

South Park Flooding Recovery Incident

Public Safety and Human Services Committee

January 10, 2023
OEM, SPU, HSD

Seattle Office Of Emergency Management

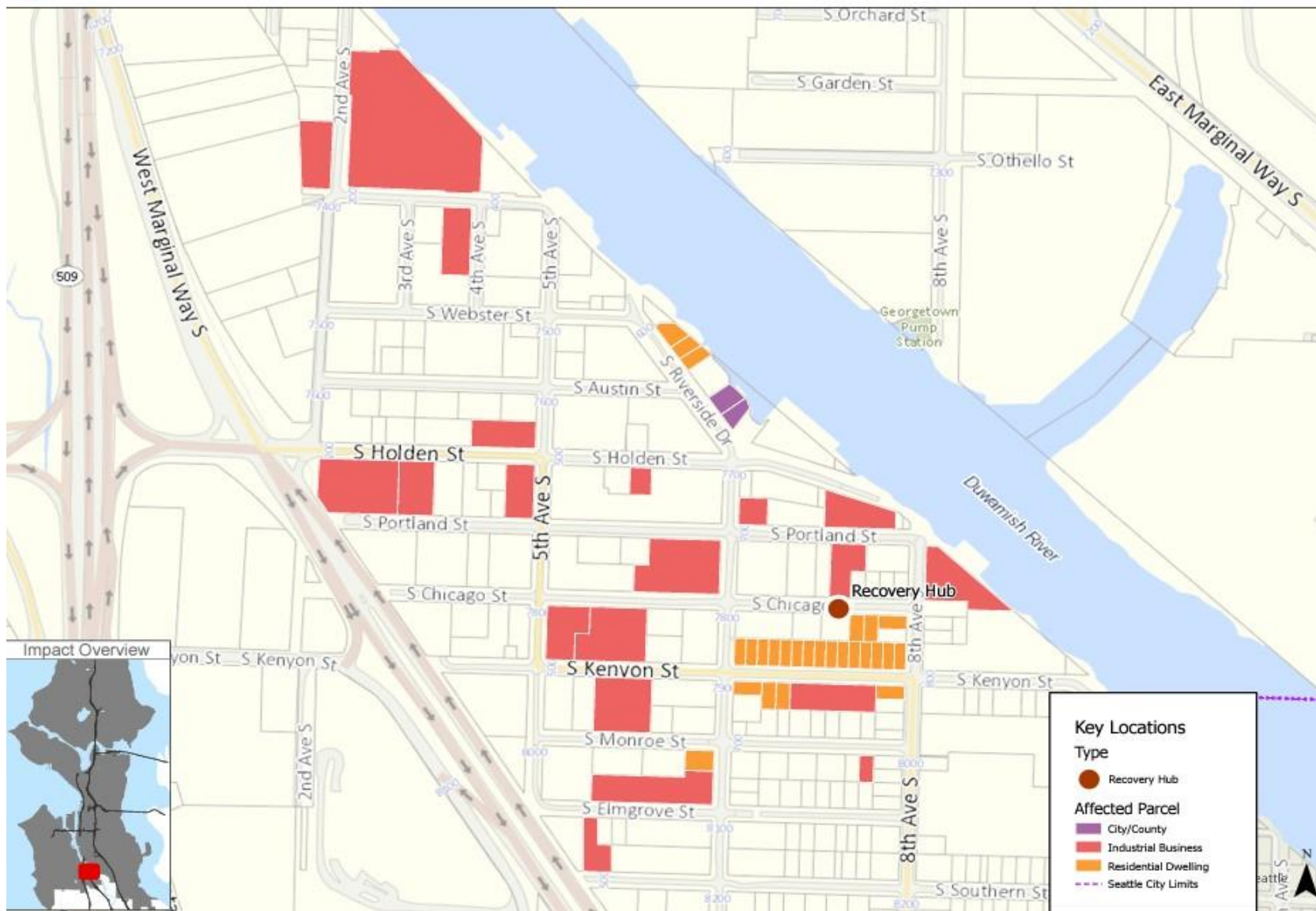


City of Seattle



December 2022 South Park Flood

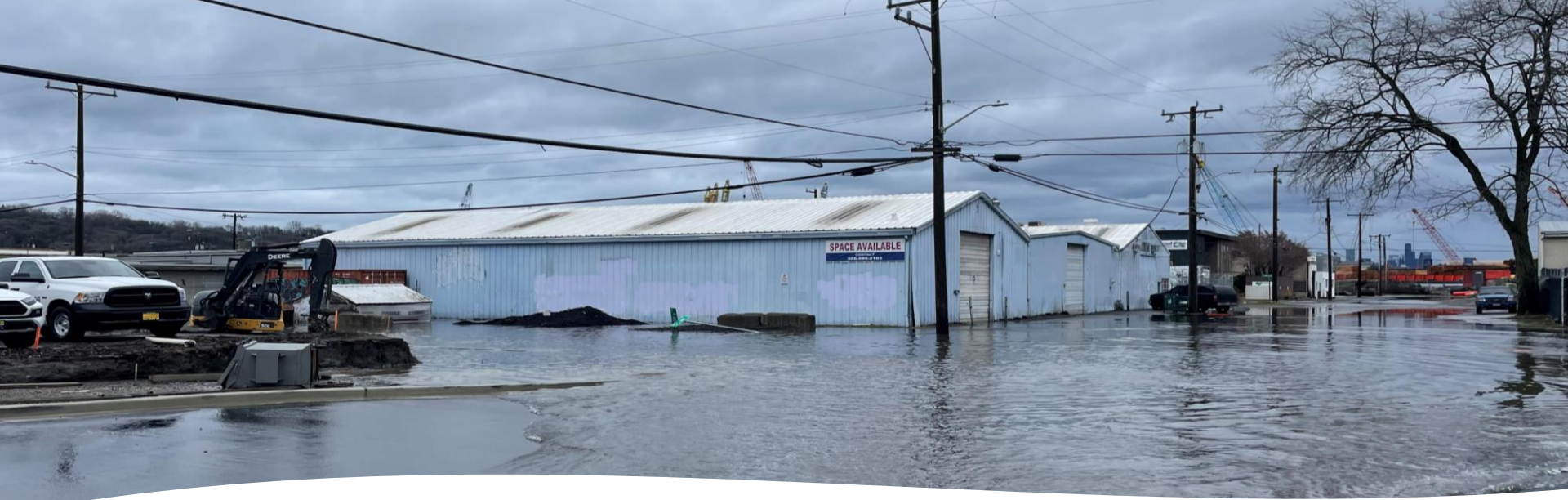
Seattle City EOC
updated: 1/5/2023 2:00pm



Seattle Office Of Emergency Management



City of Seattle



Office of Emergency Management

- Flooding in South Park started on December 27th
- An extreme storm; very low pressure, extreme King Tide, heavy rain resulting in Duwamish River overtopping its banks
- 49 properties – homes and businesses impacted
- 14 agencies involved
 - City departments & Community Based Orgs (CBOs)
- Urban flooding response, then recovery effort

Office of Emergency Management

- Now assisting with on-scene project management for recovery efforts
 - OEM does not usually work on-scene
 - Recovery focus makes this incident unique
- Community connections with Khmer and Villa Comunitaria
- Working with King County & State Emergency Management organizations to find possible funding opportunities



Seattle Public Utilities Response

Pre-storm Preparedness

- Wet Weather Preparedness
- Prepared for King Tides: staged resources before Dec. 27 storm
- Just Health Action contract for community preparedness
- Installed grinder pumps and backflow preventers in high impact homes
- Sandbag stations in community

Dec 27, 2022 Storm Event

- Exceeded predicted intensity from NOAA/NWS and SPU's readiness preparation

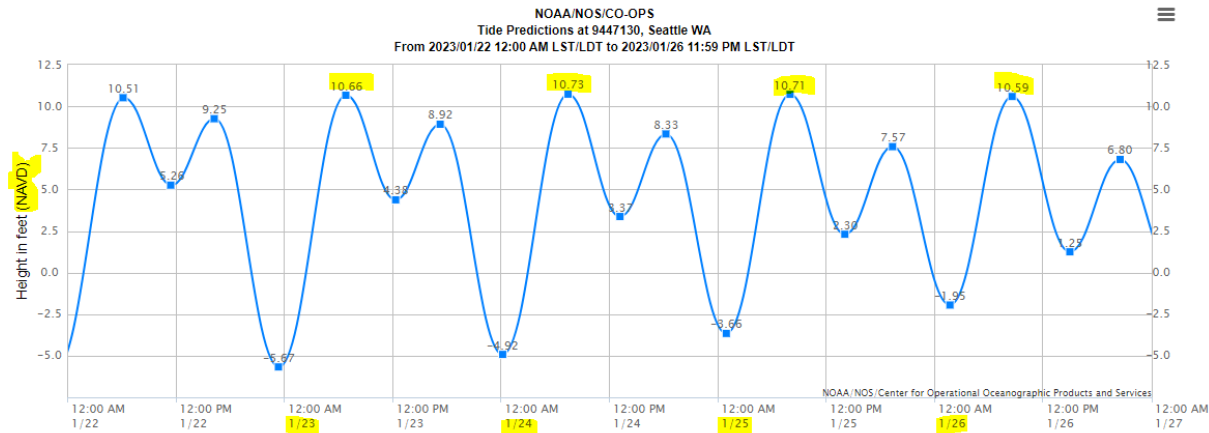
SPU initiated the response

- Infrastructure assessment, sandbags
- Emergency housing for 15 families
- Engaged OEM, worked with Mayor's office leadership
- Significant coordination with City depts, community partners
- Coordination trailer, meeting tents, portable toilets, sinks, shower, laundry
- Clean City solid waste/debris collection/sharps collection kits
- In-home clean-up
- Media Response



Preparing for January King Tide

- Next King Tides expected last week of January
- Incident Command Structure in place
- Predicted tides: 10.6-10.7' (Dec 27 water level was 12.8')
- SPU identifying riverside bank low points and sandbagging opportunities
- Install berm at SPU pump station site prior to next King Tide
- SPU communication with residents and businesses on preparation strategies



Preparing for Sea Level Rise

Planning

Duwamish Valley Resilience District

- Grant-funded OSE/OPCD/SPU sea level rise adaptation planning with South Park and Georgetown community members

SPU sea level rise adaptation planning (pictured on right)

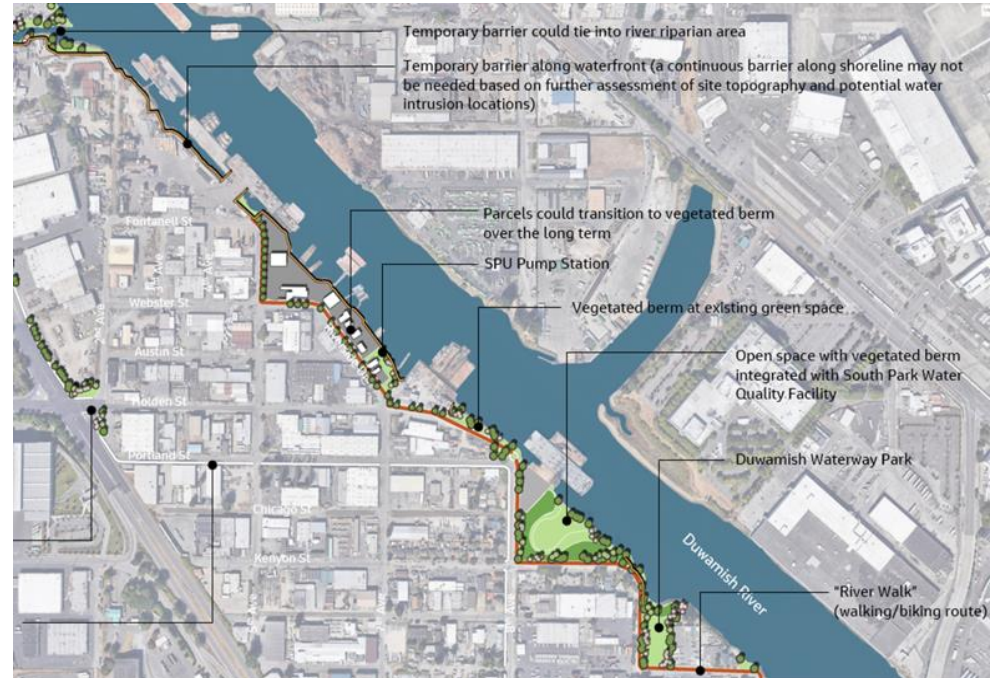
- Future property acquisition
- Physical infrastructure construction to prevent future shoreline flooding

Funding Opportunities

Federal

- US Army Corps of Engineers
 - 2017 Corps-SPU Planning Study
 - New Start Program
- BRIC Grant

King County Flood Control District



Key SPU and Partner Actions: To-Date and Future

Project	Lead	Funding	Complete/ 2023	2024	2025	2026	2027	2028	2029	2030+
Preliminary South Park CBA/ Flood Risk Management Study Possible next step: USACE New Start funding	US Army Corps of Engineers	USACE/SPU	Ongoing opportunity under consideration							
Prelim Sea Level Rise (SLR) Adaptation Strategy	Jacobs	SPU	✓							
Stormwater Drainage Improvements, Phase 1	SPU	SPU/SDOT	Pump Station, Drainage + Roadway Improvements					Stormwater Quality Facility		
Resilience District: SLR Adaptation/Community Capacity/Funding	OSE/OPCD/ SPU	Robert Wood Johnson Foundation								
Ongoing Operational Readiness	SPU	SPU								
Stormwater Drainage Improvements, Phase 2 (additional roadway improvements)	SPU, partner with SDOT	Possible KC Flood Control District, federal transportation funding	Currently in options analysis							
SLR Infrastructure - Planning & Prelim Design	OPCD/SPU	FEMA BRIC (Local match required)								
SLR Infrastructure - Design	TBD	TBD								
SLR Infrastructure - Permitting	TBD	TBD								
SLR Infrastructure - Construction	TBD	TBD								





SPU Next Steps

- Community Meetings:
 - Open House and community discussion last Saturday to support impacted residents
 - Late Jan/early Feb – community meeting on future investments and timeframes
- Next King Tide events week of January 23rd – ongoing preparedness work
- Community recovery - ongoing
- Community SLR resilience planning and action



Human Service Department Response

Role: HSD is responsible for the coordination of the City's Emergency Support Function 6 (ESF #6) Mass Care, Housing, and Human Services

HSD Response:

- Regular coordination meetings with Community-Based Organizations (CBOs) who are taking the lead on culturally appropriate and in-language service for impacted communities
- Utilizing ongoing HSD programs/contracts and invested \$35,000 into new emergency contracts for case management and need response
- Coordinating with CBOs and American Red Cross on meeting non-shelter needs including:
 - Medical support
 - Transportation
 - Food
 - Primary school coordination
 - Pet care
 - Utility Discount Program



HSD Response

Thank you to the CBO's supporting the response.

HSD's guiding partnership principles with Community Based Organizations (CBOs)

- Ensuring all impacted households receive a check-up every 24 to 48 hours
- Assigning unassigned families to a culturally and linguistically appropriate CBO
- Ensuring impacted families have a housing option and food option
- Ensuring timely and accurate sharing of information to CBOs, to community members and to city departments

Work ahead

- Property owners will determine safe return per property
- Continue offering housing and need option to support transitions



Summary

- Recovery efforts involved multiple departments and agencies
- Engagement and interaction with Community Based Organizations (CBOs) critical
- Ongoing operations
 - After Action Report and Improvement Plan to be developed once operations have concluded.

