creation for specialized fire protection needs in the City.
- All fiscal services are offered through County Fire so the City will not incur any workload or bill payments or payroll, except for normal oversight and accountability.
- Vehicle repairs will be performed by County Fire certified mechanics who travel to on-site stations to reduce “down time,” or at our “state of the art” shop that has full capability to build a fire engine from the ground up.
- Household Hazardous Waste collection site will be operated by County Fire.
- CUPA Services will be administered by County Fire upon Needles City Council’s action relinquishing authority back to the County Of San Bernardino.

**“EXHIBIT C”
FIRE PROTECTION SERVICES AGREEMENT
CITY OF NEEDLES**

FIRE EQUIPMENT

VEHICLES

One (1) **Fire Engine Type 4** (Ford F-550 4X4)

Year: 2003 Vin: 1FDAW57P63ED01197 License: E1152567
County Inventory No.: 18324
Unit# BP-31 Mileage: 92,441 Located @ Station 31

One (1) **Fire Engine Type 1** (KME)

Year: 2005 Vin: 1K9AFA2845N058921 License: E1209261
County Inventory No.: 18342
Unit# E-31 Mileage: 145,007 Located @ Station 31

One (1) **Utility Truck** (Ford F350 4x4)

Year: 2003 Vin: 1FTSW3155EA18252 License: E1205453
County Inventory No.: 5815
Unit# U-31 Mileage: 106,561 Located @ Station 31

Total Vehicles:

1– Fire Engines (Type I)
1– Fire Engines (Type 4)
1 – Utility

EQUIPMENT

One (1) Amkus Cutter (Serial No. 12090963)

Fixed Asset Inventory No.: 250745
Year: 2012 Model: AMK22 Assigned: BP-31

One (1) Amkus Cutter (Serial No. 12040857)

Fixed Asset Inventory No.: 250541
Year: 2012 Model: AMK22 Assigned: E-31

Two (2) Amkus Power Units (Honda 5.5) with Spreaders and Rams

Year 2003

Two (2) **AED's** (Laredal)

Year 2001/2002 Model FR2

One (1) **Ice Machine** (Hoshizaki)

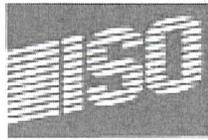
Year: 2001 Model: KML 350/B-250

One (1) **Stationary Air Compressor/Tank**

Year: 1990's

One (1) **Station Generator** Portable (Yamaha)

Year: 1980's



1000 Bishops Gate Blvd. Ste. 300
Mt. Laurel NJ 08054-5404

t 1.800.444.4554 Opt 2
f 1.800.777.3929

February 26, 2016

Mr. Rick Daniels, City Manager, Village Manager and Superintendent
Needles
817 Third St
Needles, California, 92363

RE: Needles, San Bernardino County, California South
Public Protection Classification: O4/4Y
Effective Date: June 01, 2016

Dear Mr. Rick Daniels,

We wish to thank you Mr. Jerry Porter and Chief Mark Hartwig for your cooperation during our recent Public Protection Classification (PPC) survey. ISO has completed its analysis of the structural fire suppression delivery system provided in your community. The resulting classification is indicated above.

If you would like to know more about your community's PPC classification, or if you would like to learn about the potential effect of proposed changes to your fire suppression delivery system, please call us at the phone number listed below.

Please note that as part of our analysis it was determined that a portion of the hydrants on the following water system(s) or in the following area (s) and fire station(s) did not meet the minimum requirements for recognition: **Hydrants on the Park Moabi Water System and San Bernardino CO FS 34.**

ISO's Public Protection Classification Program (PPC) plays an important role in the underwriting process at insurance companies. In fact, most U.S. insurers – including the largest ones – use PPC information as part of their decision-making when deciding what business to write, coverage's to offer or prices to charge for personal or commercial property insurance.

Each insurance company independently determines the premiums it charges its policyholders. The way an insurer uses ISO's information on public fire protection may depend on several things – the company's fire-loss experience, ratemaking methodology, underwriting guidelines, and its marketing strategy.

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new classifications will improve the predictive value for insurers while benefiting both commercial and residential property owners. We've published the new classifications as "X" and "Y" — formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently graded as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9."
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B."
- Communities graded with single "9" or "8B" classifications will remain intact.
- Properties over 5 road miles from a recognized fire station would receive a class 10.

PPC is important to communities and fire departments as well. Communities whose PPC improves may get lower insurance prices. PPC also provides fire departments with a valuable benchmark, and is used by many departments as a valuable tool when planning, budgeting and justifying fire protection improvements.

ISO appreciates the high level of cooperation extended by local officials during the entire PPC survey process. The community protection baseline information gathered by ISO is an essential foundation upon which determination of the relative level of fire protection is made using the Fire Suppression Rating Schedule.

The classification is a direct result of the information gathered, and is dependent on the resource levels devoted to fire protection in existence at the time of survey. Material changes in those resources that occur after the survey is completed may affect the classification. Although ISO maintains a pro-active process to keep baseline information as current as possible, in the event of changes please call us at 1-800-444-4554, option 2 to expedite the update activity.

ISO is the leading supplier of data and analytics for the property/casualty insurance industry. Most insurers use PPC classifications for underwriting and calculating premiums for residential, commercial and industrial properties. The PPC program is not intended to analyze all aspects of a comprehensive structural fire suppression delivery system program. It is not for purposes of determining compliance with any state or local law, nor is it for making loss prevention or life safety recommendations.

If you have any questions about your classification, please let us know.

Sincerely,

Dominic Santanna

Dominic Santanna
Manager -National Processing Center

cc: Mr. Jerry Porter, Water Superintendent, Needles Water Department
Mr. Rick Britt, Communications Manager, Confire JPA
Chief Mike Horton, Fire Marshal, San Bernardino County Fire Department
Chief Mark Hartwig, Chief, San Bernardino County Fire Department
Ms. Cynthia Freeman, Communications Manager, San Bernardino County Sheriffs VCC

INSURANCE SERVICES OFFICE, INC.
HYDRANT FLOW DATA SUMMARY

City Needles

County California (SH San Bernardino)

State California (51
64)

Witnessed by: Insurance Services Office

Date Aug 21, 2015

TEST NO.	TYPE DIST.*	TEST LOCATION	SERVICE	FLOW - GPM $Q = (29.83)(C)(d^2)(p^{.5})$			PRESSURE PSI		FLOW - AT 20 PSI		REMARKS***	MODEL TYPE	
				INDIVIDUAL HYDRANTS		TOTAL	STATIC	RESID.	NEEDED **	AVAIL.			
1		Pashard St & Arch St	Needles Water Department, Zone-1	1300	0	0	1300	90	74	3500	2900		
2		Needles Hwy & O St	Needles Water Department, Zone-1	1320	0	0	1320	91	76	3000	3100		
3		E St. & F St.	Needles Water Department, Zone-1	1550	0	0	1550	95	93	2250	11000		
4		I St & Coronado St	Needles Water Department, Zone-2	1330	0	0	1330	69	47	2250	2100		
5		Coronado St & El Monte St	Needles Water Department, Zone-2	1090	0	0	1090	70	52	1000	1900		
6		San Clemente St W of Arizona Ave	Needles Water Department, Zone-2	1300	0	0	1300	82	64	1250	2500		
7		Broadway & Ice Plant Rd	Needles Water Department, Zone-1	860	0	0	860	82	30	1250	950		
8		Hospitality Ln & J St	Needles Water Department, Zone-2	1330	0	0	1330	80	57	3500	2200		

THE ABOVE LISTED NEEDED FIRE FLOWS ARE FOR PROPERTY INSURANCE PREMIUM CALCULATIONS ONLY AND ARE NOT INTENDED TO PREDICT THE MAXIMUM AMOUNT OF WATER REQUIRED FOR A LARGE SCALE FIRE CONDITION.

THE AVAILABLE FLOWS ONLY INDICATE THE CONDITIONS THAT EXISTED AT THE TIME AND AT THE LOCATION WHERE TESTS WERE WITNESSED.

*Comm = Commercial; Res = Residential.

**Needed is the rate of flow for a specific duration for a full credit condition. Needed Fire Flows greater than 3,500 gpm are not considered in determining the classification of the city when using the Fire Suppression Rating Schedule.

*** (A)-Limited by available hydrants to gpm shown, Available facilities limit flow to gpm shown plus consumption for the needed duration of (B)-2 hours, (C)-3 hours or (D)-4 hours.

Firefly's

Fire Service Information

www.FireServiceInfo.com

Fire Service FAQs and Much More

[- Glossary -- Its Not a Fire Truck!-- What Firefighters Really Do -- History -](#)
[- EMS and The Fire Service -- Ranks and Organization -](#)
[- Hiring Process & Training -- Working With the Media -- Tips For Reporters -](#)
[- FAQ's & Trivia -- Articles and Stories -- U.S. Flag Code & Customs -- Contact -](#)
[Website Author's Bio/LinkedIn Page](#)

Contents Copyright© 2011 by the various contributors.
[Click here for use guidelines.](#)

This site is not associated with, nor does it represent the views of any particular fire department.

ISO Ratings and the Fire Service

ISO - Insurance Service Office - This is a, for profit, organization that provides statistical information on risk. For many years the "ISO Rating" had a large impact on most fire departments. The ISO (PPC) rating is from 10 - 1. With "1" being the best. At one time, almost, all insurance companies calculated rates based upon the ISO rating. ISO would come to your city and assess a **Public Protection Classification**. They would then sell this data to the insurance companies. Just about every aspect of a city and a fire department was evaluated in determining the ISO rating. They would give points for everything from the training aids a fire department owned to the distance between fire hydrants. ISO wanted fire departments to conduct 20 hours of training per man, each month, in order to maximize points for every training aid. Historically, very few cities ever received a "Class 1" rating. There have been times where only one city, out of the nation, would receive a "1". Presently there may be as many as 40+ cities with a "1" rating in the U.S. This is still a small percentage when one considers the thousands of communities nationwide. There is little incentive for a community to strive for a "1" rating since the step from a "Class 2" to a "Class 1" results in little or no difference in homeowner rates. When a city does get a "Class 1" rating they will often proudly display it on their patches, apparatus or website.



But now ISO ratings might have very little, if any, effect on insurance premium rates in many states. Some insurance companies have discontinued purchasing ISO data and using it to calculate rates. Instead of using a theoretical risk evaluation they have opted for a system where they use the actual loss within a zip code. (This includes all losses due to fire, flood, lightening, hail, etc.) After an article, a few years ago, on the subject, in an [International Association of Fire Chiefs](#) newsletter about how State Farm Insurance had decided to go to a "subzone" system in several states, State Farm was contacted. State Farm told me that they felt that they were one of the last companies to go to the zip code method of calculating premiums. They thought that most smaller companies had adopted this prior to them. State Farm is the largest homeowner insurance company, in the U.S., and writes over a third of all homeowner policies in many states with a 20% average nationwide.

As of 2001 State Farm has abandoned the use of ISO in Illinois, Texas, Oklahoma, Pennsylvania, Arizona, Minnesota, Nevada, New Mexico, Vermont, and Wisconsin in favor of the Subzone Rating Factor System. They have plans to do so in other states. ([See magazine articles link.](#))

Update: The Texas Department of Insurance now has a [FAQ page about ISO](#). Here is what they say.

"What does the PPC system mean to me?"

"Every city, town or area that provides fire protection services is subject to being graded to establish a PPC. Individual buildings -- including your house -- are subject to the community's PPC. When calculating property insurance premiums, insurance companies using the PPC apply a factor that reflects a particular community's PPC."

"Do PPC ratings vary from company to company?"

"Yes, it can, because some insurance companies do not use ISO."

<http://www.tdi.state.tx.us/fire/fmppcfaq.html>

In some states the insurance companies can use a host of other factors to determine your insurance premium. Some companies will place a great deal of influence on your **credit score**. (Another reason to improve your score as much as possible.)

Keep something in mind as you consider the effect of ISO in your area. Insurance is something often highly regulated by individual states. While State Farm has abandoned the use of the ISO, Public Protection Classification (PPC) rating in many states, they may not be allowed to do so in others. A few states have successfully stopped State Farm from implementing the new system. (i.e. Louisiana and North Carolina) A few others have tried to fight State Farm's desire to change. ([Arkansas](#)) The state of Georgia requires all insurance agencies to consider ISO ratings in setting premium rates.

In many cases it is the fire associations or fire chiefs who are fighting this change. The perception might be that dropping the use of ISO ratings system hurts fire departments. Many departments, especially rural ones, use the structure of the ISO rating system as a way to justify resources in budget discussions. ISO rates everything from the amount of fire apparatus to the age of it. You can get points for very specific types of training equipment. Examples of this would be "cut-away" fire hydrants or pumps. Just about everything a fire department has, or does, is evaluated. Fire departments fear, that without ISO's influence, convincing cities to buy equipment, or hire personnel, will be harder.

But some chiefs believe that no longer depending upon ISO has made their job easier. They are now better able to paint a picture where more people or better equipment translates into lower fire loss. How well the fire department performs, which can be related to how well it is equipped,

staffed and trained, directly affects insurance rates. Lower insurance rates could also mean more people and industry* might move to a city. Many city councils can now be made to see a value in having a good fire department. Fire prevention programs and better code enforcement can be an easier sell also.

*Note: In some states ISO ratings might still be used to calculate commercial insurance rates while zip code loss, or the "subzone" system is used for homeowners.

There are many states where ISO is still the predominant factor in setting insurance rates. But even in states where ISO is no longer used, many fire departments have continued to gauge their success by their ISO ratings. They often boast that an improvement in ISO / PPC rating will translate into a certain percentage rate of savings for the homeowner. Perhaps they just like having a yardstick by which to measure their success. Some may see it as bragging rights. But apparently, some may not know that this change has taken place. ISO is not spending time and money to let people know where the value of their services have been diminished. (Who would?) While it is possible that some insurance company might still use ISO in any state, it is not likely that even a majority, of homeowners, will see a reduction in premiums in a state listed above, if a rating is improved. You can find many fire departments, in the states mentioned above, who say on their website, that a better ISO rating = lower insurance rates. Some declare it emphatically. "...this means an approximate 14% reduction in homeowner's insurance premiums" Others might just imply it. They may say something like, "...is recognized when home insurance rates are determined."

If anyone has more current information on ISO, please send it to me.

Here is an article from an insurance business website.

<http://www.insure.com/articles/homeinsurance/state-farm-fire.html>

2001 Article in Firehouse Magazine about State Farm's change, with more details on the PPC and ISO rating system.

It also talks about the "Subzone Rating Factor" system.

NOTE: Apparently Firehouse has moved the article and this link no longer works.

If someone finds the article, please email me the correct link.

http://server.firehouse.com/news/2001/3/20_iso.html

The same story can be found at this "Fire Chief Magazine" link.

http://firechief.com/mag/firefighting_iso_ratings_n9/

In 2001 Arkansas tried to fight State Farm's change to the "loss per zip code" system.

<http://www.percymalone.com/news010824.html>

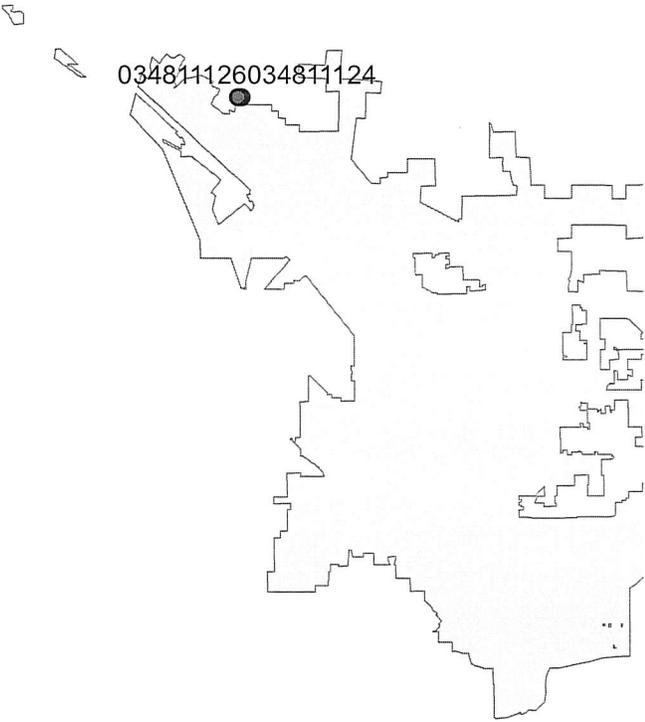
<http://www.percymalone.com/news011214.html>

Website with a great deal of information on ISO and the PPC.

<http://www.isomigation.com/ppc/0000/ppc0001.html>

104638303

03481112603481124



City of Needles Fire Activity

	Budgeted Amounts		Actual	Variance	Note payable	Contract with	Revenues from
	Original	Final	Amounts	Final Budget	Fire Truck	County Fire	City of Needles
2008	\$ 1,197,582	\$ 1,197,582	\$ 577,826	\$ 619,756	\$ 104,160	\$ 547,598	\$ 538,872
2009	1,266,853	1,266,853	568,435	698,418	104,160	539,526	539,532
2010	1,266,853	1,266,853	584,070	682,783	80,000	539,526	551,988
2011	672,022	789,022	684,415	104,607	-	551,983	551,983
2012	617,285	617,285	512,579	104,706	-	504,823	504,828
2013	617,285	775,150	575,731	199,419	-	562,796	570,162
2014	608,575	608,026	607,315	711	-	602,375	602,375
2015						620,065	618,765
2016						612,451	
SOURCE: City Audits, County Agreement No. 04-1235, County Fire Fiscal Division							

City of Needles Finance History: 2008 - 2015

Account	Account Description	2008	2009	2010	2011	2012	2013	2014	2015
REVENUE									
9095	FED AID FOR DISASTER - FEMA					1,688			
9145	OTHER GOV AGENCIES - FED ONLY			7,983			54,439	4,016	
9415	HEALTH FEES								1,344
9655	PLANNING SERVICES	7,006	1,071	5,469					
9775	CLAIM COST RECOVERIES	4,098			11,775	5,179	26,323	17,996	3,237
9800	OTHER SERVICES	538,887				504,828	570,162	602,375	618,765
9917	STATE UNEMPLOY'T TAX (SUI)			(335)			(38,152)	(8,027)	
9930	OTHER SALES		20						
9970	OTHER		539,532	551,988	552,259				334
9975	OP TRANSFERS IN			800,000			2,541		
9980	SALE OF FIXED ASSETS								5,800
9995	RESIDUAL EQUITY TRANSFERS IN	666	913						
9999	RESIDUAL EQUITY TRANSFERS OUT					(416)			
REVENUE TOTALS		550,657	541,536	1,365,105	564,033	511,279	615,313	616,360	629,481
EXPENSE									
Salaries and Benefits									
	Salaries and Benefits Total	361,203	996,503	958,314	943,937	781,691	920,143	932,683	284,064
Service/Supplies									
	Service/Supplies Total	212,172	206,199	260,851	220,411	175,723	166,418	239,977	250,954
Central Services									
2410	DATA PROCESSING (ISF ONLY)	414	37	3	379	348	594	486	356
	Central Services Total	414	37	3	379	348	594	486	356
Travel									
2942	HOTEL - NON-TAXABLE		32	82		301			
	Travel Total	-	32	82	-	301	-	-	-
Transfers									
5010	SALARIES & BENE TRANSFERS OUT					200,662	215,861	238,697	74,161
5012	SERVS & SUPPLY TRANSFERS OUT		567	1,470		31,466	38,001	78,102	58,838
5018	INTERNAL COST ALLOCATION OUT							63,995	90,873
	The information does not provide for a clear	-	567	1,470	-	232,128	253,862	380,794	223,872

Account	Account Description	2008	2009	2010	2011	2012	2013	2014	2015
Reimbursements									
5013	SRVCS & SUPPLIES TRANSFERS IN								(132,732)
	Reimbursements Total	-	-	-	-	-	-	-	(132,732)
EXPENDITURE TOTALS		573,789	1,203,338	1,220,721	1,164,726	1,190,191	1,341,017	1,553,939	626,513
Grand Totals									
	REVENUE TOTALS	550,657	541,536	1,365,105	564,033	511,279	615,313	616,360	629,481
	EXPENSE TOTALS	573,789	1,203,338	1,220,721	1,164,726	1,190,191	1,341,017	1,553,939	626,513
	Grand Totals	(23,132)	(661,802)	144,384	(600,693)	(678,911)	(725,704)	(937,580)	2,967