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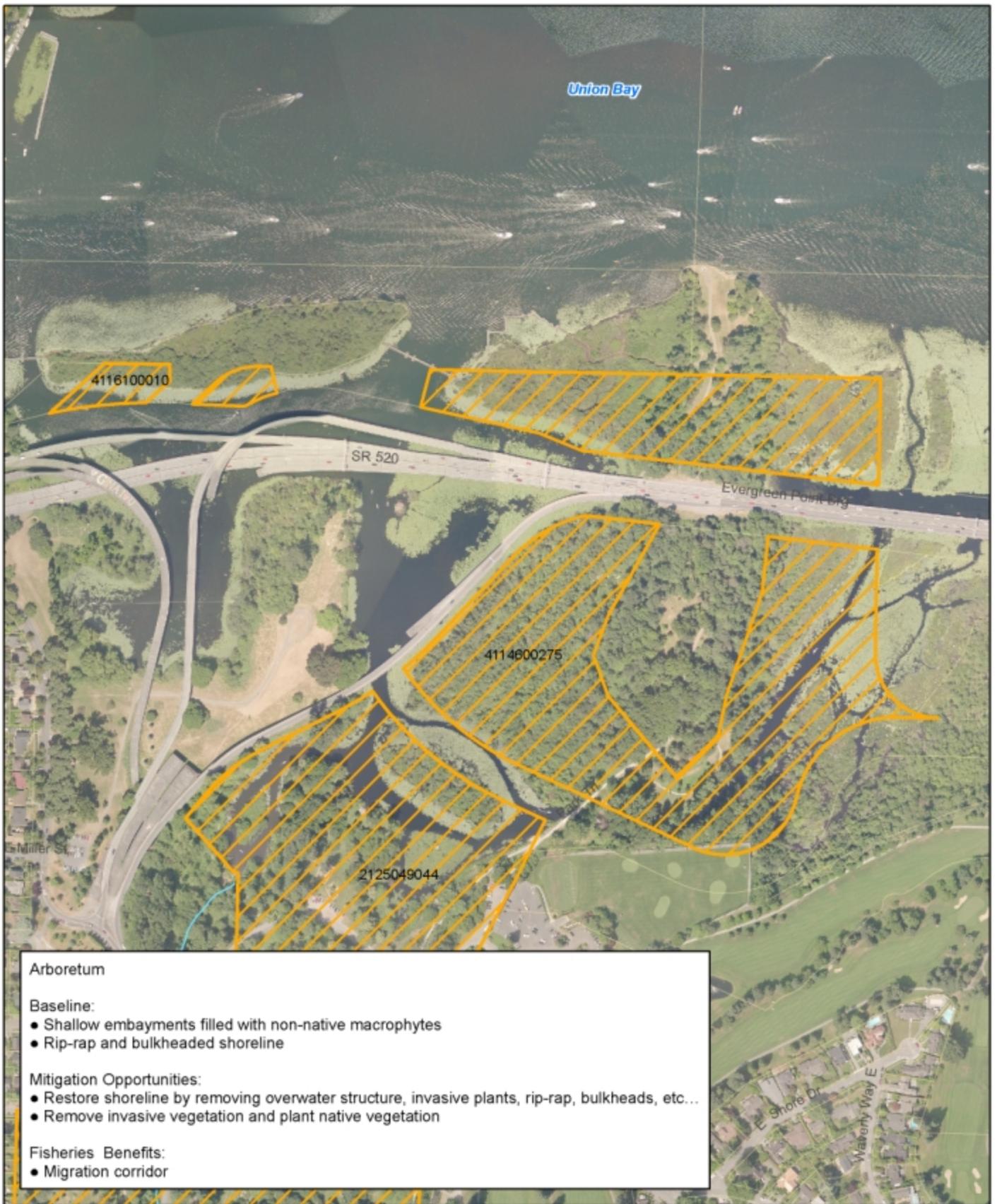
Appendix D –

Detailed Site Maps and Descriptions of Baseline Conditions and Mitigation Opportunities at Pare 2 Mitigation Sites

(Site descriptions are listed in alphabetical order by site name and order does not indicate priority)

(25 sheets)

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Aurora Bridge (WSDOT)

Baseline:

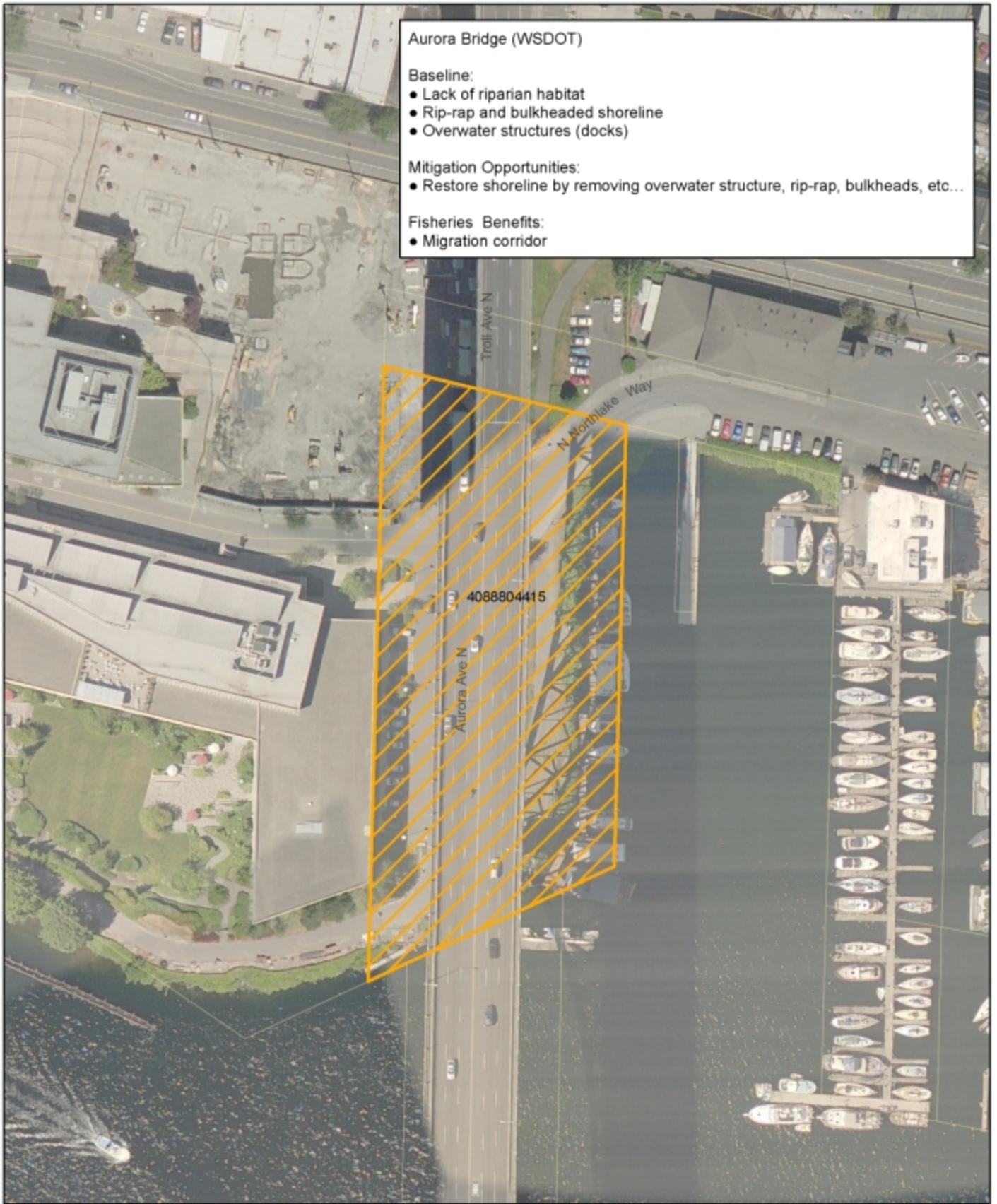
- Lack of riparian habitat
- Rip-rap and bulkheaded shoreline
- Overwater structures (docks)

Mitigation Opportunities:

- Restore shoreline by removing overwater structure, rip-rap, bulkheads, etc...

Fisheries Benefits:

- Migration corridor



Candidate Site

	Parcel
	Lake Washington
	Ship Canal
	Marine
	Riverine

Stream

Aurora Bridge



Lower Bear Creek

Baseline:

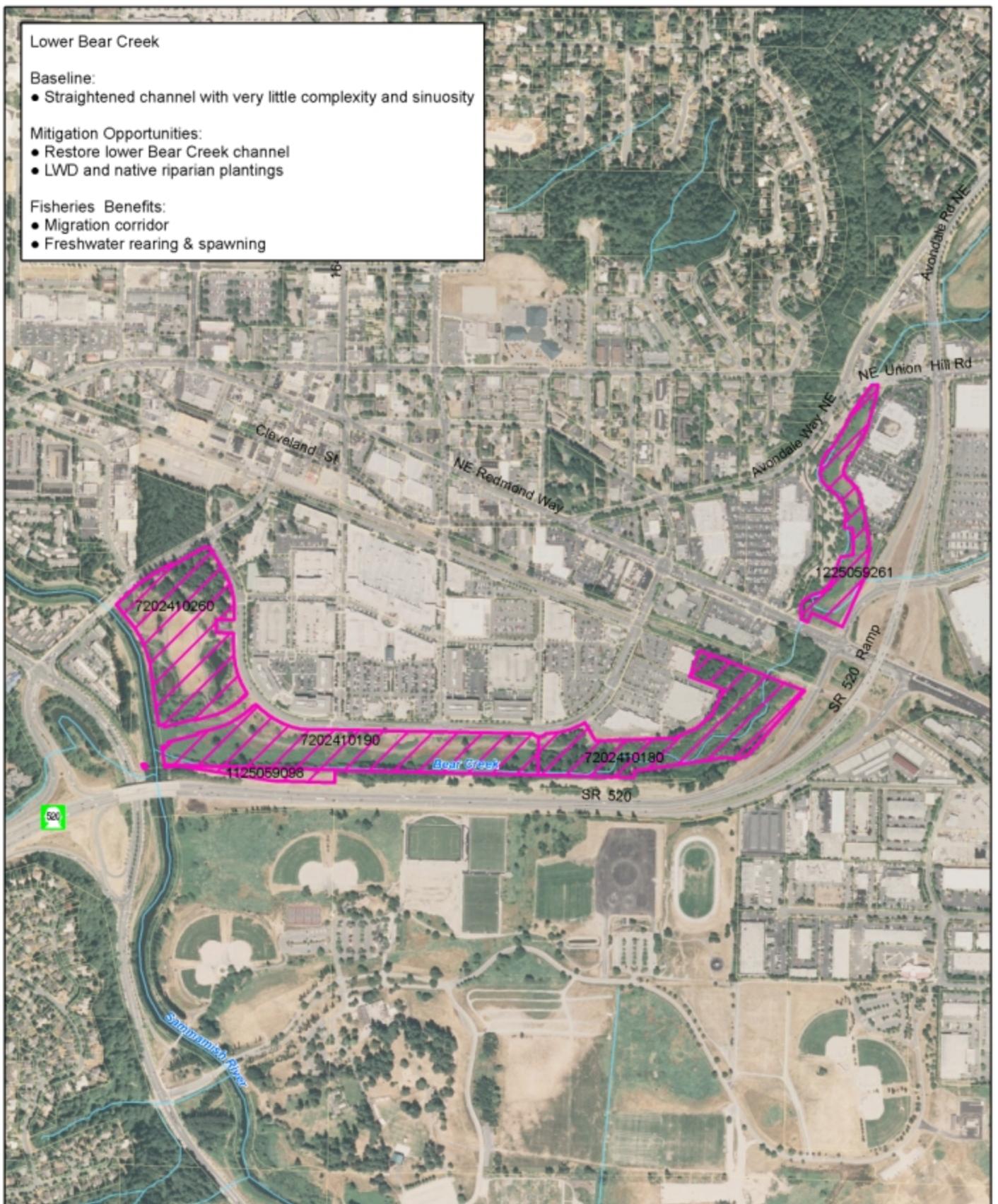
- Straightened channel with very little complexity and sinuosity

Mitigation Opportunities:

- Restore lower Bear Creek channel
- LWD and native riparian plantings

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & spawning



Lower Bear Creek





Beer Sheva Park (South)

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Daylight Mapes Creek through park and create a new delta into Lake Washington

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging

Pritchard Island Beach (North)

Baseline:

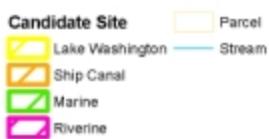
- Lack of riparian habitat
- Rip-rap and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing overwater structures, rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Create gently sloping shorelines with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Beer Sheva Park and Prichard Island Beach

Black River Pump Station

Baseline:

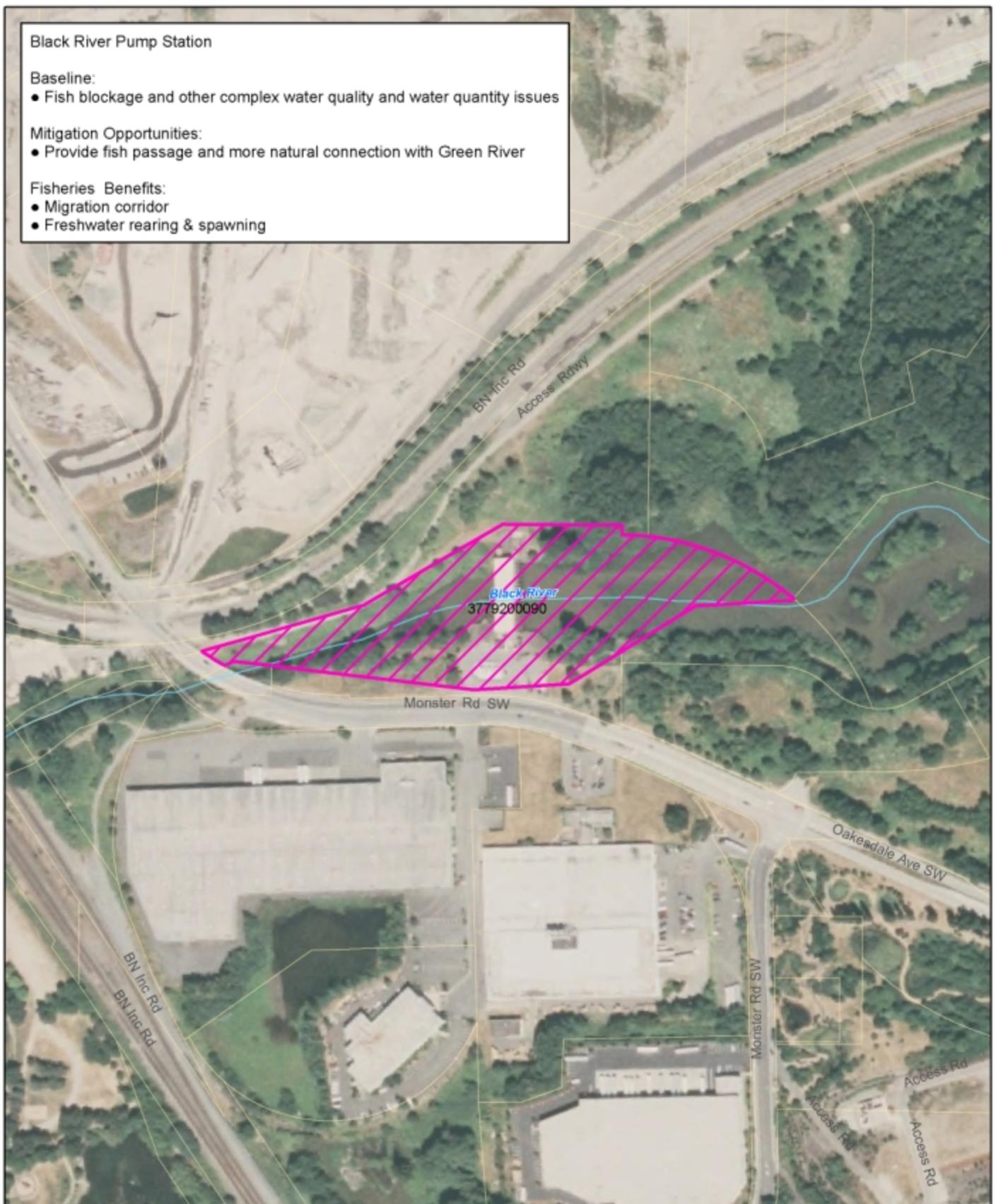
- Fish blockage and other complex water quality and water quantity issues

Mitigation Opportunities:

- Provide fish passage and more natural connection with Green River

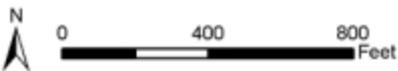
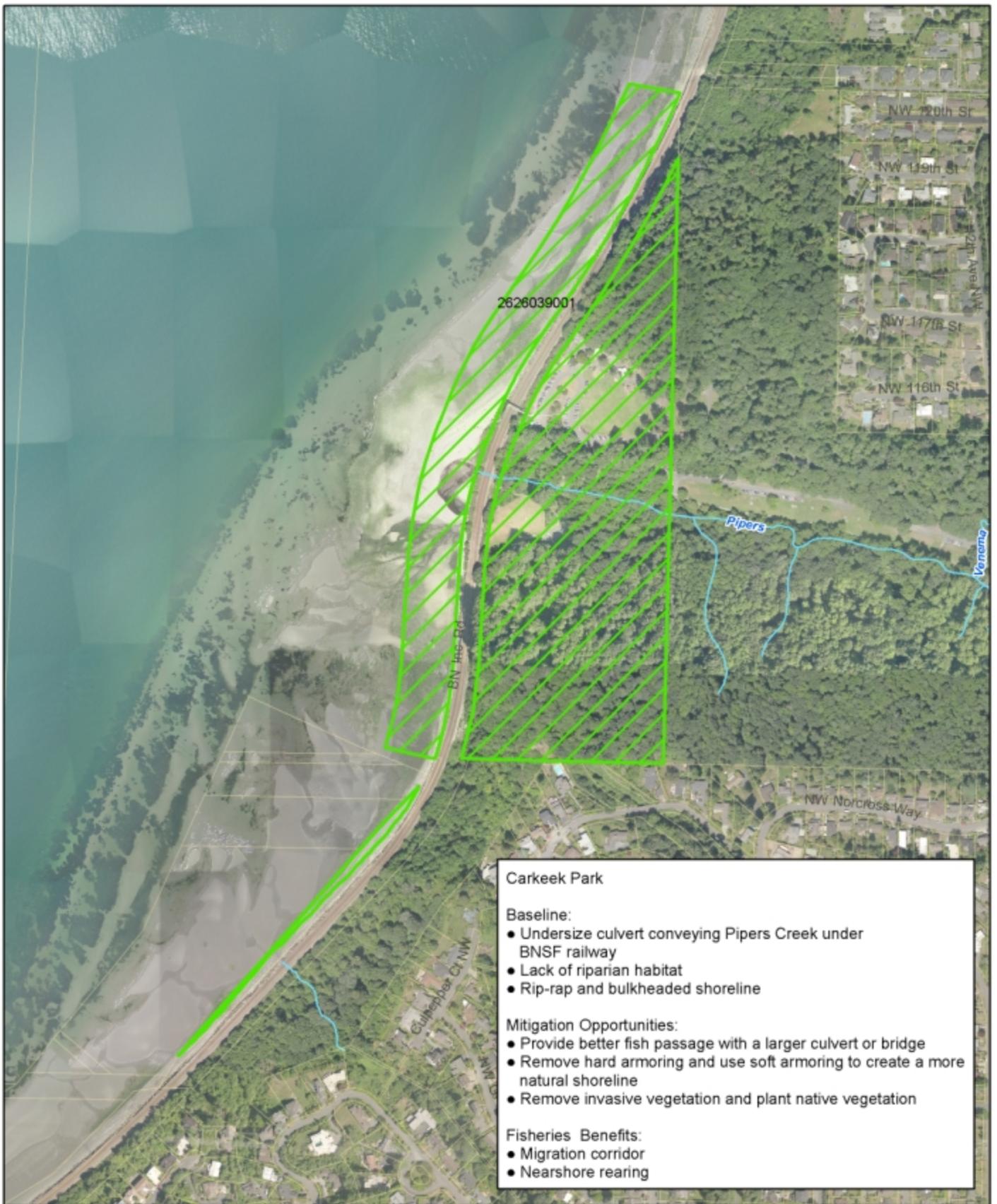
Fisheries Benefits:

- Migration corridor
- Freshwater rearing & spawning

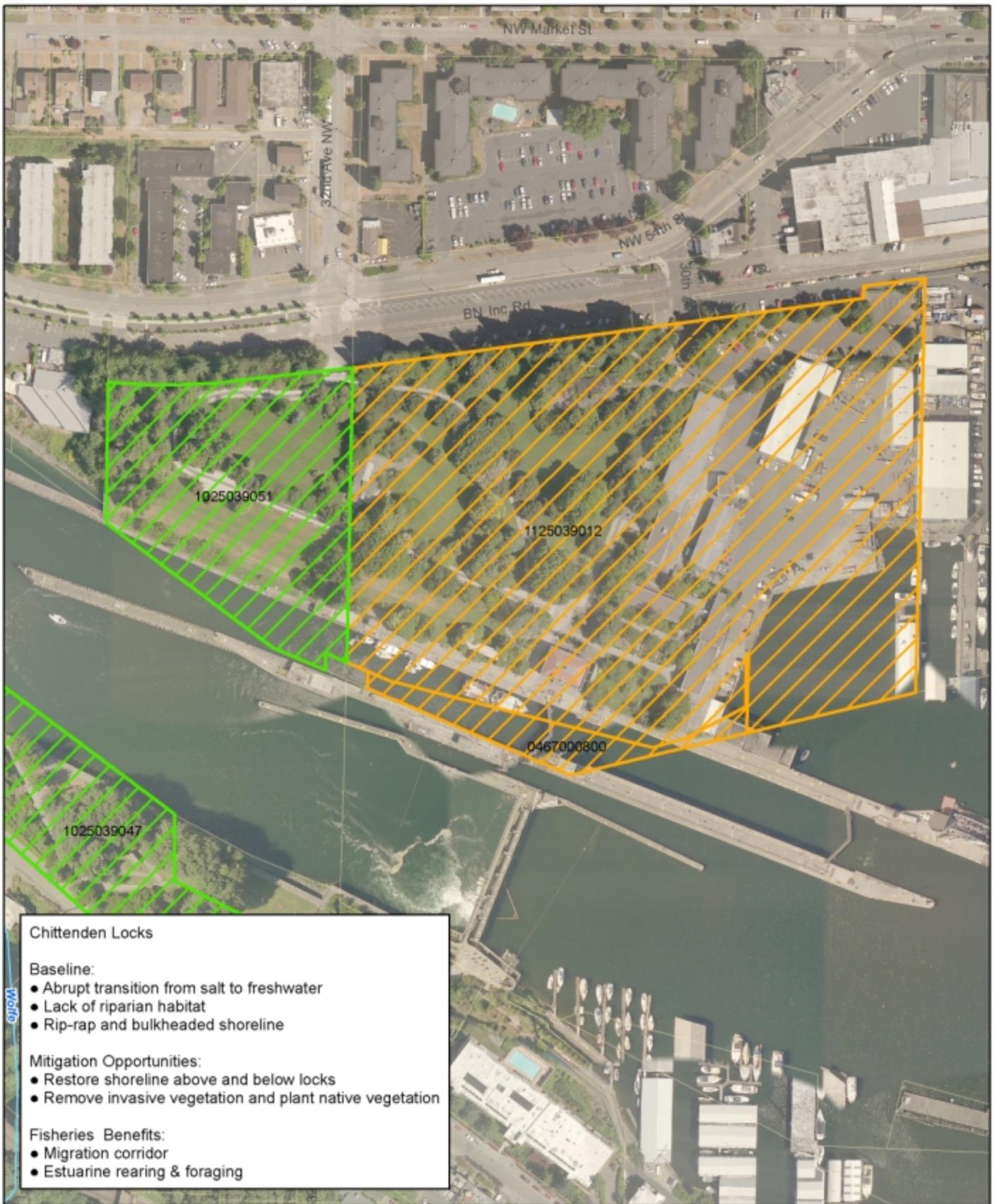


Black River Pump Station





Carkeek Park



Chittenden Locks

Commodore Park/Wolfe Creek

Baseline:

- Lack of riparian habitat
- Rip-rap and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing overwater structure, rip-rap, bulkheads, etc...
- Create freshwater pocket estuary by daylighting Wolfe Creek into Salmon estuary
- Remove invasive vegetation and plant native vegetation

Fisheries Benefits:

- Migration corridor
- Estuarine rearing & foraging



Commodore Park/Wolfe Creek





Gene Coulon Park

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging

DNR Parcel

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate
- Restore old power plant outlet

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Gene Coulon Park and DNR Parcel



Lake Union Industrial Parcels

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, overwater structures, and bulkheads
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor



Lake Union Industrial Parcels



Luther Burbank Park

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Luther Burbank Park



Madrona Park & Lake Washington Blvd.

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Candidate Site

- Parcel
- Lake Washington
- Ship Canal
- Marine
- Riverine
- Stream

Madrona Park



Magnuson Park

Baseline:

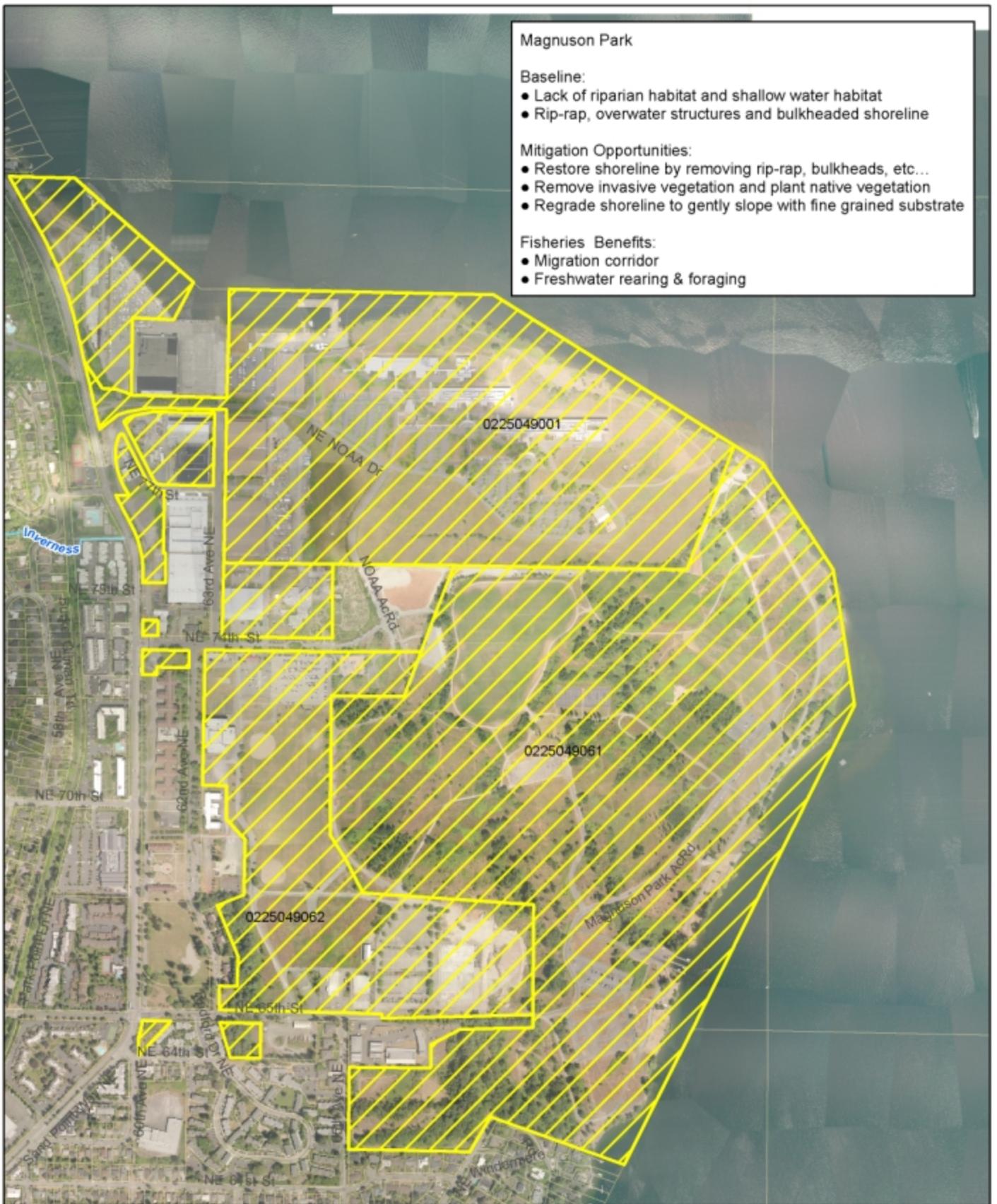
- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

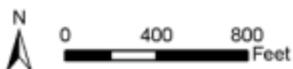
- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Magnuson Park



Martha Washington Park

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Martha Washington Park



City of Bellevue Meydenbauer Bay Park
(City of Bellevue has acquired additional waterfront parcels to create a larger waterfront park)

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing, overwater structures, rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant/enhance native vegetation
- Remove residential structures and landscape using native vegetation

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Meydenbauer Bay Park

NOAA property

Baseline:

Lack of riparian habitat and shallow water habitat
Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

Restore shoreline by removing rip-rap, bulkheads, etc...
Remove invasive vegetation and plant native vegetation



Montlake Park

Baseline:

- Lack of riparian habitat
- Rip-rap, and overwater structures on shoreline
- Shallow water offshore infested with invasive macrophytes

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation

Fisheries Benefits:

- Migration corridor



Montlake Park and NOAA Property



Newcastle Beach

North Creek

Baseline:

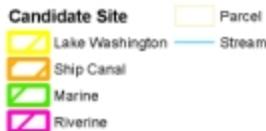
- Urbanized creek with constrained channel

Mitigation Opportunities:

- Remove invasive vegetation and plant/enhance native vegetation

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & spawning



North Creek

Rainbow Bend (east) and Lions Property (west)

Baseline:

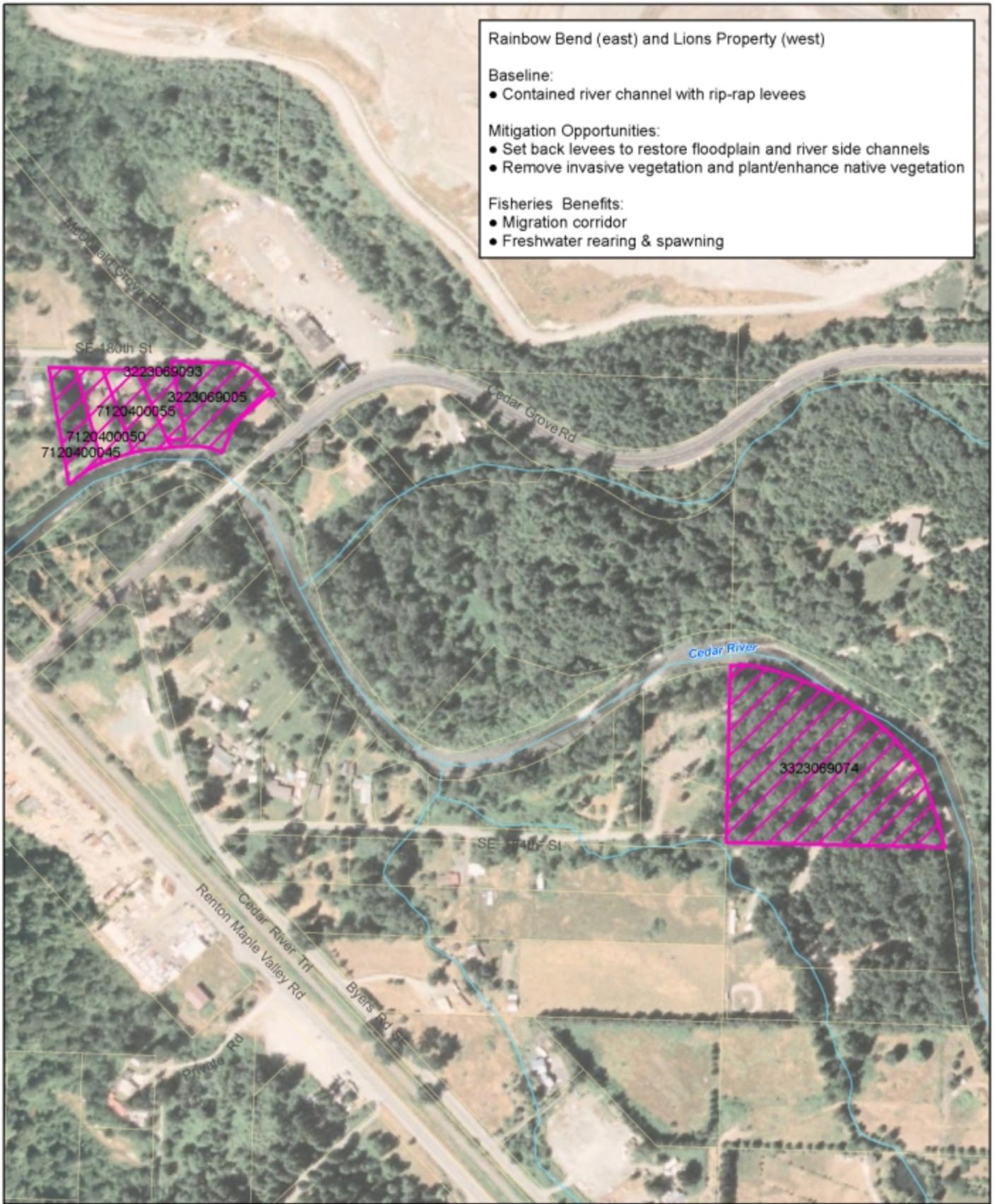
- Contained river channel with rip-rap levees

Mitigation Opportunities:

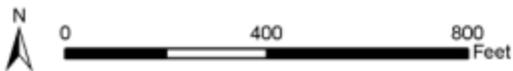
- Set back levees to restore floodplain and river side channels
- Remove invasive vegetation and plant/enhance native vegetation

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & spawning



Rainbow Bend and Lions Property



Rainier Beach Lake Park

Baseline:

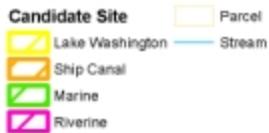
- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Remove invasive vegetation and plant/enhance native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Rainier Beach Lake Park





Seward Park

Baseline:

- Lack of riparian habitat and shallow water habitat
- Rip-rap, overwater structures and bulkheaded shoreline

Mitigation Opportunities:

- Restore shoreline by removing rip-rap, bulkheads, etc...
- Remove invasive vegetation and plant native vegetation
- Regrade shoreline to gently slope with fine grained substrate

Fisheries Benefits:

- Migration corridor
- Freshwater rearing & foraging



Seward Park

Shilshole Marina Breakwater

Baseline:

- Breakwater with large boulders

Mitigation Opportunities:

- Create shallow terraces, gently sloping sandy beach and artificial surface habitat on west side of breakwater to provide complexity and nearshore habitat for juvenile salmonids emigrating from the locks

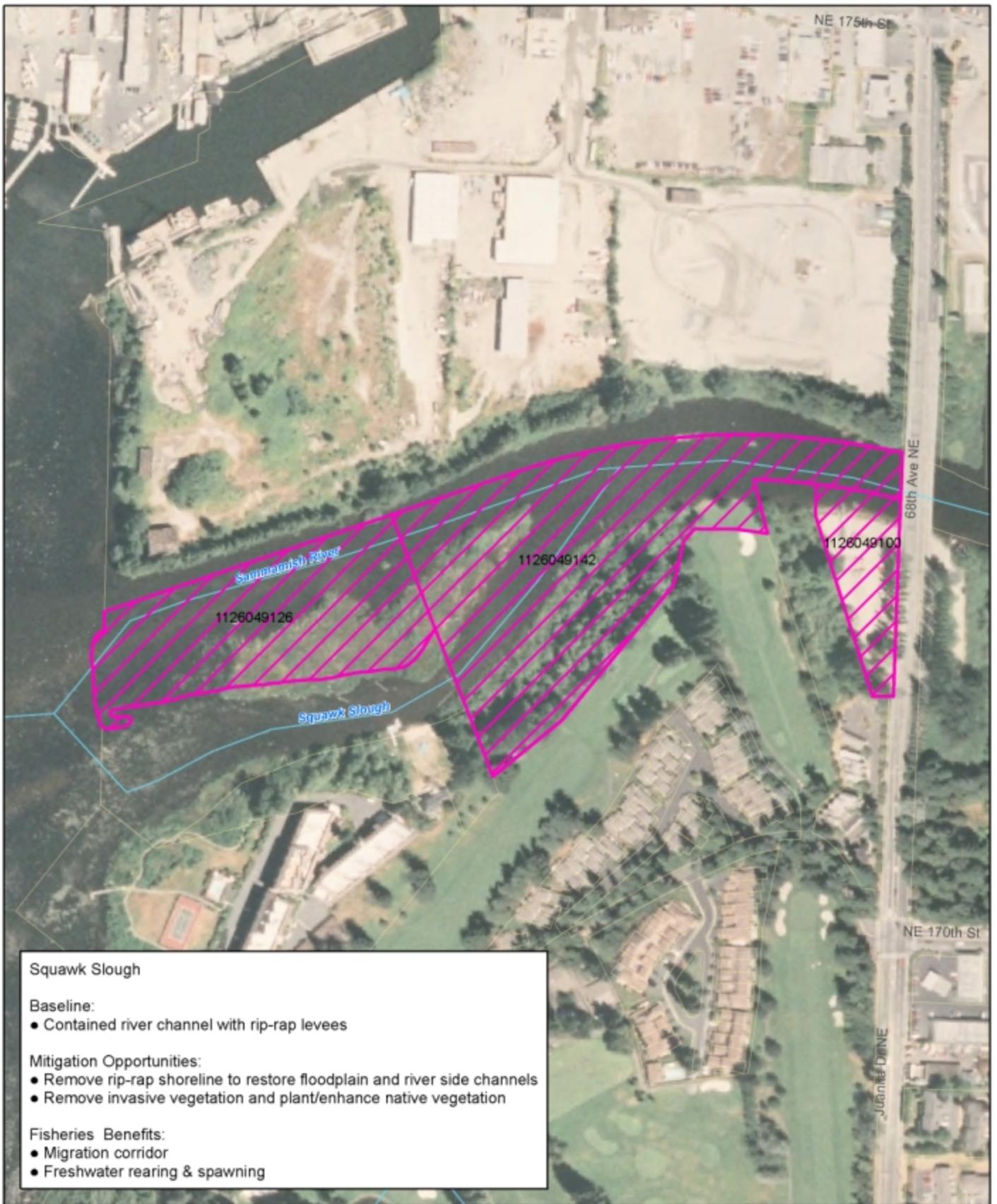
Fisheries Benefits:

- Migration corridor
- Nearshore rearing



Shilshole Marina





Squawk Slough

Baseline:

- Contained river channel with rip-rap levees

Mitigation Opportunities:

- Remove rip-rap shoreline to restore floodplain and river side channels
- Remove invasive vegetation and plant/enhance native vegetation

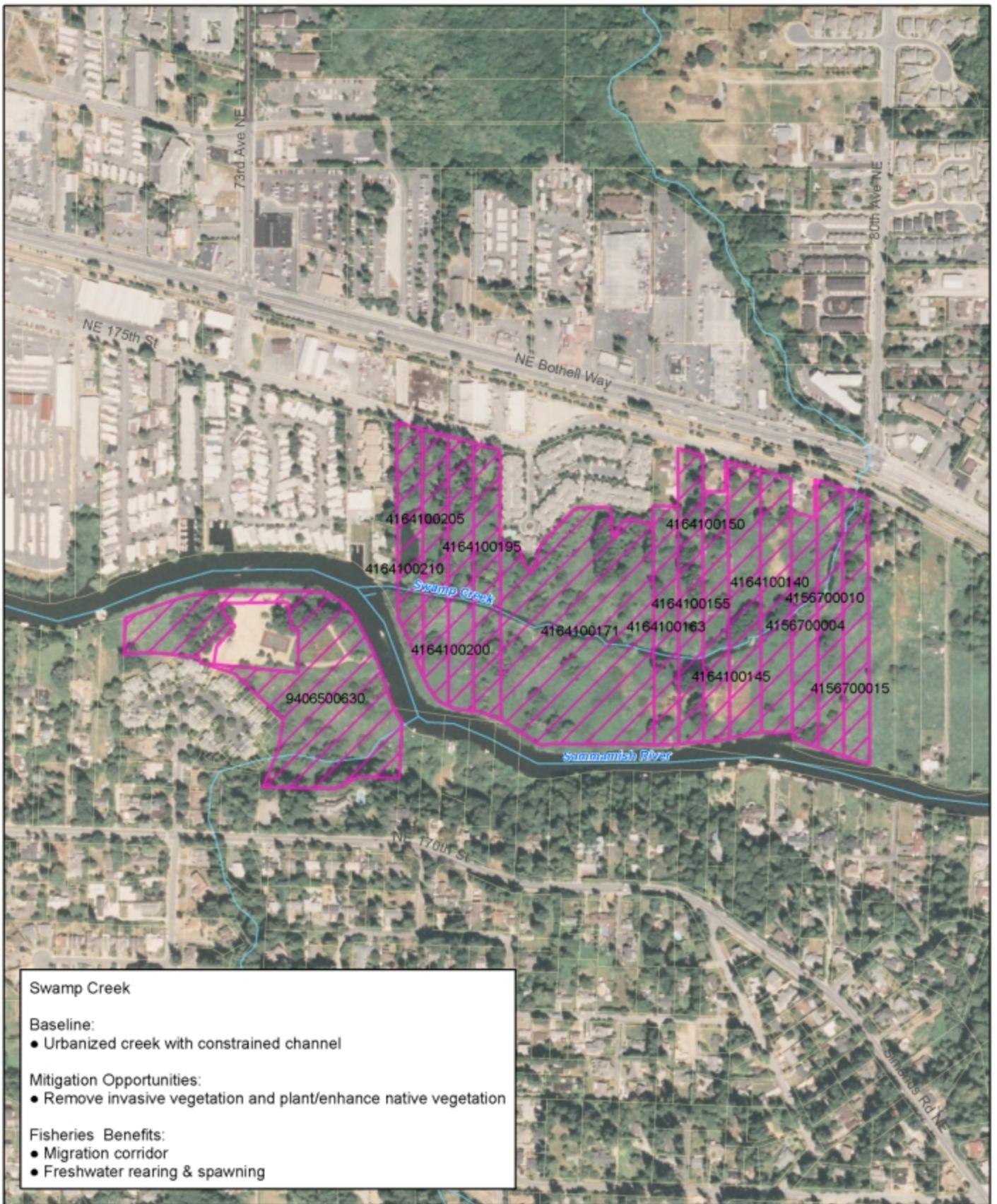
Fisheries Benefits:

- Migration corridor
- Freshwater rearing & spawning

- Candidate Site**
- Parcel
 - Lake Washington
 - Ship Canal
 - Marine
 - Riverine
- Stream

Squawk Slough





Swamp Creek





University of Washington - Union Bay

I-5 to Medina Bridge Replacement and HOV Project

