

Public Safety Committee Meeting Minutes

Date: February 4, 2016

Attendance: Toby Nixon, Dave Asher, Penny Sweet, Marilynne Beard, Kurt Triplett, Cheri Harris, George Dugdale, Joe Sanford, Helen Ahrens-Byington, Dave Walker, David Hoffman (representing Master Builders Association), Joel Bodenman, Justin Becker, Jim Lopez, Michael Olson, Lorrie McKay, Mike Ursino

Agenda Item:	Action Items:
<p>1. Topic: Fire Sprinkler Ordinance</p> <p>Notes: Battalion Chief Dave Walker introduced David Hoffman representing the Master Builders Association. The Committee had previously requested a meeting with Mr. Hoffman to discuss a possible single family fire sprinkler ordinance. Mr. Hoffman presented examples of sprinkler system costs in new construction in three jurisdictions. City of Redmond (served by Redmond water utility) was estimated at approximately \$6,395. The City of Kenmore (served by Northshore Utilities) was estimated at \$8,633. The City of Kirkland (for properties served by Northshore Utility District) was estimated at \$8,946. Northshore Utilities includes a \$900 fire protection fee. Assuming a 30-year mortgage, the average monthly payment increase would be an average of \$31. Members of the Master Builders Association that Mr. Hoffman polled were against mandatory sprinklers in new single family homes. Mr. Hoffman noted that houses built today are as safe as they have ever been and the greater concern is for the flammability of the contents (e.g. furnishing, fuels).</p> <p>Councilmember Nixon asked if any builders offer sprinklers as an incentive to buyers and what percentage of buyers take advantage of it. Mr. Hoffman believes that it is a very low percentage. He noted that insurers do not provide significant discounts for houses with fire sprinkler systems.</p>	<ul style="list-style-type: none">• Prepare report for City Council to get direction about whether to proceed. Get more background on insurance savings versus the costs of a sprinkler system.

Agenda Item:	Action Items:
<p>The Committee asked for more information about the relative cost versus insurance premium savings. They asked that it be presented to the full Council.</p>	
<p>2. Topic: Police Updates Notes: Captain Harris briefed the Committee about an incident at Juanita High School concerning threatening graffiti found in the girls' restroom. Captain Harris related that the KPD was working closely on it and had extra resources available to Juanita High and an additional presence at other schools. The District was in the process notifying parents of their intent to suspend classes for the following day.</p>	
<p>3. Topic: Animal Services Contract Negotiations Notes: Captain Ursino and Lorrie McKay provided an overview of the negotiation process and timeline for the City's contract for Animal Services with King County. The City will need to designate a staff person to attend the negotiations meetings. King County will convene monthly meetings until a contract is in place. An updated cost allocation model for 2017 will not be available until June 2016. March 1, 2017 is the deadline for cities to submit a letter of intent indicating whether they will stay with King County or move to another model. Staff noted that, if the City was going to contemplate leaving the County system in favor of a City-run program, we would have to start planning and taking actions by September 2016.</p> <p>King County has indicated their interest in having all contract cities enter into a five year contract period and to keep every city in the system that is currently in the contract.</p>	<ul style="list-style-type: none"> • The Committee asked staff to develop a timeline for pursuing a parallel path to start our own program and to share that with King County. The Committee will report out to the Council at the next regular meeting and ask the Council what kind of information and data would be helpful to them to make a decision about which policy alternative to pursue. Staff suggested that the May Financial Retreat may be a timely opportunity to discuss this in further detail with the Council.

Agenda Item:	Action Items:
<p>4. Topic: Police Recruitment Strategies Notes: Chief Hamilton noted the number of recent retirements and potential retirements that could take place in 2016. Police departments across the country are experiencing difficulty with filling vacancies. Chief Hamilton discussed what he believes may be barriers to recruitment and made recommendations to change some of our practices to attract more applicants. There will still be an emphasis on high quality hires. Greater use of social media and reaching out to ex-military applicants is recommended.</p>	
<p>5. Topic: Rescue Watercraft Overview Notes: Deputy Chief Ahrens-Byington and Lieutenants Bodenman and Becker showed a video of the new equipment and discussed how they would be deployed. The purchase of the two watercrafts was made possible through a donation from City Church and a contribution from the City. Training has been taking place and policies are being finalized with a target of March 1, 2016 set as the implementation date. The Committee suggested that the video be shown at a future Council meeting and on KGOV with special recognition of donors.</p>	
<p>Future Agenda Topics:</p> <ul style="list-style-type: none"> • Fire Strategic Plan Update (ongoing) • Prevention Based Efforts in Public Safety • Residential Fire Sprinkler Process • Crisis Intervention Training and Diversion • Public Safety Performance Measures • Quarterly Fire/EMS Response Data • North Fire Station Siting • King County CMT Program Report • What policies and training to Police officers have to deal with cultural and language differences (post-Alabama)? • Continuity of Government plan • Regional Fire Authority feasibility • Dashboard review 	

Example 1 – Redmond — Automatic Fire Sprinkler System Quote dated Feb. 3, 2014

Water service provider:

Redmond Water

System type:

NFPA 13D wet pipe “flow through” sprinkler system

Quote ranges from \$5,000-\$5,200 per home, including only the system cost. Additional costs include:

- Permits = \$550
- Tenting insulation over sprinkler pips in attic = \$125
- Sales tax = 9.5% of system cost

Total cost = \$6,395

February 3, 2014

Re: Automatic Fire Sprinkler System Quote 3017 for the projects located in Redmond, WA.

We are pleased to submit our quotation in the following amounts for automatic fire sprinkler systems in the above noted projects

WP 505 Basic: Five Thousand Dollars (\$5,000.00)

W 501: Five Thousand Dollars (\$5,000.00)

WP 35-1: Five Thousand One Hundred Dollars (\$5,100.00)

WP 35-2: Five Thousand Two Hundred Dollars (\$5,200.00)

WP 30-1: Five Thousand Two Hundred Dollars (\$5,200.00)

WP 30-2: Five Thousand Two Hundred Dollars (\$5,200.00)

Prices are F.O.B. job site installed all taxes extra.

Note: We will install the model home for free if

s awarded all 53 units.

- add \$550 for permits
- add \$125 for tenting insulation over sprinkler pipes in attic.

The quotation includes the following:

- One NFPA 13D wet pipe flow through sprinkler system per the city of Redmond with CPVC pipe
- Main drain valve with water pressure gauge
- White concealed Sprinkler heads where possible.
- Spare heads and installation wrench in cabinet.
- Flush test of underground pipe with City of Redmond Fire Inspector
- Install drop with plugged outlet for one toilet on each floor 2 to 4 feet off finished floor for plumbers connection
- One year warranty

We will start our installation from an adequate domestic water supply by others

Example 2 – Kenmore – Automatic Fire Sprinkler System Bid: Oct. 28, 2015

Water service provider:

Northshore Utility District

System type:

NFPA 13D wet pipe “flow through” sprinkler system

Quote/bid is for \$6,562 including only the system cost. Additional costs include:

- Fire Protection Fee = \$900
- Backflow assembly inspection = \$80
- Water meter set increase for 1” meter = \$35
- Permit cost approx. = \$400
- Sales tax

Total cost = \$8,633.20

PLUMBING PROPOSAL PREPARED FOR:

JURISDICTION

PROJECT	
LOCATION	KENMORE
PLAN #	
BID/REF#	
BID DATE	10/28/2015

BID FIXTURE COUNT:		RI FIXTURES	8.70	
JOB #:				
ITEM	QTY	DESCRIPTION		
HEADS	33	CONCEALED SPRINKLER		
COVERS	33	CONCEALED SPRINKLER COVERS		
CABINET	1	CABINET WITH W/THREE SPRINKLER COVERS		
DRY PENDANT	1	UPRIGHT HEAD		
RISER ASSEMBLY		NA		
BID OPTIONS		DESCRIPTION	AMOUNT	
1		RISER & ALARM	\$ 500.00	
3		SPRINKLER GARAGE	\$ 500.00	
4		DESIGN	\$ 750.00	
5		TRIP CHARGE NO METER AT ROUGH IN FOR BUCKET TEST	\$ 500.00	
6		INSTALL FIRE TRIM COVERS SEPARATE TRIP AFTER PLUMBING TRIM	\$ 200.00	
		BID	\$ 6,562 *	
AUTHORIZED SIGNATURE		DATE	BID GOOD FOR 90 DAYS	

BILLING SCHEDULE	%	ORIGINAL PROPOSAL	APPROVED OPTIONS	REVISED PROPOSAL
ROUGH-IN	85%	\$ 5,578	\$ -	\$5,578
Fit	15%	\$ 984	\$ -	\$984
TOTAL	100%	\$ 6,562	\$ -	\$6,562

EXCLUSIONS

- Sales Tax
- Water meter
- Water service line
- Design
- Gas meter, Gas Piping, and/or Gas Connections
- Permits
- Insulation
- Freeze damage
- Backflow Device
- Any damage to material on-site
- Monitoring

PAYMENT TERMS

Net 10th

Past due accounts will be charged a finance charge at the periodic rate of 1-1/2% per month, which is an annual percentage rate of 18%, or a periodic rate not to exceed the maximum rate allowed by state law.

Northshore Utility District Fees Associated with Sprinklers in the City of Kenmore

Fire Protection Fee:	\$900.00
GFC Increase for 1" Meter:	No Charge – NUD only charges the cost of meter upsizing
Backflow Assembly Inspection:	\$80
Water Meter Set Increase for 1" Meter:	\$35 (3/4" x 5/8" Set Charge is \$290/1" Set Charge is \$325)
Total:	\$1,015



Northshore Utility District

SINGLE-FAMILY SEWER / WATER CONNECTION COST INFORMATION

Sewer Connection Charges					
Meter Size	MFC	LFC	Total Connection Fees	Minimum Standard Permit ¹	Minimum ROW Permit ²
¾" & 1"	\$1,925	\$5,075	\$7,000	\$300	\$645

MFC - Major Facilities Charge LFC - Local Facilities Charge

¹Permit: \$300 fee covers gravity side sewer requiring only a single inspection. Pumped side sewer or other obvious situations requiring two inspections is \$400. Additional inspections due to failure to comply with the District's rules and regulations are \$80/hr with a one hour minimum. There is a \$150 fee for a revised permit to disconnect and cap a side-sewer. There is no fee for revised permits to make minor modifications or repairs to an existing side-sewer.

²ROW: Right-of-Way Permits required for side sewer connections and inspections are a minimum of \$645; however, additional charges may apply depending on the jurisdiction.

Water Connection Charges						
Meter Size	MFC	LFC	Total Connection Fees	Fire Protection ⁴	Minimum Service Installation ³	Meter Set Permit
¾" & 1"	\$1,800	\$700	\$2,500	\$900	\$3,450 – ¾" \$3,500 – 1"	\$290 – ¾" \$325 – 1"

³Service Installation: To install a service, the District shall charge its actual labor and material cost plus an additional charge for administration and overhead as set forth in Section 12.03 of the Rate Resolution. Water service installations on roads that require overlay restoration, affecting 3 or more lanes of traffic or on major arterials shall require an additional \$6000 deposit.

⁴Fire Protection: if the jurisdiction is unincorporated King County, the fee is reduced to \$600.

Per the Northshore Utility District 2015 Rate Resolution 2015-03-06

SECTION 10.00 BACKFLOW ASSEMBLY TESTING

The District shall enforce a backflow assembly testing policy in accordance with WAC 246-290-490. See Appendix "N" of the District Comprehensive Water System Plan and District Resolution 1994-4-1 for details. The District offers backflow assembly testing service to property owners upon request at a rate of \$80 per assembly.

Where a service line, meter connection and a meter box have been constructed by a developer as part of a water main extension, the meter "set" charges shall be:

Meter Size	"Set" Charge
¾-inch	\$290
1-inch	\$325
1-1/2 inch	\$660
2-inch	\$865

For short plats that include an existing water service which is to be reused, the existing service shall be assigned a new account number and the existing meter shall be replaced with a new meter at no charge.

Example 3 – Kirkland – Automatic Fire Sprinkler System Bid: Sept. 25, 2015

Water service provider:
Northshore Utility District

System type:
NFPA 13D wet pipe “flow through” sprinkler system

Invoice is for \$6,846 including only the system cost. Additional costs include:

- Fire Protection Fee = \$900
- Backflow assembly inspection = \$80
- Water meter set increase for 1” meter = \$35
- Permit cost approx. = \$400
- Sales tax

Total cost = \$8,945.60

Further detail on this example:

Size of home: 4,100 sq. ft.

“This does not include that it takes longer to get permits (most require that permit be done separate from regular) plus the additional time to put in system, test, trim etc. It usually adds a month to my time to build a house which is several thousand dollars in carry-cost. Also a lot of buyers don’t like having them as they are concerned that it will go off accidentally (which has happened to me) and some insurance companies (you can check) actually charge more as the biggest issue they are having is Water damage to sprinklers going off.”

West Coast Plumbing, Inc

7419 204th St Ne
 Arlington, WA 98223
 (360)403-1000

Invoice

Date	Invoice #
9/25/2015	3202

Bill To
Sapphire Homes

Ship To
6814 NE 129TH ST KIRKLAND

Project	Terms
1 HOLMES	Net 15

Item	Description	Contract	Amount
Rough In	FIRE	18,375.00	11,025.00T
Rough In		9,780.00	6,846.00T

Subtotal	\$17,871.00
Sales Tax (9.5%)	\$1,697.75
Total	\$19,568.75
Payments/Credits	\$0.00
Balance Due	\$19,568.75

Past due invoices will be charged at the periodic rate of 1-1/2% per month

Northshore Utility District Fees Associated with Sprinklers in the City of Kenmore

Fire Protection Fee:	\$900.00
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Total:	\$1,015



Northshore Utility District

**SINGLE-FAMILY
SEWER / WATER CONNECTION COST INFORMATION**

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3/4" & 1"	\$1,925	\$5,075	\$7,000	\$300	\$645

MFC - Major Facilities Charge LFC - Local Facilities Charge

¹Permit: \$300 fee covers gravity side sewer requiring only a single inspection. Pumped side sewer or other obvious situations requiring two inspections is \$400. Additional inspections due to failure to comply with the District's rules and regulations are \$80/hr with a one hour minimum. There is a \$150 fee for a revised permit to disconnect and cap a side-sewer. There is no fee for revised permits to make minor modifications or repairs to an existing side-sewer.

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⁴Fire Protection: If the jurisdiction is unincorporated King County, the fee is reduced to \$600.

Per the Northshore Utility District 2015 Rate Resolution 2015-03-06

SECTION 10.00 BACKFLOW ASSEMBLY TESTING

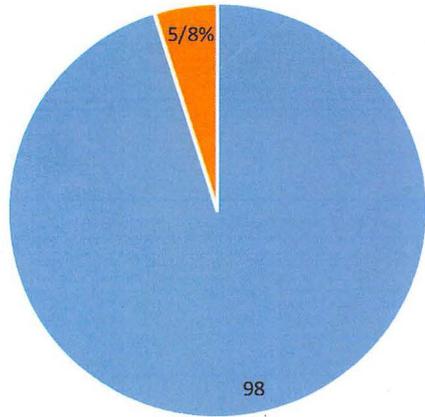
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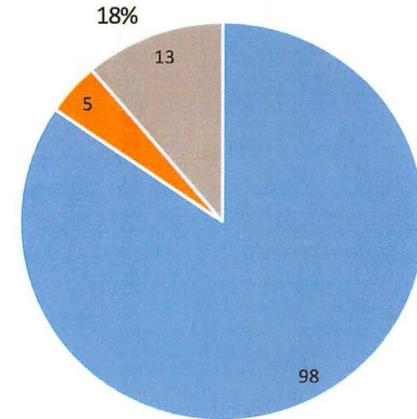
For short plats that include an existing water service which is to be reused, the existing service shall be assigned a new account number and the existing meter shall be replaced with a new meter at no charge.

Commissioned Current Staffing Feb 2016



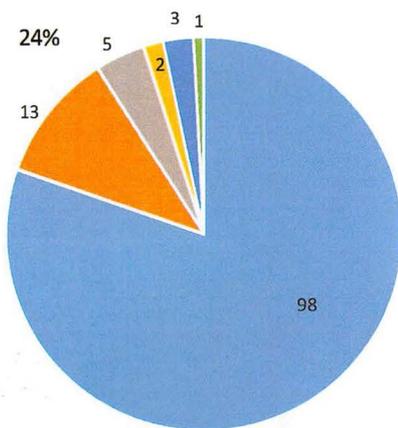
■ Commissioned Full Staffing ■ Current 2016 Vacancies

2016 Vacancies with Potential Commissioned Retirements



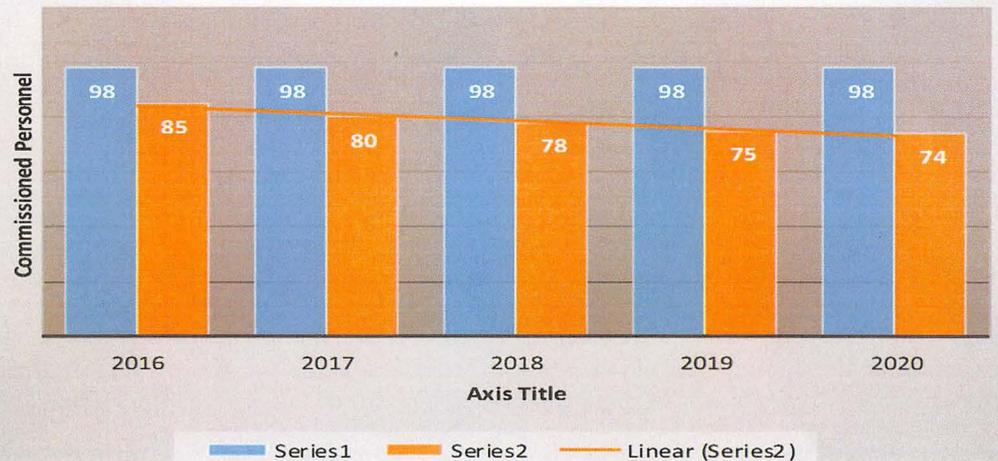
■ Commissioned Fully Staffed ■ Current Vacancies ■ Retirement Eligible

Commissioned Potential Attrition Due To Retirement 2016-2020

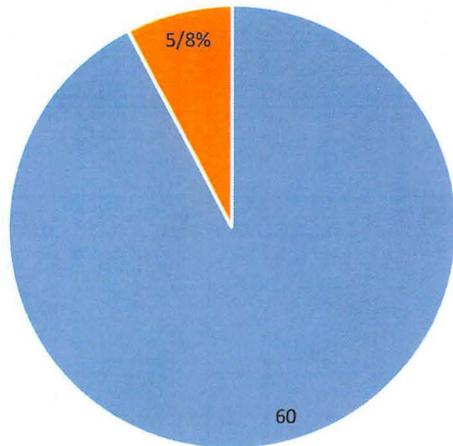


■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020

Potential Commissioned Attrition Due To Retirement Eligibility

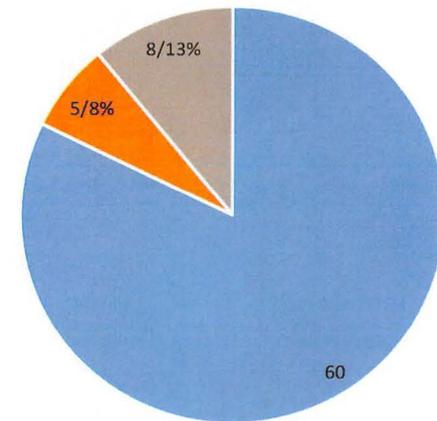


Patrol Current Staffing Feb 2016



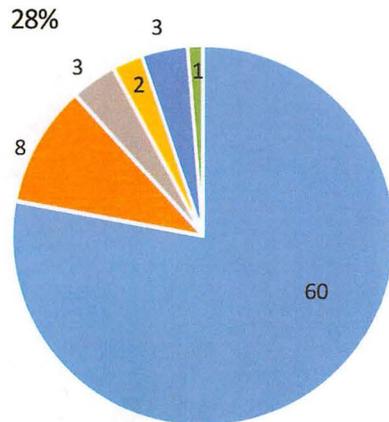
■ Patrol Full Staffing ■ Current 2016 Vacancies

2016 Vacancies with Potential Patrol Retirements



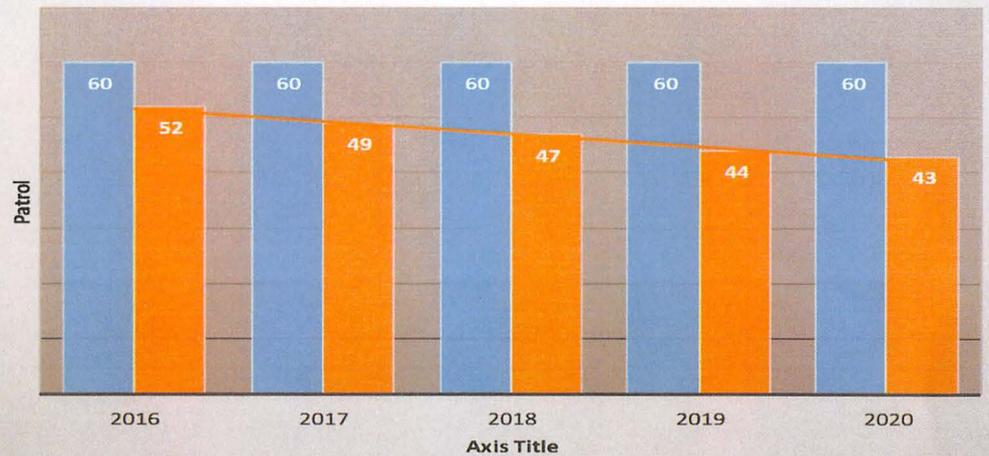
■ Patrol Fully Staffed ■ Current Vacancies ■ Retirement Eligible

Patrol Potential Attrition Due To Retirement 2016-2020



■ 2016 ■ 2017 ■ 2018 ■ 2019 ■ 2020

Potential Patrol Attrition Due To Retirement Eligibility



■ Series1 ■ Series2 — Linear (Series2)



CITY OF KIRKLAND

Police Department

11750 NE 118th Street, Kirkland, WA 98033 425.587.3400

www.kirklandwa.gov

MEMORANDUM

To: Public Safety Committee

From: Bill Hamilton, Chief of Police
Michael Ursino, Administrative Captain
Lorrie McKay, Intergovernmental Relations Manager

Date: February 4th, 2016

Subject: Regional Animal Services of King County (RASKC) Successor Contract Timeline

This memo is to update the Public Safety Committee on the status of the Regional Animal Services Extended 2013 ILA.

At the February 3, 2015, regular council meeting, Kirkland City Council approved the two year extension of the existing 2013-2015 ILA for Regional Animal Services. Although there are almost two years left on the extended contract, the timeline for negotiating the next Regional Animal Services Contract begins this month. Staff is seeking direction on what information the Public Safety Committee would like provided on a regular basis in order for the Committee to best inform Council on this process and options available to the City as the process moves forward.

According to the terms of the current (2013) ILA, the County will invite all 25 Contracting Cities (Joint City County Collaboration Committee) (JC4) to meet in September 2016, to discuss the Successor RASKC contract (New 2018 ILA). At its October 2015 meeting, the JC4 agreed to move the negotiations timeline up and begin successor contract discussions in January 2016. At its January 2016 meeting, RASKC officials proposed taking the next two months to outline ground rules and think about the structure for contract negotiations. Additionally, RASKC officials proposed the JC4 consider a successor contract duration of five years. The terms of the current ILA outline that the Parties shall provide written notice to one another of whether they wish to enter into a new Agreement no later than March 1, 2017.

The following dates are timelines developed by staff and King County and are identified as benchmark consideration dates for the next two years.

2016 - Quarter 1

- January 1, 2016 - two year (2016-2017) extension begins
- January 20, 2016 - JC4 meeting-discuss Successor RASKC contract (New 2018 ILA) negotiations
- February 2016- King County will send letter to cities inviting them to designate some to participate in the negotiations, with a request to commit to regular attendance
 - Establish ground rules
 - Tentative schedule
- March 2016- Regular meeting
 - Review services
 - Discuss issues/interests (cities and county)

2016 - Quarter 2

- April 20, 2016 JC4 meeting - Successor RASKC contract (New 2018 ILA) negotiations.
- May 2016- Contract meeting
 - Discuss modeling approaches
- June 2016 –Contract meeting Propose cost allocation models (best meeting of joint interest)

2016 - Quarter 3

- July 20, 2015 - JC4 meeting - Successor RASKC contract (New 2018 ILA) negotiations
 - Continue discussion on cost allocation models
- August 2016- Contract meeting

2016 - Quarter 4

- September 2016 Agreement in principle
- October 19, 2016 - JC4 meeting - Successor RASKC contract (New 2018 ILA) negotiations
 - Communication material
- December 15, 2016 - County notify Cities of March 1, 2017 Deadline for ILA contract extension

2017 - Quarter 1

- January 18, 2017 - JC4 meeting - Successor RASKC contract (New 2018 ILA) negotiations
- March 1, 2017 - Cities notify County of intent to contract for Successor RASKC (New 2018 ILA) contract

2017 - Quarter 2

- April 19, 2017 - JC4 meeting - Successor RASKC contract (New 2018 ILA) negotiations
- April - County notifies cities of all cities providing intent to contract for Successor RASKC Contract (New 2018 ILA)

2017 - Quarter 3

- July 1, 2017 - deadline for all Successor RASKC contract (New 2018 ILA) execution

2018 - Quarter 1

- New 2018 ILA / Successor RASKC contract begins

Additional information or updates will be provided following each JC4 meeting.

Local Animal Services Option

Upon approval of the current two year extension of the contract for Regional Animal Services in February 2015, Council requested that staff continue to explore the option of providing animal services locally, either directly or sub-regionally. The following draft timeline to explore this option would run concurrent with the above timeline.

2016 - Quarter 3

- September 2016 – identify animal control cost if City of Kirkland provided

2017 - Quarter 1

- January 2017 – Selection process for Animal Control Officer
- **March 1, 2017- City notifies County of intent NOT to contract for Successor RASKC (New 2018 ILA) contract**
- March 2017 – Animal control officer Training

2017 - Quarter 3

- July 2017- purchase Animal Control Vehicle and equipment

2018 - Quarter 1

- January 1st, 2018 Assume responsibilities for providing local Animal Services

Attachments:

1. RASKC Draft timeline for Participant Discussions (January 20, 2016)
2. Overview RASKC ILA – Draft Purpose, Scope Statement, Timeline and Principles Purpose and Scope, Timeline (January 20, 2016)
3. RASKC 2018+ Contracting Timeline (January 20, 2016)

Sample residential fire sprinkler language

As requested. The following are several examples of language used within other local municipalities to address mandatory residential sprinklers in one and two family homes. These rules apply also to townhomes by definition. Within the examples some of the broader information is included for context with the pertaining language highlighted in yellow or marked by an arrow.

The first example is from the City of Redmond. Their approach is simple and is similar to the City of Kirkland's format style. They incorporate language found within the original model code and insert it into their existing local adoption. The Redmond language most closely matches the model code.

The second example is from the City of Kenmore. They reference the model code directly, calling out the 903.xx sections of the International Fire Code.

The third example is from the City of Tukwila and they choose to adopt via reference of WAC. The appendix R and S referenced is the state allowance to allow local jurisdictions to adopt fire sprinklers if they choose to without the mandatory inclusion of the original model code within the State's adoption process. By using the WAC they reference the same model language – indirectly.

Redmond WA

15.06.016 Fire sprinkler systems.

(A) The following regulations constitute general requirements for fire sprinkler systems.

All approved fire sprinkler systems shall meet the requirements of the Redmond Fire Department Standards, Redmond Fire Code, and the applicable NFPA Standards. All systems shall have an adequate water supply, system of piping, and sprinkler heads designed to discharge water on a fire at an appropriate time and in an effective manner. All underground sprinkler supply piping shall be included on civil drawings and shall be approved by the water supplier and the Redmond Fire Department.

An area separation wall or fire wall, or occupancy separation or fire barrier wall, or a distance of 10 feet or less shall not constitute a separation between two structures on the same property.

For the purposes of this section, the following definition shall apply:

Gross Area. The gross area means the total area of all floors, measured from the exterior face, outside dimensions or exterior column line of a building, including basements, cellars, and balconies, but not including unexcavated areas. Where walls and columns are omitted in the construction of a building, such as an open shed or marquee, the exterior wall of the open side or sides, for the purpose of calculating gross area, will be the edge of the roof, including gutters.

Where Required. An approved fire sprinkler system shall be required in the following structures:

(1) Commercial.

(a) In any structure where the gross area is 3,000 square feet or more.

Exception: Fire Sprinklers are allowed to be omitted under roof structures when all of the following conditions exist:

(i) Roof structures are stand alone, detached, and built with non-combustible building materials.

(ii) Used to provide weather protection for people.

(iii) Are open on greater than fifty percent of the perimeter sides to allow ventilation of heat and smoke.

(iv) Are not intended to store combustibles or have combustible materials contained beneath the roof line. The roof structure shall not extend over any transit vehicle or curb.

(v) When no other code or applicable standard is requiring fire sprinklers.

* These can include: bus and transit shelters, covered pedestrian paths, and similar structures not attached to or within ten feet of buildings.

(b) In any structure where the calculated fire flow demand exceeds available flow.

(c) In buildings with an A-2 occupancy where one or more of the following exists:

- An occupant load greater than 100,
- An A-2 fire area is located on a floor other than the level of exit discharge.

(d) All nightclubs, defined as follows:

Nightclub. An A-2 Occupancy use under the 2012 International Building Code in which the aggregate area of concentrated use of unfixed chairs and standing space that is specifically designated and primarily used for dancing or viewing performers exceeds three hundred fifty square feet, excluding adjacent lobby areas. "Nightclub" does not include theaters with fixed seating, banquet halls, or lodge halls.

(e) In any building with an assembly occupancy where the total occupant load of the building is over 200.

(f) Existing commercial buildings, where one of the following applies:

- Additions resulting in a gross area greater than 5,000 square feet, or
- Sprinklers may be required in buildings that undergo a change of use or occupancy, refer to IFC Section 102.3.

(2) Residential – One- and Two-Family dwellings:

(a) An approved automatic fire sprinkler system shall be installed in new one- and two-family dwellings and townhouses as described in the International Residential Code in accordance with Section 903.3.1 of the International Fire Code, 2012 Edition.

Exception: This subsection (2)(a) does not require the installation of an approved fire sprinkler system in any mobile home or manufactured home. This exception is limited to this subsection (2)(a) and nothing herein exempts a mobile home or manufactured home from any other requirement to install an approved automatic fire sprinkler system under any other section or subsection of this code or of any international code adopted by the City.

(b) Existing detached one- and two-family dwelling units where additions result in a gross area greater than 6,000 square feet must be retrofitted with an automatic sprinkler system throughout.

Exception: Additions to detached one- or two-family dwellings of up to 500 square feet are permitted without compliance with this section. This is a one-time exemption, and this exemption must be recorded with King County Records and Elections.

(3) Where required elsewhere by the Redmond Fire Code or the International Building Code. (Ord. 2774 § 2, 2015; Ord. 2693 § 2 (part), 2013; Ord. 2530 § 2 (part), 2010; Ord. 2357 § 1 (part), 2007; Ord. 2324 § 1, 2007; Ord. 2220 § 1, 2004).

Kenmore WA

15.10.085 IFC Section 903.2, Where Required, amended.

Section 903.2 of the International Fire Code is amended as follows:

903.2 Where required. Approved automatic sprinkler systems in new and existing buildings and structures shall be provided in the locations described in Sections 903.2.1 through 903.2.13.

The exception has been deleted.

[Ord. 13-0360 § 3 (Exh. A); Ord. 10-0310 § 2 (Exh. A).]

15.10.090 IFC Section 903.2.13, Additional Fire Sprinkler Requirements, added.

Section 903.2 of the International Fire Code is amended by adding a new section 903.2.13 as follows:

903.2.13 Additional fire sprinkler requirements.

NEW BUILDINGS

1. An automatic sprinkler system shall be installed in all occupancies requiring 2,000 gallons per minute or more fire flow, or where the gross square footage exceeds 5,000 square feet. This applies to all buildings regardless of type or use. Fire walls, as noted in the International Building Code, shall not be considered to separate a building to enable deletion of the required sprinkler system.

2. All newly constructed buildings regardless of gross square footage shall be provided with an automatic sprinkler system if adequate fire flow, hydrant spacing, or approved fire department access is not provided as required in IFC Section 503, Appendix B, and/or Title [15](#) of the Kenmore Municipal Code.

3. An automatic sprinkler system shall be installed in newly constructed residential occupancies.

EXISTING BUILDINGS

1. The provisions of this section shall apply to existing buildings that are subject to alterations, repairs, modifications or similar improvements where the total cost of the work performed exceeds 50% of the King County Assessor's Office valuation of the structure. Where subsequent alterations, repairs, modifications or similar improvements occur within five years of the first permitted work, the original building valuation shall be used and the total costs of improvements shall be accumulative.

2. The provisions of this section shall apply to existing buildings where the gross floor area of the building is increased. Additions to buildings that would result in a gross floor area greater than 5,000 square feet shall be retrofitted throughout with an approved automatic sprinkler system.

Exception: The floor area of an existing building may be increased by up to 25%, not to exceed 5,000 square foot floor area increase. This exception shall be allowed one time only and acknowledgement of its use shall be recorded to run with the property title prior to permit issuance.

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16.42.050 Where Required

A. A fully automatic sprinkler system designed, installed and tested per NFPA 13 shall be installed in all new buildings 500 square feet or greater in total floor area.

B. Without regard to exceptions to the sprinkler system requirements as set forth in this section, a fully automatic sprinkler system, per TMC Section 16.42.050.A, may be required by the Chief of the Fire Department and the Fire Marshal for new and existing buildings when, in their judgment, any of the following conditions exist:

1. Hazardous operations.
2. Hazardous contents.
3. Critical exposure problems.
4. Limited accessibility to the building.
5. Inadequate waterflow availability.

C. Fire walls, fire barriers, or vertical or horizontal fire barriers as noted in Section 705.1 of the International Building Code shall not be considered to separate a building to enable deletion of a required automatic sprinkler system.

 D. An approved automatic fire sprinkler system shall be installed in new one-family and two-family dwellings and townhouses in accordance with Appendix R (WAC 51-51-60105) and Appendix S (WAC 51-51-60107).

(Ord. 2346 §6, 2014)