

Fourth of July Presentation

March 14, 2024

Jessica Ramirez, Recreation Coordinator

Nicole Jones, Recreation Manager

Mary Tuttle, Parks and Recreation Director



OVERVIEW

Background & Context

Operations prior to 2024

Fourth of July Data Points

Key Considerations for Change

Drone Show Details

Proposed Transition with Community

Next Steps



FOURTH OF JULY PRIOR TO 2024

Annual Firework Display at Angle Lake Park includes involvement from multiple parties:

- Parks; logistics of the park needs, to adjust to the larger crowd size.
- Recreation; entertainment, lifeguards, fireworks.
- Fire; safety and medical assistance for the crowd and fireworks.
- Police; safety and support.
- Angle Lake Shore Club – Integral to the fireworks display.
- Secure fencing around fireworks loading zone; clearing the area of people for most of the day.
- Patrol boats out on the water to ensure 100-300 yard safety perimeter.



STATISTICAL DATA

Metrics

Jul 4 - Jul 4, 2023

Metrics

● Angle Lake Park

19408 International Blvd, SeaTac, WA 98188

Visits	8K	Avg. Dwell Time	159 min
Visits / sq ft	N/A	Panel Visits	169
Size - sq ft	N/A	Visits YoY	+66.4%
Visitors	8K	Visits Yo2Y	+384%
Visit Frequency	1	Visits Yo3Y	+3.9K%

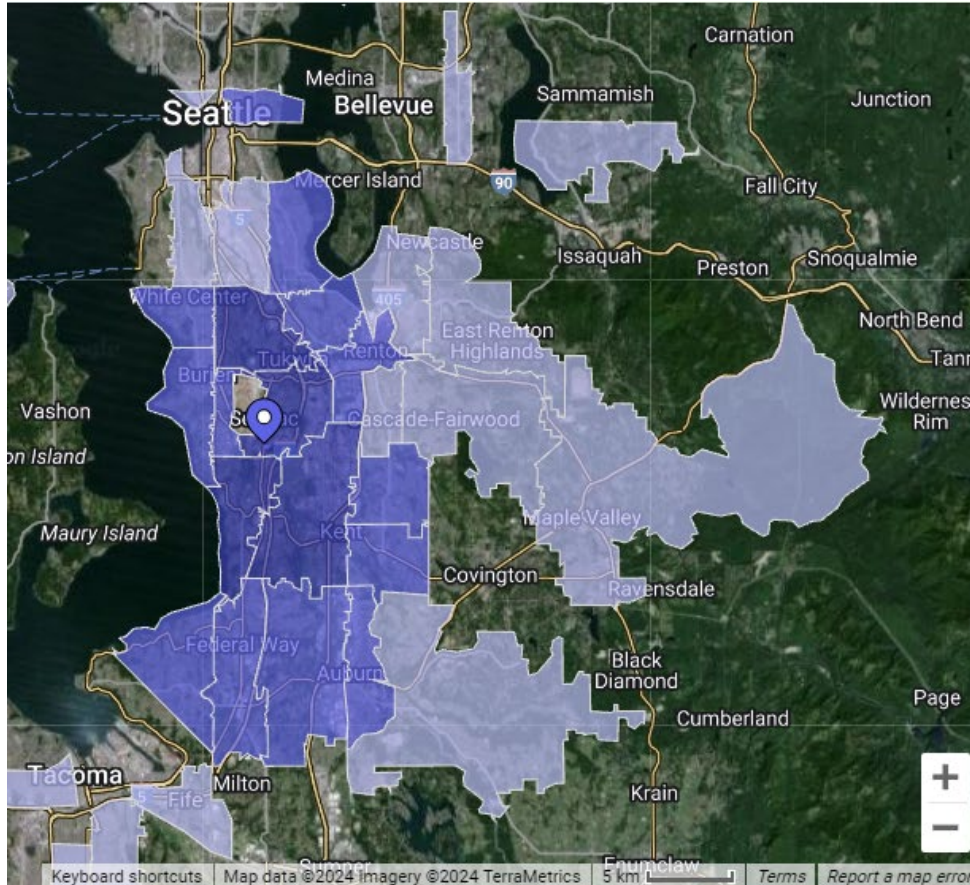
Jul 4th, 2023

Data provided by Placer Labs Inc. (www.placer.ai)



STATISTICAL DATA – Zip Codes

July 4, 2023



Zipcode / City	Visits (% of Total)
98198 Seattle, WA	1K (12.9%)
98188 Seattle, WA	1K (12.7%)
98032 Kent, WA	654 (8.2%)
98168 Seattle, WA	568 (7.1%)
98003 Federal Way, WA	344 (4.3%)
98166 Seahurst, WA	339 (4.2%)
98057 Renton, WA	284 (3.6%)
98023 Federal Way, WA	279 (3.5%)
98118 Seattle, WA	240 (3%)
98148	212 (2.7%)



DRONE SHOW DETAILS

Pixel Sky Animations, Vancouver BC

- Custom Choreographed Drone Show
- Bright LED's
- Up to 200 drones for 15 minutes, depending on launch and landing site
- Music Synchronization
- 2 hour set up time and 1 hour of tear down



KEY CONSIDERATIONS FOR CHANGE

1. Environmental & Safety Considerations

- Reduced air and noise pollution.
- Toxic chemicals and plastics.
- Potential danger for staff and community.
- Climate Change/ dry summers.

2. Classification of Angle Lake's "non-navigability"

- City's obligation, based on two WA Supreme Court cases.

3. Logistical Constraints

- Locating a licensed watercraft/ barge.
- Site for loading/ unloading.
- Staff time and safety perimeter.



DRONE SHOW



BUDGET COMPARISONS

Drone Comparison						
City	Event	Company	# of Drones	Cost	Minutes	# of shows
Des Moines	4th of July	Sky Elements	100	\$ 90,000.00	20	2
SeaTac	4th of July	Pixel Animation	200	\$ 40,000.00	15	1
Sequim	Sunshine Festival	FireFly	200	\$ 50,000.00	15	1

4th of July Attendance			
City	2019	2022	2023
Des Moines	5400	2600	5900
SeaTac	3900	4800	8000



COMMUNITY PARTNERSHIP

Angle Lake Shore Club (ALSC)

1. Fund raised specifically for fireworks displays.
 - Financial support at \$5,000/ year.

2. Provided in- kind donations.
 - Estimated at \$6,500/ year.

3. Recommendation from ALSC and support from Recreation staff for 2024 transition plan proposal:
 - City of SeaTac provides a drone display at the west end of the lake (park).
 - Responsible for permitting and logistics.
 - Show at west end of the lake at approximately 9:45pm.

 - ALSC provides a display on the east end of the lake.
 - Responsible for permitting and logistics.
 - Show at east end of the lake at approximately 10:10pm.



FOURTH OF JULY – SEATAC STAFF OPERATIONAL COMPARISON

Fireworks vs. Drone

- 2023 - \$25,000 + \$6,500 in kind

FIREWORKS

- Park Operations- utilities for off-site operator use.
- ALSC members to provide 3 barges for loading.
- ALSC members towing and locating barges to and from eco-blocks.
- 3 Parks and Recreation staff for pre-show and permit process.
- 1 staff assigned for loading day of operations.
- Staff (Aquatics and PD) support to close the beach at the end of the day.
- 1 Fire Inspector

- 2024 - \$40,000

DRONES

- Drone Staff (provided by Pixel)– 4 members.
- 2 Parks and Recreation staff for pre-show planning.
- Pixel staff for permitting.
- Staff (Aquatics and PD) support to close beach access at the end of the day.

NEXT STEPS

1. Decision Card Submission for additional budget ask of \$20,000 to support the Drone Show + contract with operator.
2. Position current logistical and safety plans for Drone Show; meetings with internal staff at various Departments who are involved.
3. Ensure good communication with ALSC and residents around Angle Lake; communications plan for broader community.
4. Perform a post event wrap analysis and identify recommendations for 2025.



Questions?



Jessica Ramirez, Special Events and Volunteer Coordinator
Jramirez@seatacwa.gov

Nicole Jones, Recreation Manager
Njones@seatacwa.gov

Mary Tuttle, Parks and Recreation Director
Mtuttle@seatacwa.gov

