



INFORMATIONAL MEMORANDUM

TO: Public Safety Committee

FROM: Jay Wittwer, Fire Chief

BY: B/C Don Tomaso, Fire Marshal

CC: Mayor Ekberg

DATE: May 24, 2017

SUBJECT: Fireworks Permit for 4th of July at Starfire

ISSUE

Require City Council approval for the annual fireworks permit for the Tukwila Parks and Recreation Family 4th at Starfire Sports Complex.

BACKGROUND

The City of Tukwila has been sponsoring a family oriented 4th of July celebration for the last 15 years. This is one of the most successful City sponsored events in terms of public attendance and participation. This event will draw in excess of 5,000 people to the park to view and participate in the festivities scheduled by Parks and Recreation.

DISCUSSION

Parks and Recreation has retained the same fireworks company, Western Display Fireworks, Ltd., a company with 63 years of experience in public displays. We will use the same location as last year to avoid having to protect the sports turf fields in the northeast corner of the facility. This fireworks discharge location will be in the southwest corner of the facility on the natural grass fields. Additionally, the largest aerial shell will be 3"; this allows for a smaller safety perimeter. Western Display has also proposed several ground displays that the crowd will be able to see when looking south.

FINANCIAL IMPACT

This event is funded through the Parks and Recreation Department.

RECOMMENDATION

Staff recommends that Council approve the permit at the June 19, 2017 Regular Meeting Consent Agenda.

ATTACHMENTS

- Fireworks application and Western Display Fireworks, Ltd paper work
- Fireworks permit conditions



City of Tukwila
Fire Marshal's Office

Allen Ekberg, Mayor

Jay Wittwer, Fire Chief

FIREWORKS PERMIT CONDITIONS

To: Western Display Fireworks, Ltd.

From: B/C. Tomaso, Fire Marshal

Re: July 4th Fireworks display, 14800 Starfire Way, Tukwila, WA 98168

Date: May 24, 2017

1. Notify Washington State Patrol at 425-649-4658.
2. Notify FAA specialist at 425-227-2536 or 425-227-2500.
3. Establish Safety perimeter a minimum of 30 minutes prior to display start.
4. Have Pyrotechnicians in visible uniform clothing.
5. No Pyrotechnics shall be delivered to site prior to the day of the display.
6. All personnel inside the safety perimeter shall use Personnel Protective equipment as outlined in NFPA 1123.
7. Only Pyrotechnicians, Safety Monitors and Fire Watch personnel will be within the safety perimeter.
8. Portable fire extinguishers shall be in place prior to unloading of pyrotechnics from transport vehicle. (3-A 40 BC Minimum Size)
9. 4 - Tukwila Police officers shall be on site a minimum of 30 minutes prior to the start of the display for crowd control, and shall remain for a minimum of 30 minutes past the end of the display or the crowd disperses. (2 additional Tukwila Police officers shall be available to respond to the site if requested.)

10. Tukwila Fire Department shall inspect mortar racks prior to loading of any pyrotechnic shells.
11. Tukwila Fire Department shall inspect all static displays upon completion of set up.
12. Two Tukwila Fire Department apparatus shall be on location prior to the start of the display. (One will be an overtime staffed engine)
13. Two additional overtime firefighters will be the designated fire watch personnel assigned to the Starfire turf practice fields South of Starfire's main building.
14. Any breach of the safety perimeter shall suspend the display until the perimeter is cleared and re-established.
15. Upon completion of the display, the fallout area shall be checked for unexploded shells. Cleaning of debris, if not practical on the night of the event shall be at first light the next day.
16. No combustible materials shall be stored inside the safety perimeter.



City of Tukwila
Fire Marshal's Office

Allen Ekberg, Mayor

Jay Wittwer, Fire Chief

Date: May 24, 2017

To: Chief Wittwer

From: B/C Tomaso, Fire Marshal

Re: Public Fireworks Display Permit

I have reviewed the permit application information provided by Western Display Fireworks, Ltd. They have applied for the permit for a public fireworks display at the Starfire Sports Complex, 14800 Starfire Way. Western Display is a licensed Pyrotechnic Company with the State of Washington.

The display will be held in conjunction with the City's planned event, on July 4, "Family Fun at the Fort", being organized by the Parks and Recreation Department. This will be a 20 to 30 minute show starting at approximately 2200 hours. The fireworks will be transported to the site in the AM of July 4 and will be under the required supervision until they are discharged. The mortar tubes and support equipment will be brought to the location on July 4.

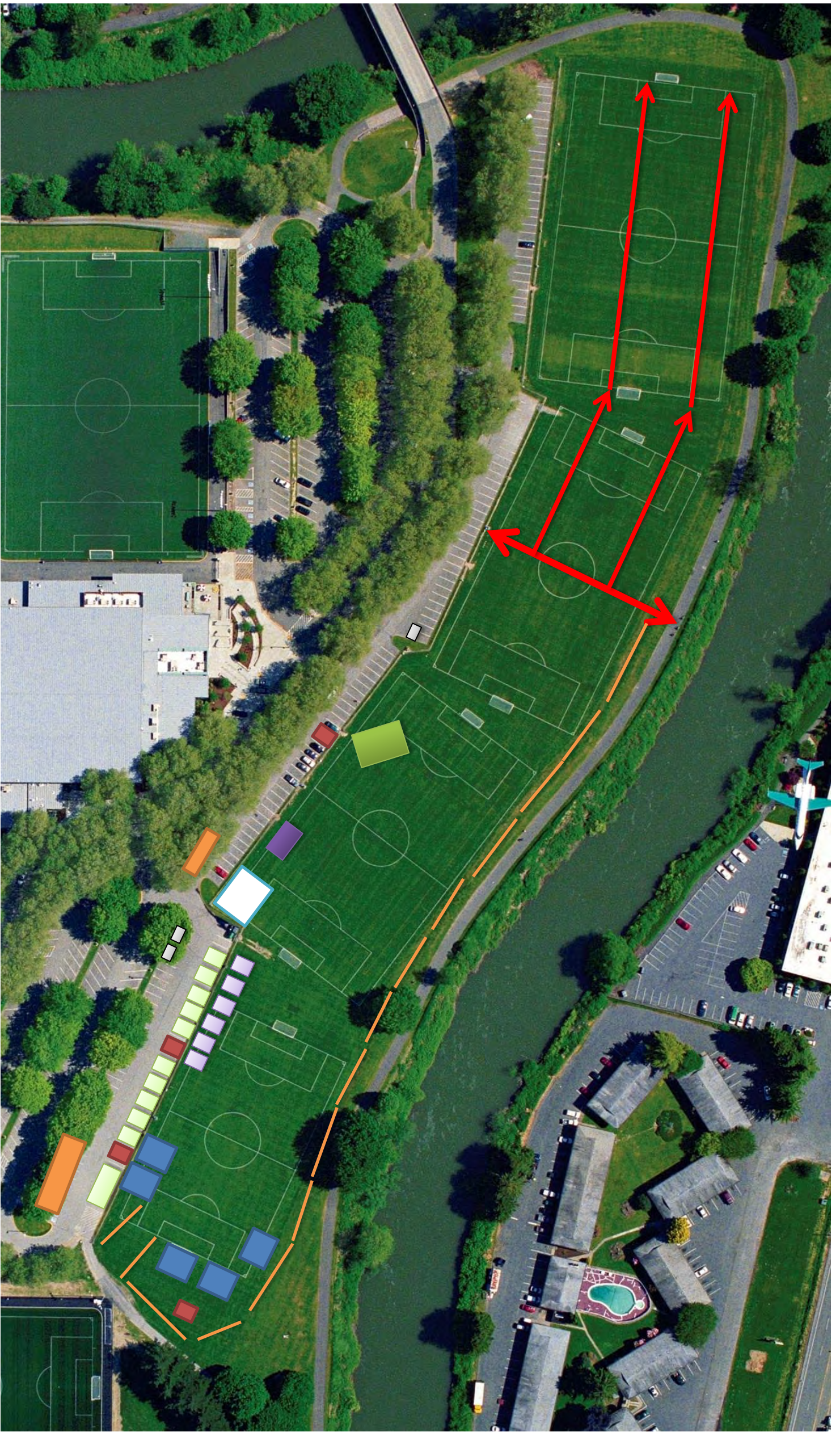
The application was reviewed for adherence to the requirements under WAC 212-17 and accepted industry standards; we find everything is within these guidelines.

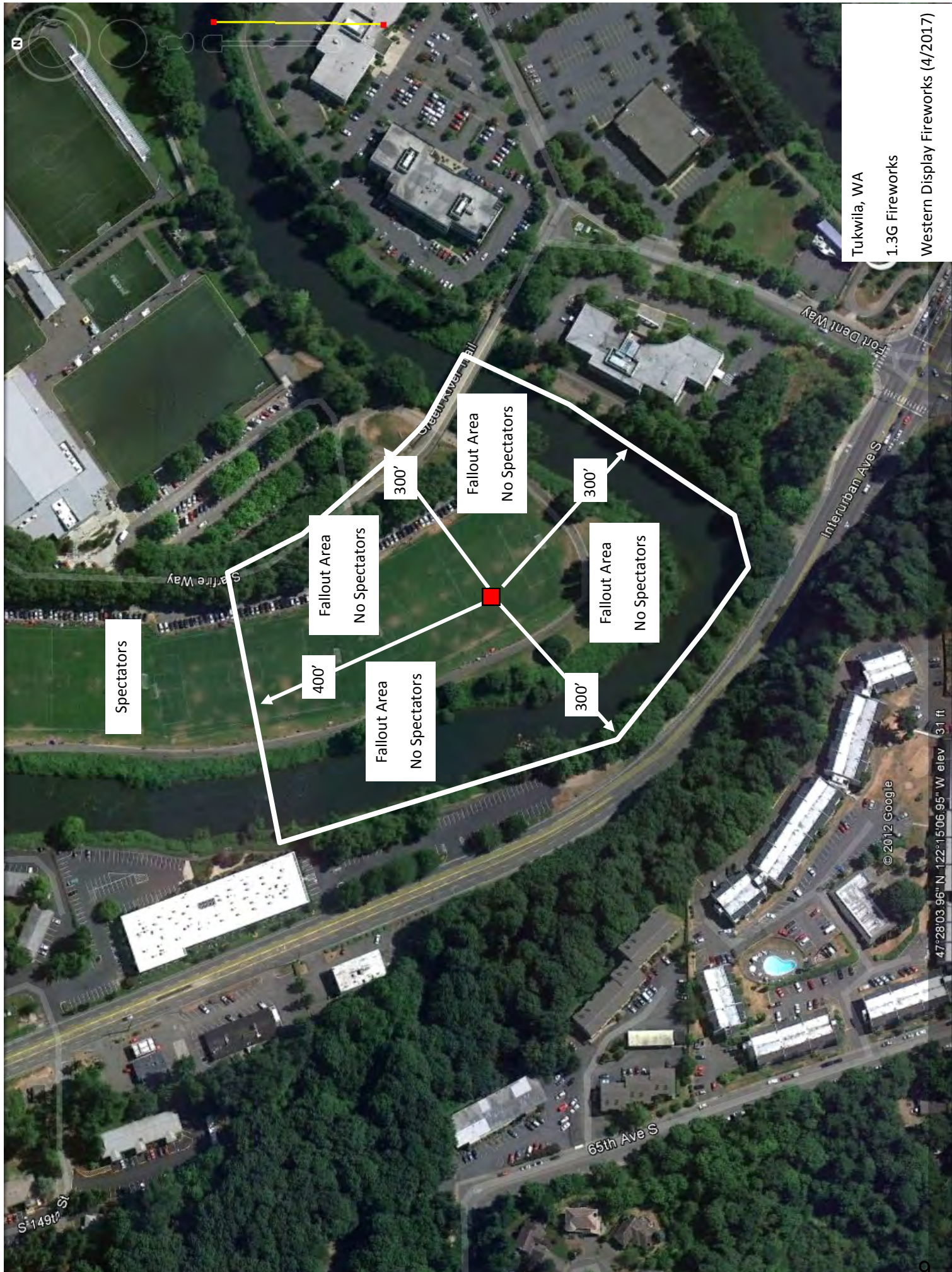
The display will be held again in the Southwest corner of the facility. We will however, have a small portion of the 6720 Fort Dent Way Office building within the South edge of the fallout zone.

Crowd control can be a potential issue, as the crowd that assembles to watch the fireworks show has increased every year. Last year the traffic leaving the site was managed with the available Tukwila Police on site and available patrol units. To mitigate these issues, I believe the following measures should be done:

- Stage two fire apparatus at the site: one apparatus on each side of the river in order to cover the 6720 Fort Dent Office building. One unit will be the overtime apparatus staffing the event and then one on duty apparatus. Apparatus shall be out of service during the display and for 30 minutes following the display.

- Have Tukwila Police provide crowd control during the public display. A minimum of 4 officers will be required. Provide traffic control to the Fort Dent Way and Interurban Ave intersection to expedite traffic flow. (2 additional Tukwila Police shall be available to respond to the site if requested.)
- Comply with Fire Works Permit Conditions attached.





Tukwila, WA

1.3G Fireworks

Western Display Fireworks (4/2017)

Spectators

Fallout Area
No Spectators

Fallout Area
No Spectators

Fallout Area
No Spectators

Fallout Area
No Spectators

300'

300'

300'

400'

S 149th St

65th Ave S

Interurban Ave S

Fort Dent Way

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47°28'03.96" N 122°15'06.95" W elev 31 ft