# APPENDIX A
# FRESHWATER AND MARINE DATA DICTIONARIES

# Freshwater Data Dictionary

*Shoreline Features*

Shoreline Slope

- <5:1 OLW-OHW
- <5:1 OLW>5:1OHW
- >5:1 OLW-OHW
- Vertical

Shoreline Armor

- None
- Rip-Rap
- Debris
- Stacked Concrete
- Vertical Concrete
- Anchored Logs
- Vertical Wood
- Other
- Sheetpile

Average Armor Depth

Armor Notes

Primary Substrate Size

- Silt or Clay
- Sand
- Small Gravel 0.1-0.5"
- Med Gravel 0.5-1.5"
- Large Gravel 1.5-3"
- Cobble 6-12"
- Boulder >12"
- Bedrock
- Other

Secondary Substrate Size

- Silt or Clay
- Sand
- Small Gravel 0.1-0.5"
- Med Gravel 0.5-1.5"
- Large Gravel 1.5-3"
- Cobble 6-12"
- Boulder >12"
- Bedrock
- Other

Substrate Notes

Percent Overhanging Vegetation @ OHW

Vegetation Type

- Native
- Non-Native
- Invasive
- Other (mixed)

Vegetation Notes

LWD

- LWD Pieces below OLW
- LWD at OLW
- LWD above OLW
- LWD Notes

Reach Notes

Photo Number

*Docks & Piers*

- Length Waterward at OLW
- Width at OLW
- Number of slips
- Use Type
    - Day Use Only
    - Marina
    - Other
- Dock Notes

*Ramps*

Ramp Type

- Active Public Ramp
- Active, Not Public
- Inactive Ramp
- Other

Ramp Notes

*Streams*

Mouth Type

- Unmodified
- Modified
- Culverted
    - Culvert Diameter
    - Culvert Angle
    - Culvert Drop
- Other
- Stream Notes
- Adjacent Outfall
    - True

- False

## Marine Data Dictionary

*Shoreline Features*

Shoreline Slope

- <5:1MLW-MHW
- <5:1MLW>5:1MHW
- >5:1MLW-MHW
- Vertical

Shoreline Armor

- None
- Rip-Rap
- Debris
- Stacked Concrete
- Vertical Concrete
- Anchored Logs
- Vertical Wood
- Other
- Sheetpile

Armor Notes

Toe Depth Below MLLW

Forage Fish Habitat

- High
- Medium
- Low

Primary Substrate Size

- Silt or Clay
- Sand
- Small Gravel 0.1-0.5"
- Med Gravel 0.5-1.5"
- Large Gravel 1.5-3"
- Cobble 6-12"
- Boulder >12"
- Bedrock
- Other

Secondary Substrate Size

- Silt or Clay
- Sand
- Small Gravel 0.1-0.5"
- Med Gravel 0.5-1.5"
- Large Gravel 1.5-3"
- Cobble 6-12"
- Boulder >12"
- Bedrock

- Other

Substrate Notes
Percent Overhanging Vegetation @ MHHW
Vegetation Type

- Native
- Non-Native
- Invasive
- Other (mixed)

Vegetation Notes
LWD

- LWD Anchored X-Shore
- LWD Longshore @ MHHW
- LWD Backshore
- LWD Notes

Reach Notes
Photo Number

*Docks & Piers*

- Length Waterward
- Width
- Number of slips
- Use Type
    - Day Use Only
    - Marina
    - Other
- Dock Notes

*Ramps*
Ramp Type

- Active Public Ramp
- Active, Not Public
- Inactive Ramp
- Other

Ramp Notes

*Streams*
Mouth Type

- Unmodified
- Modified
- Culverted
    - Culvert Diameter
    - Culvert Angle
    - Culvert Drop

- Other
- Stream Notes
- Adjacent Outfall
    - True
    - False

# APPENDIX B
# DECISION RULES FOR HABITAT PARAMETERS

| Habitat Parameter | Characteristic | Habitat Value |
|---|---|---|
| Slope | Vertical | low |
| | >5:1 MLW-MHW | low |
| | <5:1 MLW, >5:1 MHW | medium |
| | <5:1 MLW-MHW | high |
| | >5:1 OLW-OHW | low |
| | <5:1 OLW, >5:1 OHW | medium |
| | <5:1 OLW-OHW | high |
| Armoring | toe depth extends into lake or intertidal zone | low |
| | toe depth does not extend into lake or intertidal zone | medium |
| | no armoring | high |
| Substrate | artificial (e.g., concrete) | low |
| | bedrock | low |
| | boulders (>12") | low |
| | cobble (6 - 12") | low |
| | cobble with large gravel or quarry spall | low |
| | cobble with med gravel | low |
| | cobble with sand | low |
| | large gravel (3 - 6") | low |
| | large gravel with riprap, boulders, quarry spall, or rubble | low |
| | large gravel with cobble | low |
| | large gravel with sand, small or med gravel | medium |
| | med gravel with riprap, boulders, or quarry spall | medium |
| | med gravel with large gravel | medium |
| | sand with large gravel | medium |
| | med gravel (0.5 - 1.5") | high |
| | med gravel with sand or silt | high |
| | med gravel with small gravel | high |
| | small gravel (0.1 - 0.5") | high |
| | small gravel with sand | medium |
| | sand with cobble | medium |
| | sand with med gravel | high |
| | sand with gravel | high |
| | sand | high |
| | silt/clay or sand w/ silt/clay | medium |
| Forage fish substrate | low | low |
| | medium | medium |
| | high | high |

| | | |
|---|---|---|
| Overhanging Vegetation | native with >50% overhanging vegetation | high |
| | native with 10 - 50% overhanging vegetation | medium |
| | native with 0 - 10% overhanging vegetation | low |
| | non-native with >50% overhanging vegetation | medium |
| | non-native with 10 - 50% overhanging vegetation | low |
| | non-native with 0 - 10% overhanging vegetation | low |
| | mixed vegetation with >50% overhanging vegetation | high |
| | mixed vegetation with 10 - 50% overhanging vegetation | medium |
| | mixed vegetation with 0 - 10% overhanging vegetation | low |
| | invasive with >50% overhanging vegetation | medium |
| | invasive with 10 - 50% overhanging vegetation | low |
| | invasive with 0 - 10% overhanging vegetation | low |
| LWD | in lake at OLW | high |
| | in lake between OLW and OHW | medium |
| | in lake at OHW | low |
| | in Puget Sound longshore (transient driftwood) | medium |
| | in Puget Sound anchored to shore | high |
| | in Puget Sound backshore (resident driftwood) | low |

# APPENDIX C
# DECISION RULES FOR RESTORATION AND CONSERVATION PRIORITIES

## Site Feature and Location Considerations

| Habitat Potential Classification | | Landscape Consideration Classification | | Combined Habitat Improvement Classification |
|---|---|---|---|---|
| Low | with | Low | = | Very Low |
| Low | with | Medium | = | Low |
| Low | with | High | = | Low |
| Medium | with | Low | = | Medium |
| Medium | with | Medium | = | Medium |
| Medium | with | High | = | Very High |
| High | with | Low | = | Medium |
| High | with | Medium | = | High |
| High | with | High | = | Very High |

## Restoration Priority Considerations

| Combined Habitat Improvement Classification | | Restoration Feasibility Classification | | Reach Restoration Priority |
|---|---|---|---|---|
| Very Low | with | Feasible | = | Very Low – Good Quality Habitat |
| Very Low | with | Moderately Feasible | = | Very Low – Good Quality Habitat |
| Very Low | with | Constrained | = | No Action – Use Conflict |
| Low | with | Feasible | = | Low |
| Low | with | Moderately Feasible | = | Low |
| Low | with | Constrained | = | No Action – Use Conflict |
| Medium | with | Feasible | = | High |
| Medium | with | Moderately Feasible | = | Medium |
| Medium | with | Constrained | = | No Action – Use Conflict |
| High | with | Feasible | = | Very High |
| High | with | Moderately Feasible | = | High |
| High | with | Constrained | = | No Action – Use Conflict |
| Very High | with | Feasible | = | Very High |
| Very High | with | Moderately Feasible | = | Very High |
| Very High | with | Constrained | = | No Action – Use Conflict |
| Low – Excellent Quality Habitat | | -- | | No Action – Conserve Excellent Quality Habitat |

## Landscape Considerations

| Location | Classification | Reason for Landscape Consideration |
|---|---|---|
| South of Seward Park | High | Proximity to mouth of Cedar River |
| Seward Park | Medium | Proximity to mouth of Cedar River |
| North of Seward Park | Medium | Proximity to mouth of Cedar River |
| North of I-90 | Low | Proximity to mouth of Cedar River |
| Mathews Beach | Medium | Proximity to mouth of Thornton Creek |
| Carkeek Park | Medium | Proximity to mouth of Piper's Creek |
| Alki Beach (west shore) | High | Proximity to forage fish spawning area |
| Golden Gardens | High | Proximity to forage fish spawning area |
| Lincoln Park | High | Proximity to forage fish spawning area |

# APPENDIX D
# TABLE OF RESTORATION AND CONSERVATION PRIORITIES

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Rainier Beach Lake Park** | 32 | Steep slope, fish use documented; med/large substrate, mixed veg w/ high cover | Remove invasives | Steep slope is a characteristic of existing hillside. | **Low** | **High** | **Low** | Reach at south end (reach 32) has high habitat function already. Recommend that this reach be conserved and not developed in the future. | | | **Feasible** | **Low Priority** | With marina removal, high potential for fish habitat restoration. Recommend that marina removal and slope adjustment take place for marina reach, along with planting of native veg to create cover. Recommend low-impact invasive removal. | A-1 |
| | 33 | Marina and docks; NPDES outfall | Remove armor and marina; plant natives to increase cover | Avoid damage to existing native veg | **High** | **High** | **Very High** | | High flexibility; marina removal may be acceptable | Existing marina has recreational use value | **Moderately Feasible** | **Very High Priority** | | |
| **Atlantic City Boat Ramp and Beer Sheva Park** | 35 | Gentle slope, debris with sparse in-water riprap; med. substrate, native veg w/ half cover. | Remove armor, plant natives to increase cover | | **Low** | **High** | **Low** | | | | **Feasible** | **Low Priority** | Recommend removing armor and planting natives. Boat ramp will be narrowed from 6 to 4 lanes in 2004 and soft shore mitigation package will be added to benefit reach 36; Mapes Creek will be daylighted by SPU as well (reach 38). | A-1 |
| | 36 | Atlantic City Boat Launch; NPDES outfall | Remove boat launch | | **High** | **High** | **Very High** | | No flexibility to remove, but some flexibility to modify. | Boat Launch removal would interfere with primary recreational use | **Constrained** | **No Action - Use Conflict** | | |
| | 37 | Gentle slope, riprap armor, med. fine substrate; NPDES outfall and 3 SPU outfalls | Remove armor, plant natives to increase cover | | **Med** | **High** | **Very High** | | Some flexibility; some or all armor may be removed and plantings could occur | Adjacent to boat launch | **Moderately Feasible** | **Very High Priority** | | |
| | 38 | Mod. steep slope, riprap armor w/ anch. logs, fine/organic substrate, native veg w/ high cover; Mapes Creek | Remove armor; plant natives to increase cover | | **Low** | **High** | **Low** | | | | **Feasible** | **Low Priority** | | |
| **Martha Washington Park** | 41 | Mod. steep slope, unarmored, med. substrate, native veg w/ no cover | Cut back slope, plant native veg to increase cover | Avoid damage to native veg and replanted area of this reach | **Low** | **High** | **Low** | Recommend conserving very small reach containing replanted area at south end of park (reach 41). | | | **Feasible** | **Low Priority** | Habitat has been replanted in southernmost reach area; armor is removable. Recommend removing armor, planting natives, & adjusting slope accordingly in reaches 42 and 43. Restoration could include removing as much rock as possible, except around large cottonwoods, creating "scalloped" shoreline edge to improve habitat diversity. | A-2 |
| | 42 | Mod. steep slope, riprap groins/armor, large substrate, mixed veg w/ little cover NPDES outfall and one SPU outfall; 2 pocket beaches | Remove armor, cut back slope, remove invasives, plant natives | Riprap groins are enclosing pocket beaches | **Med** | **High** | **Very High** | | | | **Feasible** | **Very High Priority** | | |
| | 43 | Vertical stacked rocks, riprap, large substrate, mixed veg, high cover, some invasives | Remove armor, cut back slope, place smaller substrate, remove invasives | | **Med** | **High** | **Very High** | | | | **Feasible** | **Very High Priority** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Pritchard Island Beach** | 39 | Gentle slope, anchored logs, med. fine substrate, mixed veg w/ no cover; one SPU outfall | Remove invasives, plant natives to increase cover | | **Low** | **Low** | **Very Low** | Conserve existing good slope and beach; discourage shoreline development of this park. | | | **Feasible** | **Very Low Priority - Good Quality Habitat** | Habitat value is fairly good here except for concrete wall and lack of riparian vegetation. Recommend removing wall (but not concrete steps), and installing plantings at edges of park, avoiding the middle portion of the park where views and recreational beach use are important. | A-1 |
| | 40 | Mod. steep slope, med. fine substrate, turf w/ no cover, beach steps at swim beach, northerly vertical wall | Cut back slope, remove concrete wall, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility;swim beach use and use of nearby turf area cannot be changed, so no plantings could occur, but removal of wall is possible. | High use area; planting near-water veg would interfere with recreational use | **Feasible** | **High Priority** | | |
| **Seward Park** | 44 | Vertical stacked rocks & riprap, med/large substrate, invasive veg w/ high cover; tennis courts | Remove armor, cut back slope, remove invasives, plant natives | Avoid damage to existing native veg | **Med** | **Med** | **Med** | Recommend conserving swim beach area (reach 54), northwest shore of peninsula (reach 53), and substrate at renourished / experiment area at northeast shore of peninsula (reach 51). | No flexibility, but vegetation improvements adjacent to tennis courts could still be undertaken | Distance from tennis court to water is very short; slope cutbacks are not possible without undermining courts or placing in-water fill | **Constrained** | **No Action - Use Conflict** | Habitat value is fairly good here already, except for areas of armoring, larger substrates and lack of riparian vegetation. Recommend removing armoring, placing smaller substrates, removing invasive vegetation, and planting native vegetation to increase cover on shores of peninsula, avoiding USACE study sites. This would allow restoration of habitats while preserving main recreational uses of the park. | A-2 |
| | 45 | Gentle slope, unarmored, fine substrate, turfgrass, no cover; SPU outfall | Plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 46 | Vertical stacked concrete, med. substrate, no cover; near art studio, parking lot | Remove armor, plant natives to increase cover | | **Med** | **Med** | **Med** | | No flexibility; restoration opportunities would be too close to parking lot | High use area for walkers; close to parking lot and playground | **Constrained** | **No Action - Use Conflict** | | |
| | 47 | Vertical concrete wall, med/large substrate, no cover | Remove armor, plant natives to increase cover | | **Med** | **Med** | **Med** | | High flexibility; restoration opportunities would still be possible | High use area for walkers; close to playground | **Feasible** | **High Priority** | | |
| | 48 | Mod. slope, concrete debris, large substrate, native veg w/ low cover | Remove debris, place substrate, plant natives to increase cover | Avoid damage to existing native veg | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 49 | Steep riprapped slope, large substrate w/ some quarry spall, high mixed cover | Remove armor and quarry spall, cut back slope, remove invasives | Avoid damage to existing native veg | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 50 | Steep riprapped slope w/ debris, large substrate, mod. cover w/ turf | Remove armor, place substrate, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 51 | Mod. slope, sparse riprap, large substrate, high mixed cover, LWD | Remove armor, place substrate, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 52 | Gentle slope, unarmored, med/large substrate, turf (pocket beach) | Plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 1005 | Mod. steep slope, riprap and unarmored, med/large substrate, mixed veg w/ half cover | Remove armor, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Seward Park (cont.)** | 53 | Mod. steep slope, unarmored, med. substrate, high mixed cover, LWD | Cut back slope, remove invasives | | **Low** | **Med** | **Low** | | | Substrate placement project planned here, similar to Corps project on eastern peninsula | **Feasible** | **Low Priority** | | A-2 |
| | 54 | Vertical concrete wall, fine/med. substrate, no cover, (swim beach) | Remove armor, plant natives to increase cover | Removal of vertical wall might trigger erosion in this high-use area | **Med** | **Med** | **Med** | | No flexibility; swim beach use cannot be changed | High use area; planting near-water veg would interfere with recreational use | **Constrained** | **No Action - Use Conflict** | | |
| **Lake Washington Boulevard Parks** | 56 | Mod. steep slope, unarmored, med substrate, high mixed veg cover; SPU outfall | Cut back slope | Damage to existing native veg | **Low** | **Med** | **Low** | Highly recommend conserving swim beach and well-vegetated restored area near Colman Park (reaches 72, 73, 74) and southern end of Lake Washington Boulevard near Seward Park (reaches 56, 57). Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | Some flexibility; some cutbacks could occur at south end of reach | Lake Washington Boulevard is close to this reach in places; this may constrain cutbacks | **Moderately Feasible** | **Low Priority** | Habitat value in this reach varies, but is fairly good in places, especially the southern portion closest to Seward Park. Value could be improved substantially by undertaking restoration projects; these projects need to maintain shoreline visual access b/c of park recreational use. Major problems are extended areas of armoring, and lack of or invasive riparian vegetation. Recommend removing armoring, removing invasive vegetation, and planting native vegetation to increase cover along the Boulevard, particularly the 'high' priority' areas, and avoiding the boat launch, pier, and marina sites. This would allow restoration of habitats, while preserving recreational uses of parks along Lake Washington Boulevard. | A-3 |
| | 57 | Gentle slope, unarmored, large/med. substrate, native veg w/ turf, no cover; SPU outfall | Plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 58 | Mod. steep slope, unarmored, med. substrate, invasive veg w/ no cover | Cut back slope, remove invasives, plant natives | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 59 | Steep slope, unarmored, med substrate, invasive veg w/ some cover; SPU outfall | Cut back slope, remove invasives, plant natives | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 60 | Mod. steep slope, riprap and quarry spall, med/large substrate, no cover; NPDES outfall | Remove armor, cut back slope, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 61 | Mod. steep slope, unarmored, med substrate, invasive veg w/ little cover; two small outfalls and one NPDES outfall | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 62 | Steep slope, unarmored, large substrate w/organics, invasives w/ high cover; NPDES and SPU outfall at south end of reach | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 63 | Steep slope, unarmored, med/fine substrate, turf w/ no cover | Plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 64 | Mod. steep slope, quarry spall armor, med/large substrate, invasives w/ high cover | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 65 | Mod. steep slope, unarmored, med/fine substrate, mixed veg w/ no cover; NPDES outfall at south end of reach | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| Lake Washington Boulevard Parks (cont.) | 66 | Vertical mortared concrete wall, mod. substrate, no cover; one NPDES and one SPU outfall at south end of reach, two NPDES and one SPU outfall at north end. | Remove armor, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | Highly recommend conserving swim beach and well-vegetated restored area near Colman Park (reaches 72, 73, 74) and southern end of Lake Washington Boulevard near Seward Park (reaches 56, 57). Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | High flexibility; riprap may need to remain b/c of high boat use and associated erosion, but southern part of reach could be restored | Northern end of reach is adjacent to boat launch | **Feasible** | **Low Priority** | Habitat value in this reach varies, but is fairly good in places, especially the southern portion closest to Seward Park. Value could be improved substantially by undertaking restoration projects; these projects need to maintain shoreline visual access b/c of park recreational use. Major problems are extended areas of armoring, and lack of or invasive riparian vegetation. Recommend removing armoring, removing invasive vegetation, and planting native vegetation to increase cover along the Boulevard, particularly the 'high priority' areas, and avoiding the boat launch, pier, and marina sites. This would allow restoration of habitats, while preserving recreational uses of parks along Lake Washington Boulevard. | A-3 |
| | 67 | Boat launch- Mt. Baker Rowing and Sailing Center | Remove boat launch | | **High** | **Med** | **High** | | No flexibility; boat launch is not removable | Boat Launch removal would interfere with primary recreational use | **Constrained** | **No Action - Use Conflict** | | |
| | 68 | Steep slope, riprap and mortared concrete, med substrate, no cover- Mt. Baker Rowing and Sailing Center; Metro CSO at marina | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Med** | **Med** | | No flexibility; hydroplane race viewing precludes heavy vegetation cover, riprap may need to remain b/c of high boat use and associated erosion | Reach is adjacent to boat launch and pier area | **Constrained** | **No Action - Use Conflict** | | |
| | 69 | Vertical concrete wall; pier area- Mt. Baker Rowing and Sailing Center | Remove piers and concrete wall; adjust slope | | **High** | **Med** | **High** | | No flexibility; piers and parking lot not removable | High use area; adjacent to parking lot which cannot be undercut | **Constrained** | **No Action - Use Conflict** | | |
| | 70 | Vertical concrete wall, fine substrate, no vegetation or cover- Mt. Baker Park and Mt. Baker Rowing and Sailing Center; SPU outfall | Remove concrete wall, adjust slope, plant natives to increase cover | | **High** | **Med** | **High** | | Some flexibility; shoreline physical and visual access is important | High use area | **Moderately Feasible** | **High Priority** | | |
| | 71 | Mod. steep slope, failing debris armor, med substrate, mixed veg w/ little cover; south end is Stan Sayres Park; one NPDES and one SPU outfall at mid-reach | Remove armor, cut back slope, remove invasives, plant natives to increase cover | | **Med** | **Med** | **Med** | | | Part of historic Olmstead Boulevard; high use area | **Feasible** | **High Priority** | | |
| | 72 | Mod. steep slope, unarmored, med/fine substrate, invasive veg w/ little cover (swim beach) | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Med** | **Low** | | | Part of historic Olmstead Boulevard; high view use area; near-water veg would need to be low-growing | **Feasible** | **Low Priority** | | |
| | 73 | Vertical wall, sometimes high and dry, fine/med substrate, native veg w/ high cover; small outfall; Colman Park; NPDES outfall at end of reach | Remove concrete wall, adjust slope, plant natives to increase cover | | **Med** | **Med** | **Med** | | No flexibility; swim beach use cannot be changed | High view use area; near-water veg would need to be low-growing | **Constrained** | **No Action - Use Conflict** | | |
| | 74 | Mod. steep slope, unarmored, med/fine substrate, native veg w/ high cover; Colman Park | ____ | ____ | **Low** | **Med** | **Low** | | ____ | ____ | ____ | **No Action - Conserve Excellent Quality Habitat** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Lake Washington Boulevard Parks (cont.)** | 75 | Vertical concrete wall, some riprap, med substrate, non-native veg w/ little cover; Colman Park | Remove concrete wall and armor, adjust slope, plant natives to increase cover | Steep slope may be a characteristic of existing hillside | **Med** | **Med** | **Med** | | No flexibility | Wall is part of historic pumping station and cannot be removed | **Constrained** | **No Action - Use Conflict** | | A-3 |
| **South Day Street Park** | 76 | Mod.steep slope, unarmored, med/fine substrate, non-native veg, little cover | Cut back slope, plant native veg to increase cover | | **Low** | **Low** | **Very Low** | | | | **Feasible** | **Very Low Priority - Good Quality Habitat** | Habitat value is fairly good except for armoring and lack of shoreline vegetation. Park is partially shaded by I-90 overpass. Recommend removing armor, planting natives to increase cover in areas not currently of high importance for visual shoreline access. | A-4 |
| | 77 | Mod. steep slope, riprap armor, med substrate, mixed veg w/ little cover | Cut back slope, remove armor, plant natives to increase cover | Damage to existing planted shrubs. Some of park is typically shaded by I-90 overpass. | **Med** | **Low** | **Med** | | Some flexibility; veg could be planted at edges or other less-used areas to increase cover | Low use area, but views are important. Boat traffic may cause erosion in this higher wake zone; riprap is relatively new. | **Moderately Feasible** | **Medium Priority** | | |
| **Leschi Park South Moorage** | 78 | Steep slope, riprap armor, large substrate/ quarry spall, native veg w/ little cover; NPDES outfall | Cut back slope, remove armor and quarry spall, place substrate, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; armor removal would likely cause shoreline erosion | Adjacent to marina, high boat use | **Constrained** | **No Action - Use Conflict** | Habitat value is low, but boat moorage precludes action that would undercut shoreline stability. | A-5 |
| **Leschi Park** | 79 | Steep slope, stacked concrete armor, med/fine substrate, invasives w/ high cover; moorage area | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; wall cannot be removed | Existing wall supports moorage and parking lot | **Constrained** | **No Action - Use Conflict** | Habitat value here suffers because of concrete walls and lack of riparian vegetation. Wall cannot be removed, but walkway on bulkhead could be removed and set back. Recommend slope adjustment, and riparian plantings in areas, to maintain visual shoreline access; even though reach 82 shows high priority, its size precludes its restoration as an independent project. | A-5 |
| | 80 | Vertical concrete wall, med/fine substrate, non-natives w/ no cover | Remove concrete wall, adjust slope, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; could be removed and rebuilt inland | Walkway on top of bulkhead; high use area | **Moderately Feasible** | **Medium Priority** | | |
| | 81 | Mod. steep slope, unarmored, med substrate, turf w/ no cover; pocket beach | Cut back slope, plant natives to increase cover | | **Low** | **Low** | **Very Low** | | | High use area; walkers/joggers | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 82 | Vertical concrete wall, med substrate, large conifers w/ half cover | Remove concrete wall, adjust slope, plant natives to increase cover | Damage to existing conifers | **Med** | **Low** | **Med** | | | High use area; walkers/joggers | **Feasible** | **High Priority** | | |
| | 83 | Mod. steep slope, unarmored, med substrate, turf w/ no cover; pocket beach | Cut back slope, plant natives to increase cover | | **Low** | **Low** | **Very Low** | | | High use area; walkers/joggers | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| **Madrona Park** | 84 | Vertical concrete wall, med/fine substr., non-natives w/ no cover; NPDES outfall; adjacent to parking lot | Remove concrete wall, adjust slope, plant natives to increase cover | | **Med** | **Low** | **Med** | Recommend conserving swim beach (reach 85) for fish habitat. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | No flexibility; parking lot cannot be undercut | High use area; walkers/joggers; parking lot | **Constrained** | **No Action - Use Conflict** | Habitat value here is compromised due to swim beach concrete wall, but is fairly good otherwise. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. Community group is currently working to daylight small creek here (in reach 86). Recommend removal of wall and slope adjustments, removal of invasives (cont. next) | A-5 |
| | 85 | Vertical concrete wall far from beach, fine substrate, non-natives w/ little cover (swim beach and beach steps) | Remove concrete wall, adjust slope, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; swim beach use and use of nearby turf area cannot be changed, removal of wall is not possible | High use area; planting near-water veg would interfere with recreational use | **Constrained** | **No Action - Use Conflict** | | |
| | 86 | Vertical concrete wall, fine substrate, non-natives w/ no cover; 2 creeks 200 and 350 ft from shore | Adjust slope, plant natives to increase cover; daylight 2 creeks | | **Med** | **Low** | **Med** | | Some flexibility; wall cannot be removed, but streams can be daylighted | High use area adjacent to swim beach | **Moderately Feasible** | **Medium Priority** | | |

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| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Madrona Park (cont.)** | 87 | Steep slope, failing debris, med/large substrate, mixed veg w/ high cover; NPDES outfall | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; some cutbacks could occur, avoiding sewer line and maintaining pump station access | Popular picnic area; pump station access is necessary; sewer lines may be close to shore | **Moderately Feasible** | **Medium Priority** | and planting of native vegetation to increase cover, while maintaining visual shoreline access, integrity of swim beach, access to pump station, and protecting sewer line. Recommend focusing restoration efforts on edges of park to accomplish this. | A-5 |
| | 88 | Vertical concrete wall, med/large substr., invasive veg w/ high cover; pump station | Cut back slope, remove concrete wall, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; wall cannot be removed | Wall supports pumping station | **Constrained** | **No Action - Use Conflict** | | |
| **Howell Park** | 89 | Mod. steep slope, debris armor, med substrate, mixed veg w/ little cover | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; park size does not merit construction | Short 100-ft park segment, dock on either side; cost-prohibitive to focus efforts here as opposed to larger parks. | **Constrained** | **No Action - Use Conflict** | This is a very small park with limited habitat connectivity. Although habitat indicates high priority, this park represents shoreline habitat but is near the larger Madrona Park area. Recommend restoring when feasible, but not at a high priority. | A-5 |
| **Madison Park North Beach** | 94 | Steep slope, riprap, large substrate, invasives w/ full cover; SPU outfall | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; fence and riprap cannot be removed | Recent opposition to fence removal | **Constrained** | **No Action - Use Conflict** | Habitat value at this park could be increased, but use conflicts preclude this. Recommend no action be taken. | A-6 |
| **Madison Park** | 90 | Mod. steep slope, unarmored, mixed veg w/ no cover | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Low** | **Very Low** | Recommend conserving swim beach and nearby area (reaches 90 and 91) for fish habitat. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | High flexibility; near swim beach, but not part of high use area | Proximity to apartment building, swim beach | **Feasible** | **Very Low Priority - Good Quality Habitat** | Habitat value here is compromised due to swim beach concrete walls, but is fairly good otherwise. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. Recommend removal of wall and slope adjustments, removal of invasives and planting of native vegetation to increase cover, while maintaining visual shoreline access and integrity of swim beach area to preserve recreational uses of the park. Recommend focusing restoration efforts on north shore of park to accomplish this. | A-6 |
| | 91 | Mod. steep slope, vert. concrete wall behind beach, fine substrate, turf w/ no cover (swim beach) | Cut back slope, remove or set back concrete wall behind beach, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility;swim beach use and use of nearby turf area cannot be changed. | High use area; planting near-water veg would interfere with recreational use | **Constrained** | **No Action - Use Conflict** | | |
| | 92 | Steep slope, riprap armor and quarry spall, large substrate, mixed veg w/ little cover | Cut back slope, remove armor and quarry spall, place substrate, plant natives to increase cover | High energy/erosion potential from waves reflected from 520 floating bridge | **Med** | **Low** | **Med** | | No flexibility; riprap cannot be removed | Riprap armor provides erosion protection from wave action | **Constrained** | **No Action - Use Conflict** | | |
| | 93 | Steep slope, riprap, large substrate, invasive veg w/ no cover; near Madison St. Ferry Dock | Cut back slope, remove armor, place substrate, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; riprap cannot be removed | Riprap armor provides erosion protection from wave action | **Constrained** | **No Action - Use Conflict** | | |
| **Washington Park Arboretum** | 124 | Steep slope, unarmored,silt/clay substrate, invasive veg w/ high cover, LWD | Cut back slope, remove invasives, plant natives to increase cover; enhance Arboretum creek | Damage to existing native veg | **Med** | **Low** | **Med** | Recommend conserving high quality habitat areas (reaches 124-131 and islands), as well as new restoration project area in Duck Bay and canoe channel (reach 127). | | | **Feasible** | **High Priority** | Habitat value is fairly good, except for invasive vegetation and small patch of armoring. Restoration project planned for 2004 for Duck Bay and canoe channel area. Arboretum Creek enters the lake at Duck Bay. (cont. next) | A-6 |
| | 125 | Steep slope, unarmored,silt/clay substrate, mixed veg w/ high cover, LWD | Cut back slope, remove invasives | Damage to existing native veg | **Low** | **Low** | **Very Low** | | | Avoid damage to plant collection | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |

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| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| Washington Park Arboretum (cont.) | 126 | Steep slope, unarmored,silt/clay substrate, mixed veg w/ little cover | Cut back slope, remove invasives, plant natives to increase cover | Damage to existing native veg | **Low** | **Low** | **Very Low** | | | Avoid damage to plant collection | **Feasible** | **Very Low Priority - Good Quality Habitat** | Recommend removing invasives and planting native veg where appropriate to increase cover, primarily at northwestern end of park; recommend maintaining shoreline visual access for this popular walking/jogging area; recommend restoration/daylighting of Arboretum Creek and enhancement of riparian corridor. | A-6 |
| | 127 | Steep slope, unarmored,silt/clay substrate, mixed veg w/ high cover (Duck Bay) | Cut back slope, remove invasives | Damage to existing native veg and plant collection | **Low** | **Low** | **Very Low** | | | Restoration project already planned here | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 128 | Mod. steep slope, unarmored,silt/clay substrate, native veg w/ little cover (Duck Bay) | Cut back slope, plant natives to increase cover | Damage to existing native veg and plant collection | **Low** | **Low** | **Very Low** | | | Restoration project already planned here | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 129 | Steep slope, unarmored,silt/clay substrate, mixed veg w/ little cover (Duck Bay, near canoe channel) | Cut back slope, remove invasives, plant natives to increase cover | Damage to existing native veg and plant collection | **Low** | **Low** | **Very Low** | | | Restoration project already planned here | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 130 | Steep slope, unarmored, silt/clay substrate, mixed veg w/ high cover, LWD (Foster Island) | Cut back slope, remove invasives | Damage to existing native veg | **Low** | **Low** | **Very Low** | | | Restoration project already planned here | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 131 | Mod. steep slope, unarmored, med/fine substrate, mixed veg w/ high cover (Foster Island) | Cut back slope, remove invasives | Damage to existing native veg | **Low** | **Low** | **Very Low** | | | Avoid damage to plant collection | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 132 | Mod. steep slope, riprap, fine substr., non-native veg w/ no cover (Foster Island) | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | | Avoid damage to plant collection | **Feasible** | **High Priority** | | |
| | 1001 | Steep slope, unarmored, silt/clay substrate, invasive veg w/ high cover; SPU outfall and unmodified stream | Cut back slope, remove invasives, plant natives to increase cover | | **Low** | **Low** | **Very Low** | | | Avoid damage to plant collection | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| East Montlake Park | 134 | Gentle slope, unarmored, good substrate, native veg w/ high cover | ---- | ---- | **Low** | **Low** | **Low** | Highly recommend conserving easterly reach of park bordering Lake Washington due to its location as the entrance to the ship canal (reach 134). | ---- | ---- | ---- | **No Action - Conserve Excellent Quality Habitat** | Habitat here is very good, except at the entrance to the Ship Canal, where armoring is needed to maintain shoreline stability. Recommend no action be taken. | A-6 |
| | 135 | Steep slope, riprap armor, med/large substrate, invasive veg w/ no cover; NPDES and SPU outfall | Cut back slope, remove armor, remove invasives, plant natives to increase cover | Steep slope is characteristic of existing hillside; armor protects against shoreline erosion due to boat wake | **Med** | **Low** | **Med** | | No flexibility; location is near Ship Canal entrance | High boat use area with high boat wake potential; pedestrian trail nearby | **Constrained** | **No Action - Use Conflict** | | |
| West Montlake Park | 136 | Steep slope, riprap armor w/ debris, good substrate, non-native veg w/ little cover; NPDES outfall | Cut back slope, remove armor, plant natives to increase cover | Armor protects against shoreline erosion due to boat wake | **Med** | **Low** | **Med** | | No flexibility; location is near Ship Canal entrance and Yacht Club | Adjacent to Seattle Yacht Club; high boat use with high boat wake potential | **Constrained** | **No Action - Use Conflict** | Habitat value here is compromised by presence of Yacht Club. Park's proximity to boat wake area precludes armor removal because unarmored shore here would be vulnerable to erosion. Recommend no | A-7 |
| | 137 | Vertical concrete wall, silt/clay substrate, native veg w/ high cover | Remove concrete wall, adjust slope | Armor protects against shoreline erosion due to boat wake | **Med** | **Low** | **Med** | | No flexibility; location is at Yacht Club | Part of Seattle Yacht Club; high boat use with high boat wake potential | **Constrained** | **No Action - Use Conflict** | | |

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| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **West Montlake Park (cont.)** | 138 | Steep slope, riprap armor and quarry spall, fine substrate, non-native veg w/ no cover | Cut back slope, remove armor, plant natives to increase cover | Armor protects against shoreline erosion due to boat wake | **Med** | **Low** | **Med** | | No flexibility; location is at Yacht Club | Part of Seattle Yacht Club; high boat use with high boat wake potential | **Constrained** | **No Action - Use Conflict** | | A-7 |
| **Montlake Playfield** | 139 | Gentle slope, unarmored, silt/clay substrate, mixed veg w/ high cover; NPDES and SPU outfall midway down the reach | Plant natives to increase cover | Damage to existing native veg | **Low** | **Low** | **Very Low** | Conserve existing native plants and discourage shoreline development of this park. | | | **Feasible** | **Very Low Priority - Good Quality Habitat** | Habitat value is already pretty good, with exception of some non-native plants. Recommend removal of non-natives and plantings of native plants at very low priority level. | A-7 |
| **North Shore Recreation Area** | 18 | Steep slope, debris armor, rubble substrate, no cover. | Cut back slope, remove armor and rubble, plant natives to increase cover | | **Med** | **Low** | **Med** | | | Recreational enhancement project already planned here | **Feasible** | **High Priority** | Habitat value here is constrained by sheetpile, concrete walls, and docks. Recreational enhancement and restoration project is already planned here under the North Shore Recreation Area plan. Recommend following restoration recommendations of this plan; main components include recreating dock/pier structure and reaches north of pier (reaches 24, 25), substrate placement waterward of concrete wall (reaches 20-22), and various vegetation plantings. | A-8 |
| | 19 | Boat ramp | Remove boat ramp | | **High** | **Low** | **Med** | | No flexibility; boat ramp not removable | Boat ramp is historic | **Constrained** | **No Action - Use Conflict** | | |
| | 20 | Vertical sheetpile wall, med substrate, no cover; large SPU outfall w/ silty, oily plume, low flow | Remove sheetpile wall, plant natives to increase cover | | **High** | **Low** | **Med** | | No flexibility; contamination concerns preclude wall removal or sediment work | Contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 21 | Vertical concrete wall, fine substrate no cover | Remove concrete wall, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility; contamination concerns preclude wall removal or sediment work | Contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 22 | Steep slope w/ debris armor, fine substrate, no cover | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | | Recreational enhancement project already planned here | **Feasible** | **High Priority** | | |
| | 23 | Pier | Remove pier and boathouses | | **Med** | **Low** | **Med** | | Some flexibility; pier cannot be removed, but part of boathouse and other pier-related structures can be removed | Pier and boathouses provide recreational use | **Moderately Feasible** | **Medium Priority** | | |
| | 24 | Vertical concrete wall, med substrate, invasive veg w/ no cover; large outfall/stream | Remove concrete wall, remove invasives, plant natives to increase cover, daylight outfall/stream | | **Med** | **Low** | **Med** | | | Recreational enhancement project already planned here | **Feasible** | **High Priority** | | |
| | 25 | Steep slope, debris armor, good substrate, non-native veg w/ no cover; SPU outfall | Cut back slope, remove armor, plant native veg to increase cover | | **Med** | **Low** | **Med** | | | Recreational enhancement project already planned here | **Feasible** | **High Priority** | | |
| **Sand Point Magnuson Park** | 2 | Mod. steep slope, failing concrete armor, large substrate, mixed veg w/ some cover; SPU outfall | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | | | **Feasible** | **High Priority** | | A-8 |
| | 3 | Steep slope, failing debris, large substrate, mixed veg w/ high cover; SPU outfall | Cut back slope, remove armor, remove invasives | | **Med** | **Low** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 4 | Mod.steep slope, unarmored, large substrate, non-natives w/ no cover | Cut back slope, plant natives to increase cover | | **Low** | **Low** | **Very Low** | | | | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |

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| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| Sand Point Magnuson Park (cont.) | 5 | Mod. steep slope, debris armor, sm/lrg substrate, non-native veg w/ no cover | Cut back slope, remove armor, plant natives to increase cover | | Med | Low | Med | | | | Feasible | High Priority | | A-8 |
| | 6 | Steep slope, riprap armoring, lrg substrate, non-native veg, little cover | Cut back slope, remove armor, plant natives to increase cover | | Med | Low | Med | | | | Constrained | No Action - Use Conflict | | |
| | 7 | Motorized boat launch | Remove boat launch | | High | Low | Med | | No flexibility; boat launch not removable. | Motorized boat launch and area nearby | Constrained | No Action - Use Conflict | | |
| | 8 | Steep slope, riprap armor, large substrate and quarry spall, non-native veg w/ no cover; SPU outfall | Cut back slope, remove armor and quarry spall, place substrate, plant natives to increase cover | | Med | Low | Med | | | Sand Point Wetlands project for restoration already planned here | Feasible | High Priority | | |
| | 9 | Steep slope, riprap and debris armor, large substrate, native veg w/ high cover | Cut back slope, remove armor | | Med | Low | Med | | | | Feasible | High Priority | | |
| | 10 | Mod. Steep slope, unarmored, med substrate, native veg w/ little cover | Cut back slope | | Low | Low | Very Low | | | Beach renourishment planned here | Feasible | Very Low Priority - Good Quality Habitat | | |
| | 11 | Steep slope, unarmored, med substrate, no veg; swim beach | Cut back slope, plant natives to increase cover | | Low | Low | Very Low | | No flexibility; swim beach use cannot be changed | Beach renourishment planned here; swim beach recreational use | Constrained | No Action - Use Conflict | | |
| | 12 | Mod. steep slope, unarmored, med substrate, some riprap, invasive veg w/ high cover | Cut back slope, remove sparse riprap, remove invasives, plant natives to increase cover | | Low | Low | Very Low | | | | Feasible | Very Low Priority - Good Quality Habitat | | |
| | 13 | Mod. steep slope, debris armor, large substrate, mixed veg w/ high cover; SPU outfall, garbage | Remove armor, cut back slope, remove invasives, plant natives to increase cover | | Med | Low | Med | | | | Feasible | High Priority | | |
| | 14 | Steep slope, debris armor, med substrate, invasive veg w/ little cover; 2 SPU outfalls | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | Med | Low | Med | | | | Feasible | High Priority | | |
| | 15 | Vertical concrete debris armor, large substrate, invasive veg w/ high cover; 2 SPU outfalls | Remove armor, place substrate, remove invasives, plant natives to increase cover | | Med | Low | Med | | | | Feasible | High Priority | | |
| | 16 | Mod. Steep slope, unarmored, fine substrate, mixed veg w/ little cover; highly eroded (Dog park beach); 6 SPU outfalls | Cut back slope, plant natives to increase cover | | Med | Low | Med | | Dog beach is one of major recreational uses of park | Restoration project already planned here | Feasible | High Priority | | |

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| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| Matthews Beach | 27 | Good slope, unarmored, med substrate, native veg w/ no cover, restored area | ____ | ____ | **Low** | **Med** | **Low** | Highly recommend conserving replanted area at south end of park (reach 27). Recommend conserving swim beach and nearby area (reach 30) for fish habitat. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | ____ | ____ | ____ | **No Action - Conserve Excellent Quality Habitat** | Habitat here has been replanted at south end of park. Overall, habitat is fairly good, except for concrete wall and armoring near swim beach. If possible, remove this armor and plant native vegetation where it does not interfere substantially with visual shoreline access and swim beach recreational use, from previously restored area to beginning of swim beach area of park. | A-8 |
| | 28 | Mod. steep slope, unarmored, med substrate, native veg w/ high cover | Cut back slope | | **Low** | **Med** | **Low** | | | | **Feasible** | **Low Priority** | | |
| | 29 | Mod. steep slope, riprap armor, med substrate, no veg cover | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Med** | **Med** | | No flexibility; swim beach has recreational use value; need to preserve views and access | Swim beach; high use area | **Moderately Feasible** | **High Priority** | | |
| | 30 | Mod. steep w/ vertical concrete wall, fine substrate, no veg (swim beach); Metro CSO at north end of reach (swim beach) | Cut back slope, remove concrete wall, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| | 31 | Mod. steep slope, med substrate, unarmored, invasives w/ no cover | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Med** | **Med** | | | | **Feasible** | **High Priority** | | |
| Gasworks Park | 95 | Mod. steep slope, debris armoring, large substrate, invasives. | Remove armor; substrate placement; cut back slope; remove invasives, plant natives. | | **Med** | **Low** | **Med** | | No flexibility; construction is not desirable here | High use area; views; contamination concerns | **Constrained** | **No Action - Use Conflict** | Some invasive removal, native planting, and slope cutbacks, could be done, avoiding overlook area. However, high use area for concerts and shoreline views combined with contamination concerns in the area would preclude serious digging or construction. Recommend no action be taken. | A-7 |
| | 96 | Vertical seawall, overlook, large substrate, no veg | Armoring removal; substrate placement; plant natives | | **High** | **Low** | **Med** | | No flexibility; overlook structure not removable | Overlook structure large; overlook heavily used; contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 97 | Steep slope, rubble, invasives, garbage, med/fine substrate | Remove armor; cut back slope; remove invasives, plant natives. | | **Med** | **Low** | **Med** | | No flexibility; construction is not desirable here | High use area; views; contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 98 | Good slope, med/fine substrate, unarmored, no veg | Cut back slope, plantlow-growing native veg | | **Low** | **Low** | **Very Low** | | No flexibility; construction is not desirable here | High use area; contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 99 | Mod. steep slope, med substrate, unarmored, invasives | Cut back slope, remove invasives, plant low-growing natives | | **Low** | **Low** | **Very Low** | | No flexibility; construction is not desirable here | High use area; contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| | 100 | Mod. steep slope, anchored logs, fine substrate, mixed veg; SPU outfall | Remove invasives | | **Low** | **Low** | **Very Low** | | No flexibility; construction is not desirable here | High use area; contamination concerns | **Constrained** | **No Action - Use Conflict** | | |
| Carkeek Park | 101 | Mod. Steep slope, riprap armor, fine substrate, mixed veg w/ no cover; eelgrass patches; 2 large culverts at south end of park; SPU/NPDES outfall | Cut back slope, remove riprap, remove invasives | Armor is not extremely close to MHHW mark, is only partially wetted in certain places during tidal cycles | **Med** | **Med** | **Med** | | No flexibility; armor cannot be removed | Armor is providing support for railroad tracks; culverts run beneath railroad tracks | **Constrained** | **No Action - Use Conflict** | Habitat value here is excellent, except for armor and lack of marine riparian vegetation. Armor not removable because it supports rail tracks; however, limited vegetation management could take place, but at a moderate priority. Recommend no action be taken. | A-9 |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Golden Gardens Park** | 102 | Motorized boat launch | Remove boat launch | | **High** | **High** | **Very High** | Recommend continuing to conserve restored area at north end of beach (reaches 105, 106). Recommend conserving swim beach area (reach 103) for fish habitat. Eelgrass patches and sand lance spawning have been documented here. Juvenile salmon use swim beach shore lines for foraging and migration and are generally present when public use is limited. | No flexibility; boat launch is not removable | Existing boat launch has recreational use value | **Constrained** | **No Action - Use Conflict** | Habitat value is fairly good here already, except for boat ramps. Trampling from foot traffic and removal of beach LWD for beach fires are major impacts to this area; restoration project has already created large wetland/native replanted area at north end of beach. Recommend no restoration action be taken. | A-9 |
| | 103 | Steep slope w/ riprap, non-native turf; eelgrass patches, sand lance spawning; small culverted stream and riprap (restored); 3 SPU outfalls, one of which is NPDES | Remove armor, cut back slope, plant natives | | **Med** | **High** | **Very High** | | No flexibility; parking lot cannot be undercut | Adjacent to boat launch; borders parking lot; high use area | **Constrained** | **No Action - Use Conflict** | | |
| | 104 | Swim beach; unarmored, gentle slope, substrate, no veg; eelgrass patches, sand lance spawning | Plant natives to increase cover | | **Low** | **High** | **Low** | | No flexibility; swim beach use cannot be changed | High use area; recreational value | **Constrained** | **No Action - Use Conflict** | | |
| | 105 | Mod. slope, unarmored, med/fine substrate, mixed veg with no cover; eelgrass patches; sand lance spawning. | | | **Low** | **High** | **Low** | | | High use area for walking and beachcombing; adjacent to swim beach | **Feasible** | **Low Priority** | | |
| | 106 | gentle slope, unarmored, fine substrate, mixed veg with no cover; eelgrass patches; sand lance spawning. | | | **Low** | **High** | **Low** | | | | **Feasible** | **Low Priority** | | |
| **Discovery Park** | 107 | End of Discovery Park spit with lighthouse; mod. steep slope, riprap armor, med/lrg substrate, native veg w/ no cover | Remove armor, cut back slope, plant natives to increase cover | | **Med** | **Low** | **Med** | Highly recommend conserving south end of park (reaches 108, 143), beach just north of lighthouse (reaches 109, 110), and most northern reach (reach 145) at this park. In the nearshore, there is continuous and patchy eelgrass growth, as well as patches of kelp. Existing habitat condition is much better than most Seattle City Parks. | No flexibility; removal of armor would cause undercutting of lighthouse structure | Lighthouse area. | **Constrained** | **No Action - Use Conflict** | Habitat value is high here. Riprap associated with lighthouse and much of the northern shore of the park is probably not removable due to erosion risk, but most of the park is in excellent condition. Restored beach just south of lighthouse is becoming increasingly sediment poor, though, and requires renourishment. (cont. next) | A-10 |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Discovery Park (cont.)** | 108 | Mod. steep slope, unarmored, fine substrate, mixed veg w/ high cover, highly abundant LWD | Plant natives to increase cover | | **Low** | **Low** | **Very Low** | | | Adjacent to jogging trail | **Feasible** | **Very Low Priority - Good Quality Habitat** | Recommend that this beach be renourished with beach sediment and marine riparian vegetative cover be improved, but at a very low priority. | A-10 |
| | 143 | Cliff area; mod. steep slope, unarmored, fine/lrg substrate, native veg w/ some cover, highly abundant LWD | ___ | ___ | **Low** | **Low** | **Low** | | ___ | ___ | ___ | **No Action - Conserve Excellent Quality Habitat** | | |
| | 109 | Mod. Steep slope, unarmored, med substrate, mixed veg w/ no cover; continuous eelgrass; Metro CSO | Plant natives to increase cover | Damage to existing native veg | **Low** | **Low** | **Very Low** | | | Adjacent to jogging trail | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 110 | Good slope, unarmored, med/fine substrate, mixed veg w/ no cover; continuous eelgrass | Plant natives to increase cover | Damage to esisting native veg | **Low** | **Low** | **Very Low** | | | Adjacent to jogging trail | **Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 144 | Steep slope, riprap armor, fine substrate, native veg w/ no cover; patchy kelp | Cut back slope, remove armor, plant natives to increase cover | Steep slope is characteristic of existing hillside | **Med** | **Low** | **Med** | | No flexibility; removal of armor would likely lead to shoreline erosion. | Adjacent to jogging trail; riprap is protecting jogging trail and shoreline from erosion | **Constrained** | **No Action - Use Conflict** | | |
| | 145 | Cliff area; mod. steep slope, unarmored, sm/lrg substrate, native veg w/ some cover, highly abundant LWD; patchy eelgrass | ___ | ___ | **Low** | **Low** | **Low** | | ___ | ___ | ___ | **No Action - Conserve Excellent Quality Habitat** | | |
| **Myrtle Edwards Park** | 111 | Steep slope, riprap armor and debris, lrg/fine substrate, non-native veg w/ no cover; bull kelp, macroalgae | Cut back slope, remove riprap and debris armor, plant native veg to increase cover | Armor removal would likely cause serious shoreline erosion | **Med** | **Low** | **Med** | Recommend conserving eelgrass and bull kelp patches in the nearshore (all reaches). | No flexibility. Not enough space between rail tracks and water for slope cutbacks; also erosion concerns here. Running path runs between water and rail tracks where visual shoreline access is main recreational use of park. | Pedestrian and bike path, major festivals here, views, SPU CSO project underway | **Constrained** | **No Action - Use Conflict** | Habitat value here is extremely constrained, due to riprap and proximity of rail tracks and pedestrian path. Riprap cannot be removed because of rail tracks and erosion concerns. Vegetation plantings large enough to provide cover above riprap would restrict visual access for park users and elevate public safety concerns. Recommend no action be taken. | A-11 |
| | 112 | Mod. steep slope, anchored logs and riprap armor, fine substrate, invasive veg w/ some cover; 2 pocket beaches, bull kelp, macroalgae | Cut back slope, remove riprap, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | No flexibility. Not enough space between rail tracks and water for slope cutbacks; also erosion concerns here. Running path runs between water and rail tracks where visual shoreline access is main recreational use of park. | Pedestrian and bike path, views, | **Constrained** | **No Action - Use Conflict** | | |
| **Seattle Aquarium Waterfront Park** | 114 | Vertical concrete wall and pilings, fine substrate, no veg; Metro CSO outfall | Remove concrete wall, adjust slope, plant natives to increase cover | | **High** | **Low** | **Med** | | No flexibility; land use cannot be changed | Waterfront urban area | **Constrained** | **No Action - Use Conflict** | Habitat is waterfront urban area adjacent to other similar areas for several miles. Use Conflict prohibits restoration. Recommend no action be taken. | A-11 |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Alki Beach Park** | 140 | Gentle slope at beach, vertical concrete wall behind, fine substrate, turf w/ no cover (forage fish spawning location and patchy and continuous eelgrass) | Remove concrete wall, plant natives to increase cover | Concrete wall removal would lead to erosion of beach area | **Med** | **High** | **Very High** | Recommend conserving beach and nearshore substrate; forage fish spawning areas (reaches 140, 141). | No flexibility; concrete wall removal would lead to increased impact on high-use areas. | High use area, visual access, high potential for boat wake | **Constrained** | **No Action - Use Conflict** | Habitat value is fair here, except there is no cover and a seawall is at the landward edge of beach. Concrete wall removal at south end of park may be possible in places, but would increase impact on high-use areas of beach. Luna Park Seawall Restoration/reconstruction at north end of park is already planned. Recommend no action be taken. | A-12 |
| | 141 | Mod. steep slope, vertical concrete wall behind, fine substrate, turf w/ no veg; forage fish spawning location; patchy eelgrass and macroalgae; two SPU outfalls and one Metro CSO outfall | Remove concrete wall, plant natives to increase cover | Concrete wall removal would lead to erosion of beach area | **Med** | **High** | **Very High** | | No flexibility; concrete wall removal would lead to increased impact on high-use areas. | High use area, visual access, high potential for boat wake | **Constrained** | **No Action - Use Conflict** | | |
| | 142 | Luna Park Seawall at northeast end of reach; vertical concrete wall and riprap armor, fine substrate, non-natives w/ no cover; patchy eelgrass and macroalgae; 8 SPU outfalls and one NPDES outfall | Remove concrete wall, plant natives to increase cover | Concrete wall removal would lead to erosion of beach area | **Med** | **Low** | **Med** | | No flexibility; concrete wall removal would lead to increased impact on high-use areas. | High use area, visual access, high potential for boat wake | **Constrained** | **No Action - Use Conflict** | | |
| **Seacrest Park** | 115 | Steep slope, riprap armor, fine/med substrate, mixed veg w/ no cover; NPDES/SPU outfall | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | Recommend conserving substrate and habitat at pocket sand/gravel beaches (reaches 116, 118, 120) | No flexibility; parking lot cannot be undercut | Proximity to Harbor Ave. SW and Salty's Restaurant parking lot | **Constrained** | **No Action - Use Conflict** | Habitat value at Seacrest Park has been restored from very unsatisfactory condition through previous projects; sheetpile wall and riprap were installed to protect a sewer line, to increase turf area to the water, and to protect the shoreline from erosion where necessary. Two large pipes outfall at the SE pocket beach and represent a creek connected to a CSO line (Fairmount Ravine). (cont. next) | A-12 |
| | 116 | Mod. steep slope, anchored logs, lrg/fine substrate, turf w/ no cover (pocket beach w/ 2 large pipe outfalls) | Plant natives to increase cover | | **Low** | **Low** | **Very Low** | | Some flexibility; plantings could occur on edges of beach | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Very Low Priority - Good Quality Habitat** | | |
| | 117 | Steep slope, riprap armor, lrg/fine substrate, invasive veg w/ no cover | Cut back slope, remove armor, remove invasives, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; plantings could occur in places to avoid obscuring view | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Medium Priority** | | |
| | 118 | Mod. steep slope, sheetpile wall and anchored logs, med. Substrate, invasive veg w/ no cover, some LWD (pocket beach) | Cut back slope, remove sheetpile wall, remove invasives, plant natives to increase cover | Sheetpile wall removal would lead to erosion of shoreline | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall provides erosion protection for sewer line and supports sidewalk/Harbor Ave SW. | **Constrained** | **No Action - Use Conflict** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Seacrest Park (cont.)** | 119 | Steep slope, riprap armor, fine/med substrate, turf w/ no cover | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; plantings could occur in places, avoiding obscuring view, but no armor removal could take place | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Medium Priority** | Recommend small areas of shoreline plantings to increase overwater cover if possible, but at a lower overall priority than priority rankings for particular reaches would indicate. These would need to be user-friendly to the high use of the park and not interfere significantly with shoreline visual access. | A-12 |
| | 120 | Mod. steep slope, sheetpile wall, med/lrg substrate, turf w/ no cover(pocket beach) | Cut back slope, remove sheetpile wall, remove invasives, plant natives to increase cover | Sheetpile wall removal would lead to erosion of shoreline | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall provides erosion protection for sewer line and supports sidewalk/Harbor Ave SW. | **Constrained** | **No Action - Use Conflict** | | |
| | 121 | Steep slope, riprap armor, med/fine substrate, turf w/ no cover; Don Armeni Park | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; plantings could occur in places, avoiding obscuring view, but no armor removal could take place | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Medium Priority** | | |
| | 122 | Motorized boat launch; Don Armeni Boat Launch | Remove boat launch | | **High** | **Med** | **High** | | No flexibility; boat launch is not removable | Existing boat launch has recreational use value | **Constrained** | **No Action - Use Conflict** | | |
| | 123 | Steep slope, riprap armor, med/fine substrate, turf w/ no cover; NPDES outfall at south end, SPU outfall at north end of reach | Cut back slope, remove armor, plant natives to increase cover | | **Med** | **Low** | **Med** | | Some flexibility; plantings could occur in places, avoiding obscuring view, but no armor removal could take place | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Medium Priority** | | |
| **Richey Viewpoint** | 146 | Vertical sheetpile wall, med. substrate, turf and non-natives w/ no cover, LWD; two SPU outfalls, one of which is NPDES | Cut back slope, remove sheetpile wall, plant natives to increase cover | Sheetpile wall removal would lead to erosion of shoreline | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall provides erosion protection and supports sidewalk/Beach Dr. SW. | **Constrained** | **No Action - Use Conflict** | Habitat value is compromised here due to presence of sheetpile wall, but substrate is good and landscaped planted vegetation is stable. Sheetpile wall is necessary to protect against erosion. Recommend no action be taken. | A-13 |
| **Cormorant Cove** | 147 | Steep slope w/ riprap armor, fine/lrg substrate, landscaped veg w/ turf and no cover,LWD | Cut back slope, remove armor, plant natives to increase cover | Outer beach with southwest exposure; riprap is protecting beach from erosion | **Med** | **Low** | **Med** | | No flexibility; park has been landscaped already | Park has already been landscaped/restored for park use | **Constrained** | **No Action - Use Conflict** | Habitat is compromised due to park location and use (visual shoreline access). Park has already been landscaped for park use and erosion protection. Recommend no action be taken. | A-13 |
| **Emma Schmitz Park** | 148 | Vertical sheetpile wall, large substrate, turf w/ no cover | Cut back slope, remove sheetpile wall, plant natives to increase cover | Armor removal would likely lead to shoreline erosion | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall provides erosion protection and supports sidewalk/Beach Dr. SW. | **Constrained** | **No Action - Use Conflict** | There are some springs here running to a drainage structure which outfalls to the Sound (seepage- no runoff). Habitat value here is constrained by presence of seawall; (cont. next) | A-13 |
| | 149 | Steep slope, riprap/sheetpile armor, large substrate, turf w/ no cover; Metro CSO outfall | Cut back slope, remove sheetpile wall and armor, place substrate, plant natives to increase cover | Armor removal would likely lead to shoreline erosion, smaller substrate would likely erode. | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall and riprap provide erosion protection and support to sidewalk/Beach Dr. SW. | **Constrained** | **No Action - Use Conflict** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| **Emma Schmitz Park (cont.)** | 150 | Vertical concrete wall and steps, large substrate, non-native veg w/ no cover | Remove concrete wall, place substrate, plant natives to increase cover | Armor removal would likely lead to shoreline erosion, smaller substrate would likely erode. | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall and riprap provide erosion protection and support to sidewalk/Beach Dr. SW. | **Constrained** | **No Action - Use Conflict** | however, seawall and riprap is protecting banks from erosion in this location. Future parks project will repair 700' of seawall at south end. Recommend no action be taken. | A-13 |
| **Lowman Beach Park** | 157 | Vertical concrete wall, concrete steps, riprap, large substrate w/ some sand, turf w/ no cover; SPU outfall at south end of reach | Cut back slope, remove wall and riprap armor, place substrate, plant natives to increase cover | Armor removal would likely lead to shoreline erosion, smaller substrate would likely erode. | **Med** | **Low** | **Med** | | No flexibility; sheetpile wall cannot be removed. | Sheetpile wall and riprap provide erosion protection and support to sidewalk/Beach Dr. SW. | **Constrained** | **No Action - Use Conflict** | Beach renourishment here occurred in 2001 and a stream used to drain to the area where the park is now. Habitat here is constrained by presence of armor; armor cannot be removed for several reasons: 1) daylighting of the stream and removal of the wall would likely contribute to erosion in this area, and 2) wall removal would represent a more radical change to the park than is currently acceptable. Recommend no action be taken. | A-14 |
| | 158 | Steep slope, riprap, broken sheetpile armor, large/fine substrate, landscaped turf w/ no cover, LWD | Cut back slope, remove armor and sheetpile, plant natives to increase cover | Armor removal would likely lead to shoreline erosion, beach nourishment occurred in 2001 | **Med** | **Low** | **Med** | | No flexibility; armor cannot be removed, but vegetation improvements could take place | Views; armor provides erosion protection for shoreline | **Constrained** | **No Action - Use Conflict** | | |
| | 159 | Vertical concrete wall, steps, large substrate, turf w/ no cover; tennis courts adjacent to shoreline; NPDES and SPU outfalls | Cut back slope, remove concrete wall, place substrate; plant natives to increase cover | Armor removal would likely lead to shoreline erosion, beach nourishment occurred in 2002 | **Med** | **Low** | **Med** | | Some flexibility; armor cannot be removed, but vegetation improvements could take place | Views; armor provides erosion protection for shoreline | **Constrained** | **No Action - Use Conflict** | | |
| **Lincoln Park** | 156 | Mod.steep slope, riprap armor, fine substrate, mixed veg w/ some cover, abundant LWD; surf smelt spawning | Cut back slope, remove armor, plant natives to increase cover | Steep slope is characteristic of existing hillside; armor protects against shoreline erosion | **Med** | **High** | **Very High** | South end of park has high quality habitat with native vegetative cover. Recommend conserving habitat there (reaches 152, 153) | Some flexibility; armor cannot be removed, but vegetation improvements could take place | Armor provides erosion protection for shoreline | **Constrained** | **No Action - Use Conflict** | Habitat value is fairly good here, except for shoreline armoring, especially the long seawall at the north end of the park; however, armoring removal would likely lead to or accelerate shoreline erosion here. Extensive beach renourishment occurred at south end in 2002 as a USACE project. There is also a lack of overhead cover; however, the park is well vegetated and shoreline visual access is | A-14 |
| | 155 | Vertical concrete wall, fine substrate, native veg w/ half cover, abundant LWD; surf smelt spawning | Remove concrete wall | Removal of wall would lead to shoreline erosion | **Low** | **High** | **Low** | | No flexibility; removal of armor would lead to shoreline erosion. | Vertical concrete wall provides erosion protection for shoreline | **Constrained** | **No Action - Use Conflict** | | |
| | 154 | Mod. steep slope, riprap armor, fine substrate, non-native veg w/ no cover | Cut back slope, remove armor, plant natives to increase cover | Removal of riprap would lead to erosion of shoreline | **Med** | **High** | **Very High** | | No flexibility; removal of armor would lead to shoreline erosion. | Riprap armor provides erosion protection and supports overlook and walkway near Colman pool. | **Constrained** | **No Action - Use Conflict** | | |

| Park Name | Current Reach | Reach Condition (notes/summary)* | Habitat Considerations | | Habitat Improvement Potential (How much better could it be? (high = great possibilities for improvement) | Landscape Considerations (Is this a known high fish use area based on proximity to mouth of salmon-bearing areas or forage fish spawning?) | Combined Improvement Potential (How much more would it be used/how much better would it be for fish?) | Conservation Comments | Park Use Considerations | | Restoration Feasibility | Reach Restoration Priority. | Justification and Restoration Prescription | Figure Number |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Habitat Improvement Restoration Opportunities (what could change to benefit fish habitat?) | Habitat Constraints (what precludes/limits restoration opportunities?) | | | | | Park Use Opportunities (what flexibility is there?) | Park Use Constraints (what park uses prevent modifications identified as restoration opportunities?) | | | | |
| | 153 | Gentle slope, anchored logs and low cobble seawall, fine substrate, non-natives w/ no cover, abundant LWD | Remove armor, plant natives to increase cover | | **Low** | **High** | **Low** | 153) | Some flexibility; plantings could occur in places, avoiding obscuring view | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Very Low Priority - Good Quality Habitat** | important here for the jogging trail. Recommend small areas of shoreline plantings to increase overwater cover if possible. These would need to be user-friendly to the high use of the park and not interfere significantly with shoreline visual access. | |
| **Lincoln Park (cont.)** | 152 | Gentle slope, short cobble seawall armor behind beach, fine substrate, non-natives w/ no cover, abundant LWD; NPDES outfall | Remove armor, plant natives to increase cover | | **Low** | **High** | **Low** | | Some flexibility; plantings could occur in places, avoiding obscuring view | Jogging trail and shoreline visual access are recreational uses | **Moderately Feasible** | **Very Low Priority - Good Quality Habitat** | | A-14 |

*Substrate definitions: fine = sand and small gravel (0-1.5" diameter); med = medium gravel (1.5-3" diameter diameter); large = large gravel/cobble/quarry spall 3-12 inch diameter)

*Vegetation definitions: high cover = 85-95% cover; high = 51-85%; half = 50%; little = 1-49%; no cover = 0%

*Slope definitions: steep = >5:1OHW/MHHW - OLW/MLLW; mod. Steep = <5:1OHW/MHHW>5:1OLW/MLLW; gentle = <5:1OHW/MHHW - OLW/MLLW.

# APPENDIX E
# PRIORITIZATION MAPS FOR SEATTLE SHORELINE PARKS

## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 800 Feet

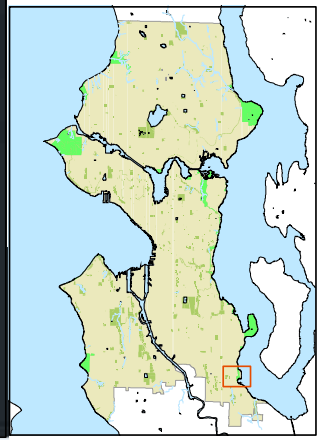

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**Figure A-1**
**Restoration Priority Rankings for Rainier Beach Lake, Beer Sheva & Pritchard Island Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

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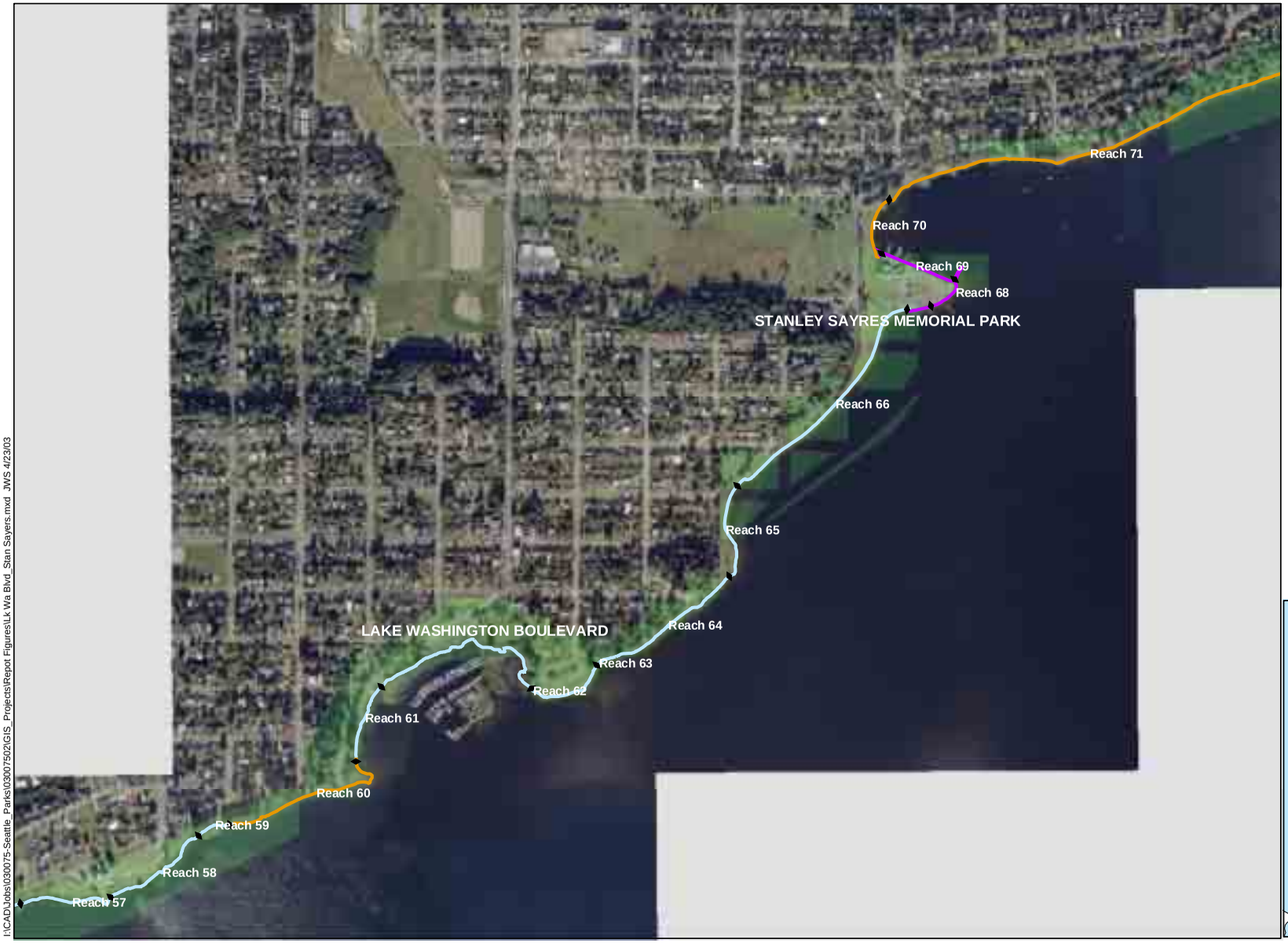
**Figure A-2**
**Restoration Priority Rankings for, Martha Washington, Seward and South Lake Washington Boulevard Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation




## Legend

### Restoration Priority

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 1,000 Feet

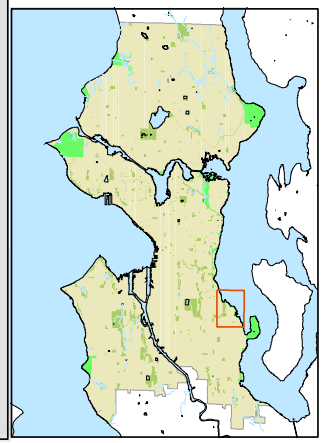


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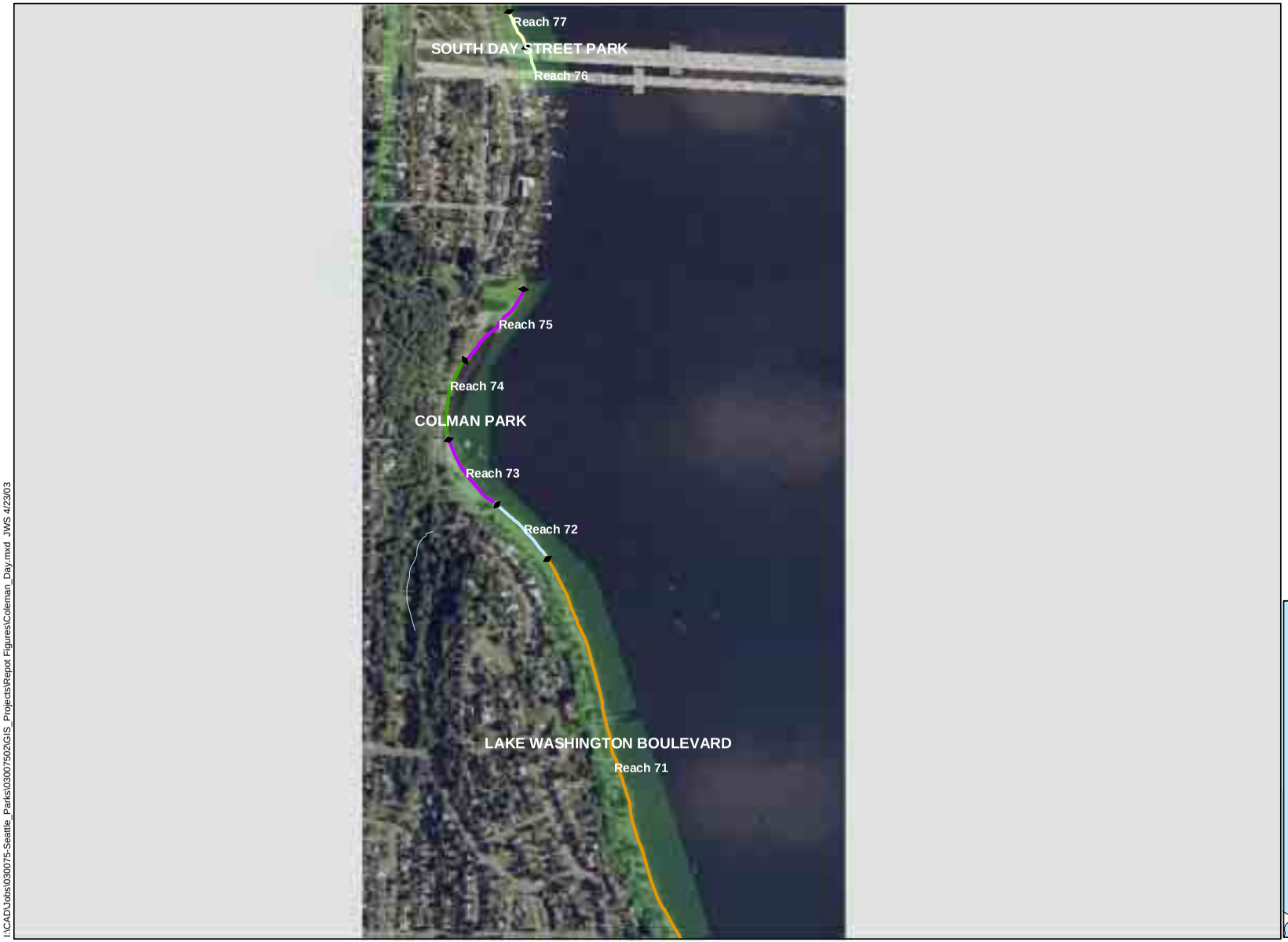
**Figure A-3**
**Restoration Priority Rankings for South-Central Lake Washington Boulevard and Stanley Sayers Memorial Park**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation




## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 1,000 Feet

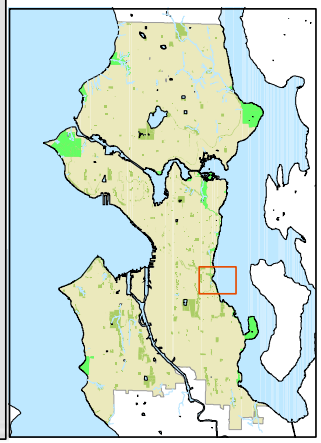


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**Figure A-4**
**Restoration Priority Rankings for, North-Central Lake Washington Boulevard, Coleman and South Day Street Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

## Legend

### Restoration Priority

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 800 Feet

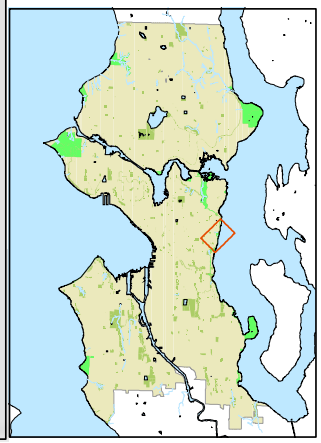

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**Figure A-5**
**Restoration Priority Rankings for, Leschi, Madrona, North Lake Washington Boulevard & Howell Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

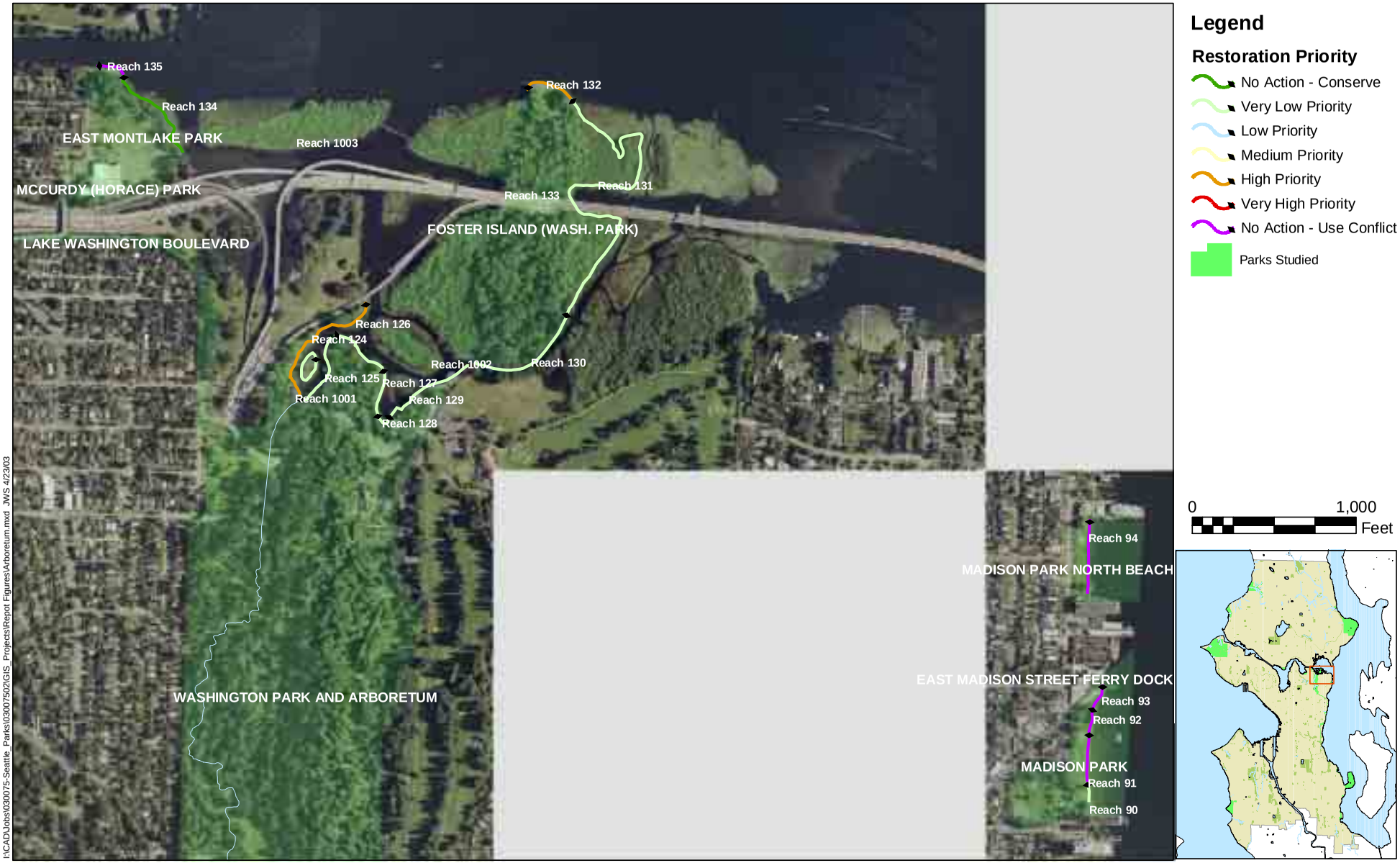


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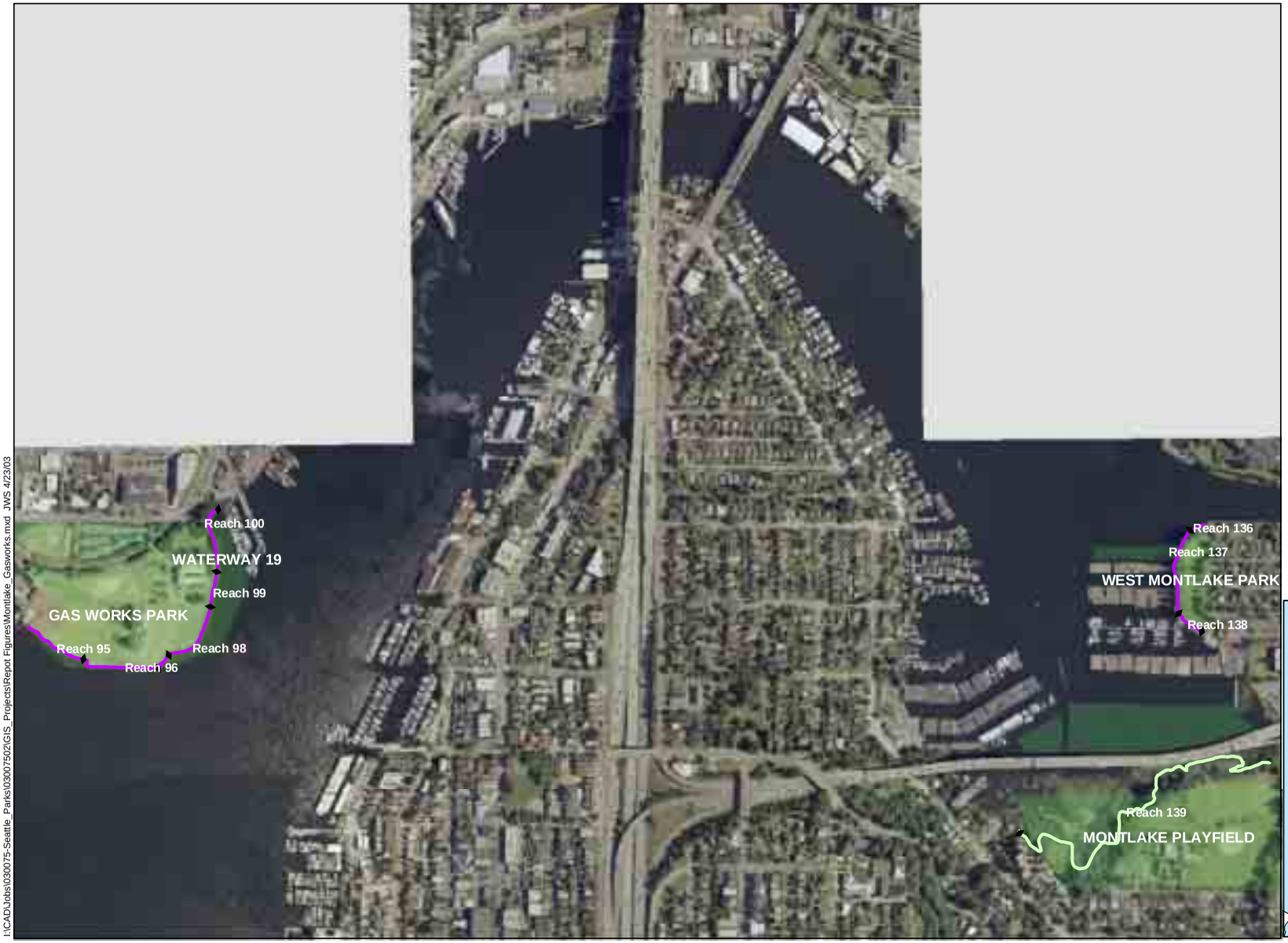
**Figure A-6**

**Restoration Priority Rankings for Madison Park East Madison Street Ferry Dock, Madison Park North Beach, Washington Park Arboretum and East Montlake Park**

Seattle Shoreline Park Inventory and Habitat Assessment

Seattle Parks and Recreation




## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict

Parks Studied

0 1,000 Feet

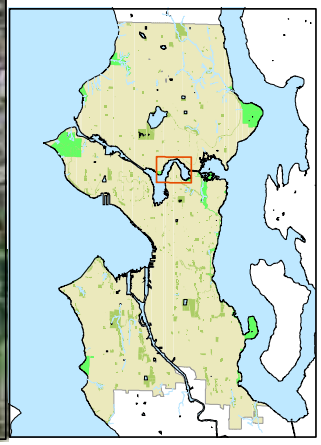


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**Figure A-7**
**Restoration Priority Rankings for West Montlake, Montlake Playfield & Gasworks Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

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**Figure A-8**

**Restoration Priority Rankings for Sand Point Magnuson Park, North Shore Recreation Area and Matthews Beach Park**

Seattle Shoreline Park Inventory and Habitat Assessment

Seattle Parks and Recreation

## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 800 Feet

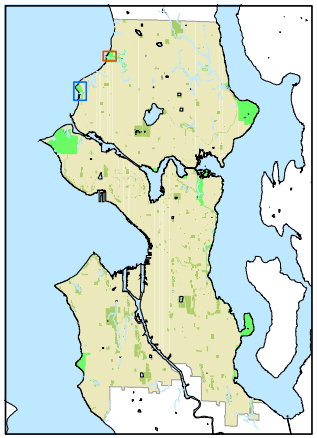

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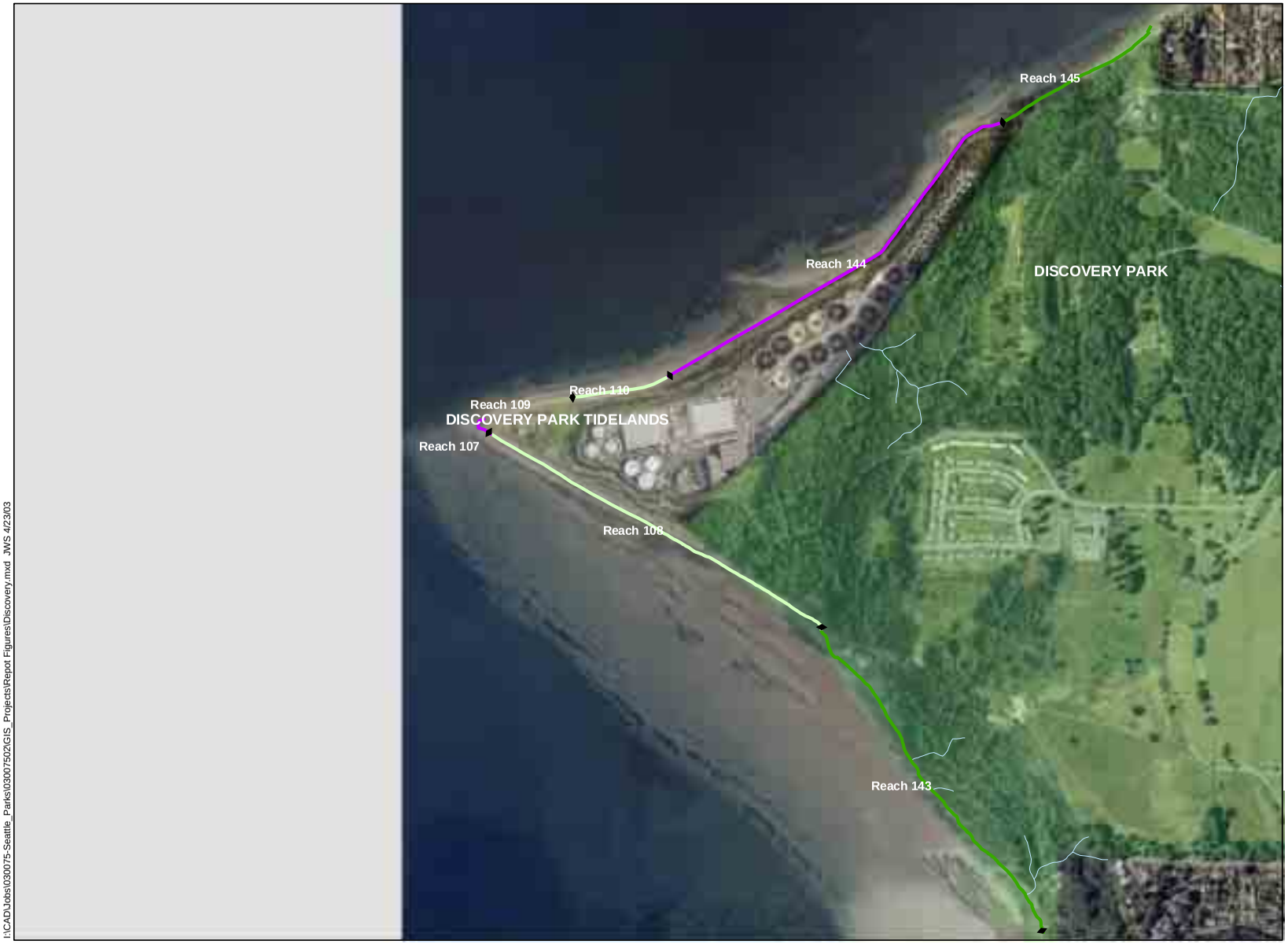
**Figure A-9**
**Restoration Priority Rankings for, Carkeek & Golden Gardens Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation




## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 1,000 Feet

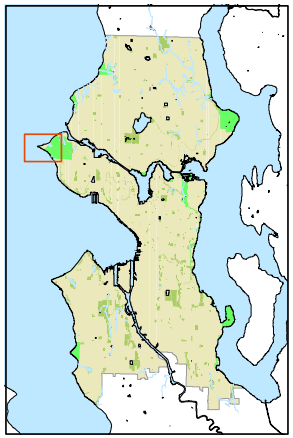


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**Figure A-10**
**Restoration Priority Rankings for Discovery Park**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 400 Feet

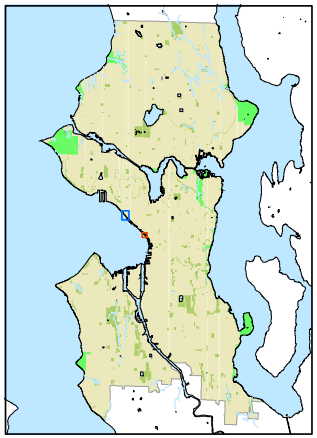

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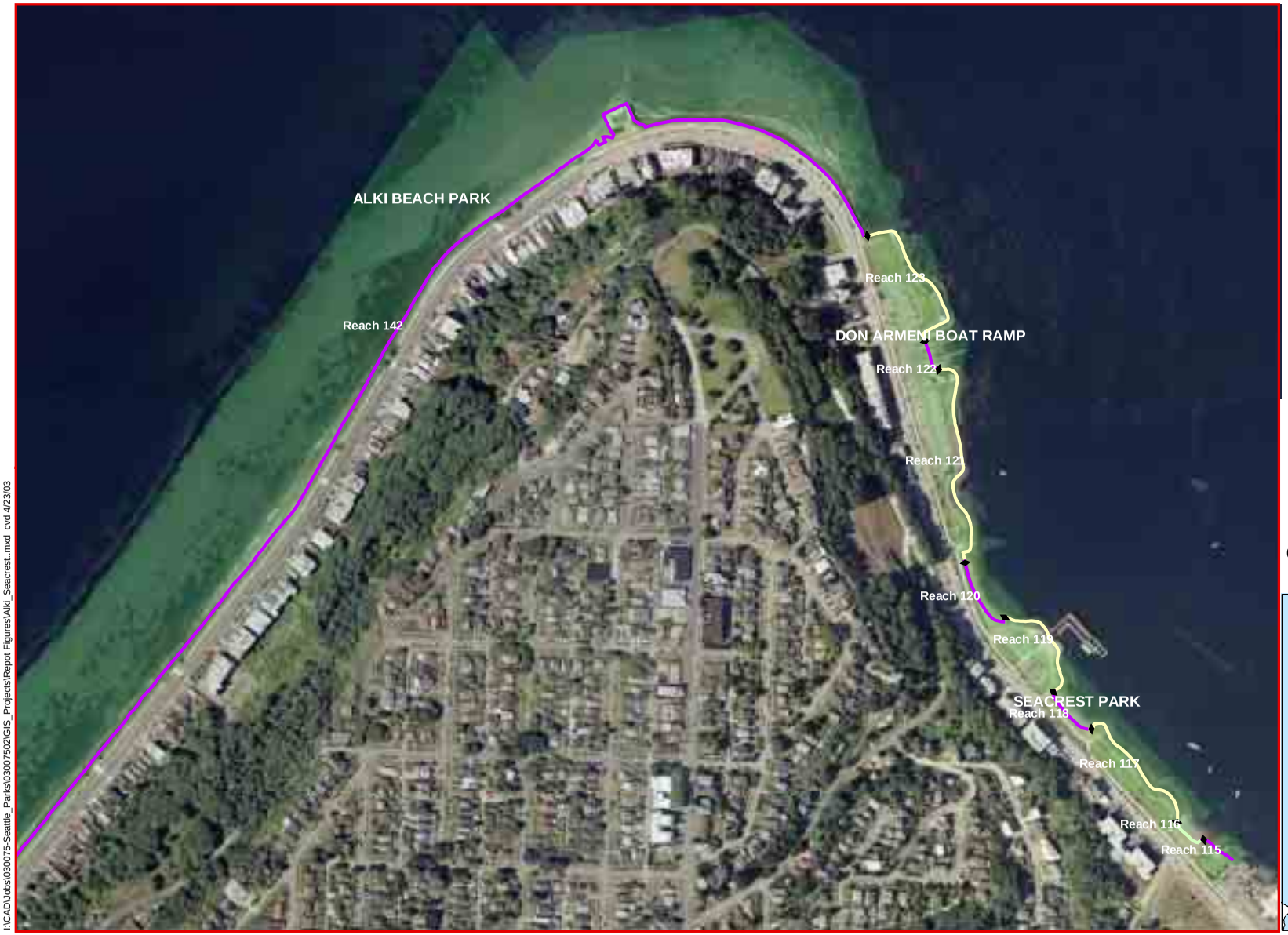
**Figure A-11**
**Restoration Priority Rankings for Myrtle Edwards Park, The Seattle Aquarium & Waterfront Park**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation




## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 800 Feet

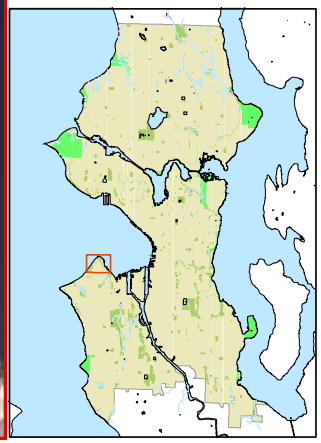


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**Figure A-12**
**Restoration Priority Rankings for Seacrest Park, Don Armeni Boat Ramp & North Alki Beach Park**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict
- Parks Studied

0 700 Feet

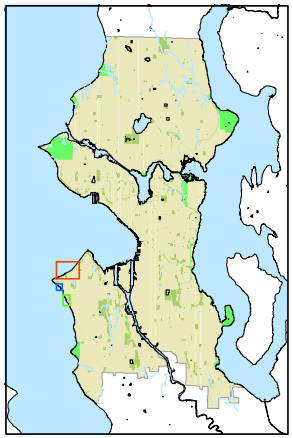

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**Figure A-13**
**Restoration Priority Rankings for Southwest Alki Beach, Richey Viewpoint, Cormorant Cove & Emma Schmitz Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

## Legend

**Restoration Priority**

- No Action - Conserve
- Very Low Priority
- Low Priority
- Medium Priority
- High Priority
- Very High Priority
- No Action - Use Conflict

0 600 Feet

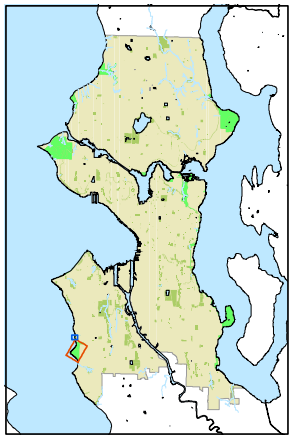

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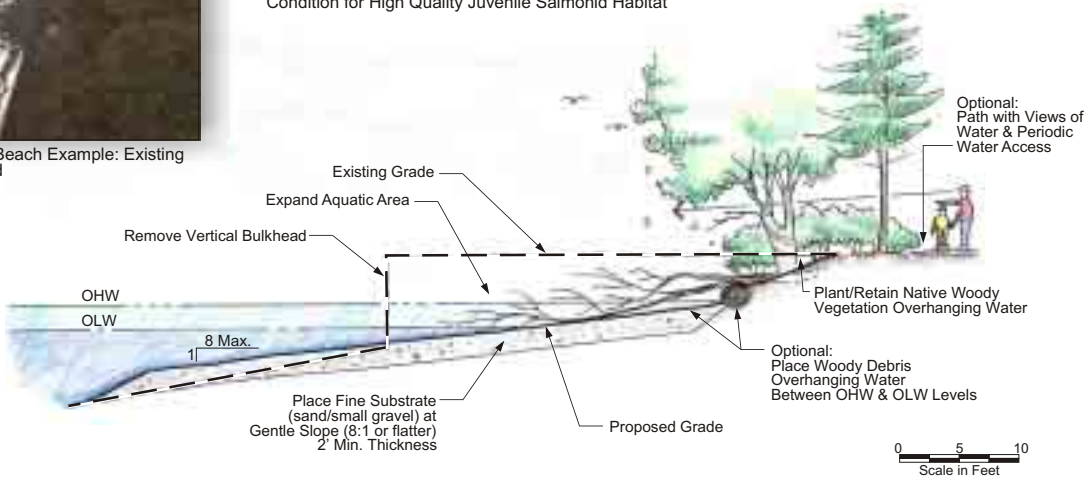
**Figure A-14**
**Restoration Priority Rankings for Lincoln & Lowman Parks**
Seattle Shoreline Park Inventory and Habitat Assessment
Seattle Parks and Recreation

# APPENDIX F
# TYPICAL CROSS SECTIONS WITH DESIGN RECOMMENDATIONS

Pritchard Island Beach Example: Existing Vertical Bulkhead

East Shoreline Seward Park: Restoration Example Site Condition for High Quality Juvenile Salmonid Habitat

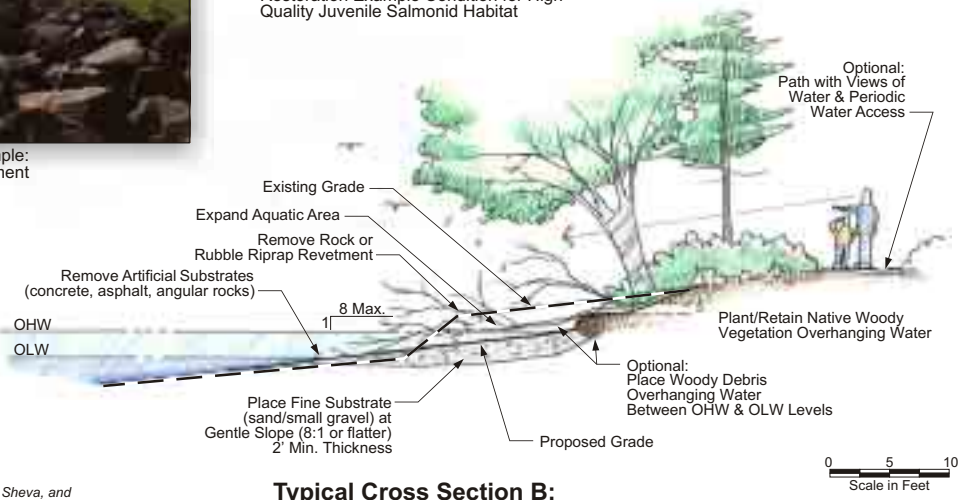



* *Applies to Rainier Beach Park and Pritchard Island Beach, Very High and High Priority Restoration Reaches.*

**Typical Cross Section A:**
**Restore Existing Vertical Bulkhead***

Colman Park 1999-2000 Restoration Site: Restoration Example Condition for High Quality Juvenile Salmonid Habitat

Martha Washington Park Example: Existing Sloping Riprap Revetment




* *Applies to Martha Washington, Beer Sheva, and Seward Park, Very High and High Priority Restoration Reaches.*

**Typical Cross Section B:**
**Restore Existing Sloping Riprap Revetment***

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**Figure F-1**
Typical Cross Sections A and B
with Design Recommendations
South Lake Washington Priority Areas

# APPENDIX G
# FIELD DATA LOG

**Freshwater Assessment**
**Field Data Tables**

| Current Reach | Park Name | Restoration Priority | Reach Length | Shoreline Slope | Shoreline Armor | Armor Toe Depth | Armor Notes | Primary Substrate | Secondary Substrate | Substrate Notes | Overhanging Vegetation (% cover) | Vegetation Type | Vegetation Notes | LWD Below OLW | LWD at OLW | LWD Above OLW | LWD Notes | Reach Notes | Photos |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | Mathews Beach | High Priority | 232.7 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 0 | Invasive | | 0 | 0 | 0 | | | |
| 30 | Mathews Beach | High Priority | 157.3 | <5:1OLW>5:1OHW | Vertical Concret | -2 | | Sand | | SOME GRAVEL | 0 | | | 0 | 0 | 0 | | SWIM BEACH | |
| 29 | Mathews Beach | High Priority | 147.9 | <5:1OLW>5:1OHW | Rip-Rap | -1 | ECOLOGY BLOCK BEHIND RIPRAP | Med gravel 1.5 - | | AND SAND | 0 | | | 1 | 0 | 0 | | | |
| 28 | Mathews Beach | Low Priority | 525.1 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | AND SAND | 85 | Native | TREES | 0 | 0 | 2 | | | |
| 27 | Mathews Beach | No Action - Conserve Excellent Quality H | 713.9 | <5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | | AND SAND | 0 | Native | TREES | 0 | 0 | 2 | | RESTORED AREA | |
| 25 | Magnuson Park | High Priority | 184.3 | >5:1OLW-OHW | Debris | 3 | | Med gravel 1.5 - | | | 0 | No-Native | | 0 | 0 | 1 | | | |
| 24 | Magnuson Park | High Priority | 176.9 | Vertical | Vertical Concret | 4 | 2-4 | Med gravel 1.5 - | | SOME SAND | 0 | Invasive | RCG,BB | 0 | 0 | 0 | | | |
| 23 | Magnuson Park | Medium Priority | 716.8 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | BOATHOUSE | |
| 22 | Magnuson Park | High Priority | 71.1 | >5:1OLW-OHW | Debris | 6 | | Sand | | | 0 | | | 0 | 0 | 0 | | | |
| 21 | Magnuson Park | No Action - Use Conflict | 609.0 | Vertical | Other | 36 | 3-48 | Sand | | SHELL AND SAND | 0 | | | 0 | 0 | 0 | | | |
| 20 | Magnuson Park | No Action - Use Conflict | 264.6 | Vertical | Other | 0 | CONC SHEETPILE | Med gravel 1.5 - | | SILTY | 0 | | | 0 | 0 | 0 | | | |
| 19 | Magnuson Park | No Action - Use Conflict | 66.1 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | RAMP | |
| 18 | Magnuson Park | No Action - Use Conflict | 79.0 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | RAMP | |
| 16 | Magnuson Park | High Priority | 436.7 | <5:1OLW>5:1OHW | None | 0 | | Sand | | SOME GRAVEL | 10 | Other (mixed | WILLOW TREES | 0 | 0 | 0 | | | |
| 15 | Magnuson Park | High Priority | 325.3 | Vertical | Debris | 12 | 5-12 DEEP | Large gravel 3-6 | | WITH RUBBLE | 100 | Invasive | BB/TREES | 0 | 0 | 0 | | | |
| 14 | Magnuson Park | High Priority | 355.7 | >5:1OLW-OHW | Debris | 6 | CONC BLOCKS | Med gravel 1.5 - | | | 30 | Invasive | BB/SB | 0 | 0 | 1 | | | |
| 13 | Magnuson Park | High Priority | 213.9 | <5:1OLW>5:1OHW | Debris | 0 | | Large gravel 3-6 | | | 95 | Other (mixed | TREES/BB | 0 | 0 | 0 | | | |
| 12 | Magnuson Park | Very Low Priority - Good Quality Habitat | 694.4 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | SOME RIPRAP | 90 | Invasive | BB/RCG | 0 | 0 | 1 | | | |
| 11 | Magnuson Park | No Action - Use Conflict | 424.4 | >5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | | | 0 | | | 0 | 0 | 0 | | PILINGS | |
| 10 | Magnuson Park | Very Low Priority - Good Quality Habitat | 787.0 | <5:1OLW>5:1OHW | None | 0 | RIPRAP/GROINS/BLOCKS | Med gravel 1.5 - | | SOME LARGE GRAVEL | 40 | Native | TREES/SHRUBS | 0 | 0 | 0 | | | |
| 9 | Magnuson Park | High Priority | 479.3 | >5:1OLW-OHW | Debris | 10 | RIPRAP / CONC BLOCKS | Cobble 6-12 | | | 95 | Native | TREES | 1 | 0 | 0 | | | |
| 8 | Magnuson Park | High Priority | 207.8 | >5:1OLW-OHW | Rip-Rap | 6 | CONCRETE BLOCKS | Cobble 6-12 | | QUARRY SPALL | 0 | No-Native | TURF | 1 | 0 | 0 | | ONE POCKET BEACH | |
| 7 | Magnuson Park | No Action - Use Conflict | 102.9 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | MOTORIZED BOAT LAUNCH | |
| 6 | Magnuson Park | No Action - Use Conflict | 186.0 | >5:1OLW-OHW | Rip-Rap | 6 | | Large gravel 3-6 | | | 5 | No-Native | TURF / WILLOW | 0 | 0 | 0 | | | |
| 5 | Magnuson Park | High Priority | 161.7 | <5:1OLW>5:1OHW | Debris | -12 | ARMOR DEBRIS ON BEACH | Large gravel 3-6 | Small gravel 0.5- | BOULDERS | 0 | No-Native | TURF AND TREES | 0 | 0 | 0 | | | |
| 4 | Magnuson Park | Very Low Priority - Good Quality Habitat | 281.3 | <5:1OLW>5:1OHW | None | 0 | | Large gravel 3-6 | | | 0 | No-Native | TURF / WILLOW | 0 | 0 | 0 | | | |
| 3 | Magnuson Park | High Priority | 397.3 | >5:1OLW-OHW | Debris | 12 | 5 TO 12 | Large gravel 3-6 | | SOME SMALL GRAVEL | 100 | Other (mixed | INVASIVES | 0 | 0 | 0 | | | |
| 2 | Magnuson Park | High Priority | 123.1 | <5:1OLW>5:1OHW | Stacked Concrete | 0 | FAILED CONCRETE | Large gravel 3-6 | | | 20 | Other (mixed | BB/TREES | 0 | 0 | 0 | | | |
| 100 | Gasworks Park | No Action - Use Conflict | 401.4 | <5:1OLW>5:1OHW | Anchored Logs | -2 | | Sand | Silt or Clay | | 85 | Other (mixed | BB/SB/TREES | 0 | 0 | 1 | | | 16ROLL3 |
| 99 | Gasworks Park | No Action - Use Conflict | 211.0 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Med gravel 1.5-3 | | 95 | Invasive | BB | 0 | 0 | 0 | | CONC BLOCK STRUCTURE | 15ROLL3 |
| 98 | Gasworks Park | No Action - Use Conflict | 415.3 | <5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | Sand | | 0 | No-Native | TURF | 0 | 0 | 1 | 1/2 B | | 14ROLL3 |
| 97 | Gasworks Park | No Action - Use Conflict | 120.6 | >5:1OLW-OHW | Debris | 2 | CONC RUBBLE & WALL | Med gravel 1.5 - | Sand | | 50 | Invasive | BB/SB | 0 | 0 | 0 | | LITTER/TRASH SCATTERED | 13ROLL3 |
| 96 | Gasworks Park | No Action - Use Conflict | 477.5 | Vertical | Vertical Concret | 36 | OVERLOOK | Cobble 6-12 | Cobble 6-12 | | 0 | | NONE | 0 | 0 | 0 | | | 12ROLL3 |
| 95 | Gasworks Park | No Action - Use Conflict | 409.5 | <5:1OLW>5:1OHW | Debris | 5 | | Cobble 6-12 | Med gravel 1.5-3 | | 50 | Invasive | BB | 0 | 0 | 0 | | | 11ROLL3 |
| 139 | Montlake Playfield | Very Low Priority - Good Quality Habitat | 2437.6 | <5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 95 | Other (mixed | TREES/TYPHA/RCG/ | 0 | 0 | 0 | MANY, | WETLANDS ABUNDANT | 32DC |
| 138 | West Montlake Park | No Action - Use Conflict | 182.5 | >5:1OLW-OHW | Rip-Rap | 12 | QUARRY SPALL | Sand | Silt or Clay | | 0 | No-Native | TURF/SHRUB | 0 | 0 | 0 | | | 30DC |
| 137 | West Montlake Park | No Action - Use Conflict | 521.5 | Vertical | Vertical Concret | 24 | | Silt or Clay | Sand | | 60 | Native | LARGE TREES/TURF | 0 | 0 | 0 | | | 31DC |
| 136 | West Montlake Park | No Action - Use Conflict | 117.4 | >5:1OLW-OHW | Rip-Rap | 12 | SOME DEBRIS | Med gravel 1.5 - | Large gravel 3-6 | | 5 | No-Native | TREES/TURF | 0 | 0 | 0 | | | 29DC |
| 135 | East Montlake Park | No Action - Use Conflict | 191.9 | >5:1OLW-OHW | Rip-Rap | 36 | | Med gravel 1.5 - | Large Gravel 3-6 | | 0 | Invasive | BB | 0 | 0 | 0 | | MONTLAKE CUT | 28DC |
| 129 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 626.7 | <5:1OLW>5:1OHW | None | 0 | | | | | 15 | Other (mixed | BB/JUNCUS | 1 | 0 | 0 | | | 22DC |

**Freshwater Assessment**
**Field Data Tables**

| Current Reach | Park Name | Restoration Priority | Reach Length | Shoreline Slope | Shoreline Armor | Armor Toe Depth | Armor Notes | Primary Substrate | Secondary Substrate | Substrate Notes | Overhanging Vegetation (% cover) | Vegetation Type | Vegetation Notes | LWD Below OLW | LWD at OLW | LWD Above OLW | LWD Notes | Reach Notes | Photos |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 128 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 117.4 | <5:1OLW>5:1OHW | None | 0 | | Silt or Clay | Silt or Clay | | 10 | Native | TREES/JUNCUS | 0 | 0 | 0 | | | 20DC |
| 127 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 283.8 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 75 | Other (mixed | BB/TREES | 0 | 0 | 0 | | | 18DC |
| 126 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 391.0 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 20 | Other (mixed | SHRUBS/TURF | 0 | 0 | 0 | | | 17DC |
| 125 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 513.2 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 95 | Other (mixed | BB/TREES | 3 | 3 | 2 | | | 14DC |
| 124 | Washington Park Arboretum | High Priority | 873.9 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 95 | Invasive | BB/TREES/TURF | 4 | 20 | 13 | | | 13DC |
| 1002 | Washington Park Arboretum | | 975.7 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | | |
| 133 | Washington Park Arboretum | | 3344.8 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | | |
| 131 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 2566.1 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Sand | | 98 | Other (mixed | BB/TREES/SB | 0 | 0 | 0 | | | 24DC |
| 94 | Madison Park North Beach | No Action - Use Conflict | 456.1 | >5:1OLW-OHW | Rip-Rap | 24 | | Cobble 6-12 | | | 100 | Invasive | BB | 0 | 0 | 0 | | INACCESSIBLE B/C OF VEG | 10ROLL3 |
| 93 | Madison Park | No Action - Use Conflict | 157.4 | >5:1OLW-OHW | Rip-Rap | 5 | | Cobble 6-12 | | | 0 | Invasive | BB | 0 | 0 | 0 | | MAD STREET FERRY | 9ROLL3 |
| 92 | Madison Park | No Action - Use Conflict | 160.7 | >5:1OLW-OHW | Rip-Rap | 3 | QUARRY SPALL AT SOUTH | Cobble 6-12 | | QUARRY SPALL | 20 | Other (mixed | CONIFERS/TURF | 0 | 0 | 0 | | | 8ROLL3 |
| 91 | Madison Park | No Action - Use Conflict | 302.6 | <5:1OLW>5:1OHW | Vertical Concret | -1 | CONC STEPS | Sand | | | 0 | No-Native | TURF | 0 | 0 | 0 | | SWIM BEACH, PILINGS | 7ROLL3 |
| 90 | Madison Park | Very Low Priority - Good Quality Habitat | 123.8 | <5:1OLW>5:1OHW | None | 0 | | Sand | | | 0 | Other (mixed | BB/TURF/TREES | 0 | 0 | 0 | | | 6ROLL3 |
| 89 | Howell Park | No Action - Use Conflict | 86.3 | <5:1OLW>5:1OHW | Debris | 2 | ABSENT IN AREAS | Med gravel 1.5 - | | | 0 | Other (mixed | BB/TURF | 0 | 0 | 0 | | | 5ROLL3 |
| 88 | Madrona Park | No Action - Use Conflict | 118.5 | Vertical | Vertical Concret | 6 | | Med gravel 1.5 - | Large gravel 3-6 | | 80 | Invasive | BB | 0 | 0 | 0 | | WASTEWATER TREATMENT PLANT | 4ROLL3 |
| 87 | Madrona Park | Medium Priority | 1416.2 | >5:1OLW-OHW | Debris | 4 | FAILING IN PLACES | Med gravel 1.5 - | Large gravel 3-6 | | 75 | Other (mixed | BB/TREES | 2 | 1 | 0 | | | 3ROLL3 |
| 86 | Madrona Park | Medium Priority | 657.7 | Vertical | Vertical Concret | 12 | | Sand | Large gravel 3-6 | | 2 | No-Native | TURF/TREES | 0 | 0 | 0 | | | 1ROLL3 |
| 85 | Madrona Park | No Action - Use Conflict | 367.7 | <5:1OLW>5:1OHW | Vertical Concret | -3 | WALL IS FAR FROM BEACH | Sand | | | 0 | No-Native | TURF | 0 | 0 | 0 | | SWIM BEACH | 27ROLL2 |
| 83 | Leschi Park | Very Low Priority - Good Quality Habitat | 98.4 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 25ROLL2 |
| 82 | Leschi Park | High Priority | 67.7 | Vertical | Vertical Concret | 12 | ECOLOGY BLOCKS | Med gravel 1.5 - | | | 50 | Native | LARGE CONIFERS | 0 | 0 | 0 | | | 24ROLL2 |
| 81 | Leschi Park | Very Low Priority - Good Quality Habitat | 47.1 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 23ROLL2 |
| 80 | Leschi Park | Medium Priority | 361.1 | Vertical | Vertical Concret | 15 | ECOLOGY BLOCKS | Med gravel 1.5 - | Sand | | 0 | No-Native | TURF/TREES | 0 | 0 | 0 | | | 22ROLL2 |
| 79 | Leschi Park | No Action - Use Conflict | 432.6 | >5:1OLW-OHW | Stacked Concrete | -1 | | Med gravel 1.5 - | Sand | | 95 | Invasive | BB | 0 | 0 | 0 | | | 21ROLL2 |
| 78 | Leschi Park | No Action - Use Conflict | 472.6 | >5:1OLW-OHW | Rip-Rap | 0 | | Cobble 6-12 | | QUARRY SPALL | 10 | Native | LARGE TREES/TURF | 0 | 0 | 0 | | | 20 ROLL2 |
| 77 | South Day Street Park | Medium Priority | 246.2 | <5:1OLW>5:1OHW | Rip-Rap | -1 | | Med gravel 1.5 - | | | 2 | Other (mixed | PLANTED SHRUBS & | 0 | 1 | 0 | | CONC OVERLOOK | 19ROLL2 |
| 76 | South Day Street Park | Very Low Priority - Good Quality Habitat | 199.0 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Sand | SOME CONC | 0 | No-Native | TURF | 0 | 0 | 1 | | | 18ROLL2 |
| 75 | Lake Washington Park | No Action - Use Conflict | 582.3 | <5:1OLW>5:1OHW | Vertical Concret | -2 | SHALLOW WALL IN PLACES | Med gravel 1.5 - | | | 5 | No-Native | TREES/TURF | 0 | 0 | 0 | | RIPRAP AND CONC | 17ROLL2 |
| 74 | Lake Washington Park | No Action - Conserve Excellent Quality H | 513.3 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Sand | | 95 | Native | AND TREES | 1 | 0 | 0 | | | 16ROLL2 |
| 73 | Lake Washington Park | No Action - Use Conflict | 514.5 | <5:1OLW>5:1OHW | Vertical Concret | -3 | | Sand | Med gravel 1.5-3 | | 0 | No-Native | TURF | 0 | 0 | 0 | | SWIM BEACH | 15ROLL2 |
| 71 | Lake Washington Park | High Priority | 4354.1 | <5:1OLW>5:1OHW | Debris | 3 | FAILING DEBRIS IN PLACES | Med gravel 1.5 - | Large gravel 3-6 | | 25 | Other (mixed | RCG/BB/TREES/ NAT | 2 | 1 | 1 | | | 13ROLL2 |
| 70 | Lake Washington Park | High Priority | 431.8 | <5:1OLW>5:1OHW | Vertical Concret | 2 | | Sand | Med gravel 1.5-3 | | 0 | | | 0 | 0 | 0 | | SMALL UNARMORED AREA | 12ROLL2 |
| 69 | Lake Washington Park | No Action - Use Conflict | 504.6 | Vertical | Vertical Concret | 60 | | Sand | | | 0 | | | 0 | 0 | 0 | | PIER AREA | 11ROLL2 |
| 68 | Lake Washington Park | No Action - Use Conflict | 424.9 | >5:1OLW-OHW | Rip-Rap | 3 | WITH MORTARED CONC WALL | Med gravel 1.5 - | | | 0 | | | 0 | 0 | 0 | | | 10ROLL2 |
| 67 | Lake Washington Park | No Action - Use Conflict | 168.2 | >5:1OLW-OHW | Other | 2 | RAMPS | Bedrock | | CONC RAMP | 0 | | | 0 | 0 | 0 | | BOAT LAUNCH | NO PHOTO |
| 65 | Lake Washington Park | Low Priority | 622.3 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Sand | | 0 | Other (mixed | RCG/TURF | 0 | 0 | 0 | | | 8ROLL2 |
| 64 | Lake Washington Park | Low Priority | 1027.3 | <5:1OLW>5:1OHW | Other | -2 | QUARRY SPALL AT END OF | Med gravel 1.5 - | Large gravel 3-6 | SOME BOULDERS | 70 | Invasive | RCG/BB/TREES | 0 | 0 | 0 | | | 7ROLL2 |
| 63 | Lake Washington Park | Low Priority | 537.8 | <5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | Sand | | 0 | No-Native | TURF/RCG | 0 | 0 | 26 | | | 6ROLL2 |
| 61 | Lake Washington Park | Low Priority | 508.7 | <5:1OLW>5:1OHW | None | 0 | SOME ANCH LOGS | Med gravel 1.5 - | | PLACED GRAVEL | 3 | Invasive | RCG | 0 | 0 | 0 | | | 4ROLL2 |
| 60 | Lake Washington Park | High Priority | 1132.6 | <5:1OLW>5:1OHW | Rip-Rap | -1 | QUARRY SPALL AND CONC | Med gravel 1.5 - | Large gravel 3-6 | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 3ROLL2 |
| 59 | Lake Washington Park | Low Priority | 216.4 | >5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | | | 25 | Invasive | BB/RCG | 0 | 0 | 0 | | | 2ROLL2 |

**Freshwater Assessment**
**Field Data Tables**

| Current Reach | Park Name | Restoration Priority | Reach Length | Shoreline Slope | Shoreline Armor | Armor Toe Depth | Armor Notes | Primary Substrate | Secondary Substrate | Substrate Notes | Overhanging Vegetation (% cover) | Vegetation Type | Vegetation Notes | LWD Below OLW | LWD at OLW | LWD Above OLW | LWD Notes | Reach Notes | Photos |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58 | Lake Washington Park | Low Priority | 732.6 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 0 | Invasive | RCG/BB/TURF | 0 | 0 | 0 | | | 1ROLL2 |
| 57 | Lake Washington Park | Low Priority | 617.6 | <5:1OLW-OHW | None | 0 | | Large gravel 3-6 | Med gravel 1.5-3 | | 0 | Native | AND TURF | 0 | 0 | 0 | | | 27 |
| 54 | Seward Park | No Action - Use Conflict | 173.9 | Vertical | Vertical Concret | 5 | | Sand | Med gravel 1.5-3 | | 0 | | | 0 | 0 | 0 | | SWIM BEACH, PILINGS | 24 |
| 53 | Seward Park | Low Priority | 359.1 | <5:1OLW>5:1OHW | None | 0 | PATCHY SMALL AND LARGE | Large gravel 3-6 | Med gravel 1.5-3 | | 80 | Other (mixed | CONIFERS/NATIVES | 0 | 4 | 1 | | | 23 |
| 1005 | Seward Park | High Priority | 4278.8 | <5:1OLW>5:1OHW | Rip-Rap | 3 | AND UNARMORED AREAS | Med gravel 1.5 - | cobble 6-12 | | 50 | Other (mixed | TURF AND TREES | 0 | 0 | 0 | | | 22 |
| 52 | Seward Park | Low Priority | 1310.5 | <5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | cobble 6-12 | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 22 |
| 50 | Seward Park | High Priority | 858.5 | >5:1OLW-OHW | Rip-Rap | 3 | DEBRIS TOO | Cobble 6-12 | Large gravel 3-6 | | 50 | Other (mixed | TREES/TURF/BB | 0 | 1 | 0 | | | 20 |
| 49 | Seward Park | High Priority | 760.4 | >5:1OLW-OHW | Rip-Rap | 2 | SMALL RIPRAP MOSTLY | Med gravel 1.5 - | Large gravel 3-6 | SOME COBBLE | 98 | Other (mixed | CONIFERS/BB | 0 | 1 | 0 | | | 19 |
| 48 | Seward Park | High Priority | 568.7 | <5:1OLW>5:1OHW | Debris | -1 | CONCRETE | Large gravel 3-6 | cobble 6-12 | | 20 | Native | SOMEJUNCUS / TRE | 0 | 0 | 0 | | | 18 |
| 47 | Seward Park | High Priority | 909.4 | Vertical | Vertical Concret | 5 | STACKED /MORTARED SLAB | Med gravel 1.5 - | Large gravel 3-6 | | 0 | No-Native | TURF/TREES/SOME | 0 | 0 | 0 | | | 17 |
| 46 | Seward Park | No Action - Use Conflict | 461.3 | Vertical | Stacked Concrete | 3 | | Med gravel 1.5 - | | | 0 | No-Native | PLANTED TREES/TU | 0 | 0 | 0 | | | 16 |
| 44 | Seward Park | No Action - Use Conflict | 235.4 | Vertical | Rip-Rap | 6 | STACKED ROCK WALL | Large gravel 3-6 | Med gravel 1.5-3 | | 85 | Invasive | BB/SB AND TREES | 0 | 0 | 0 | | | 14 |
| 45 | Seward Park | Low Priority | 293.5 | <5:1OLW-OHW | Anchored Logs | -3 | | Sand | Med gravel 1.5-3 | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 15 |
| 43 | Martha Washington Park | Very High Priority | 208.9 | Vertical | Rip-Rap | 8 | STACKED ROCK WALL | Large gravel 3-6 | cobble 6-12 | ORGANIC | 90 | Other (mixed | TREES/BB/IVY | 0 | 0 | 0 | | | 13 |
| 42 | Martha Washington Park | Very High Priority | 483.0 | <5:1OLW>5:1OHW | Rip-Rap | 5 | RIPRAP GROINS | Large gravel 3-6 | cobble 6-12 | | 5 | Other (mixed | BB/TURF | 0 | 0 | 0 | | 3 POCKET GRAVEL BEACHES | 12 |
| 41 | Martha Washington Park | Low Priority | 49.5 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 0 | Native | REPLANTED AREA | 0 | 0 | 0 | | | 11 |
| 40 | Pritchard Island Beach | High Priority | 418.8 | <5:1OLW>5:1OHW | Vertical Concret | -3 | | Sand | Med gravel 1.5-3 | | 0 | No-Native | TURF | 0 | 0 | 0 | | SWIM BEACH | 10 |
| 39 | Pritchard Island Beach | Very Low Priority - Good Quality Habitat | 165.0 | <5:1OLW-OHW | Anchored Logs | -2 | SOME BOULDERS | Med gravel 1.5 - | Sand | | 0 | Other (mixed | GRASSES/TURF/JUN | 0 | 0 | 0 | | | 9 |
| 38 | Beer Sheva Park | Low Priority | 554.9 | <5:1OLW>5:1OHW | Rip-Rap | -2 | | Med gravel 1.5 - | | | 75 | Native | LARGE TREES | 0 | 0 | 0 | | | 8 |
| 37 | Beer Sheva Park | Very High Priority | 222.0 | <5:1OLW-OHW | Rip-Rap | -2 | ANCHORED LOGS | Med gravel 1.5 - | Sand | ORGANIC | 0 | | | 0 | 0 | 0 | | | 7 |
| 36 | Beer Sheva Park | No Action - Use Conflict | 171.7 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | BOAT LAUNCH | 6 |
| 35 | Beer Sheva Park | Low Priority | 69.8 | <5:1OLW-OHW | Debris | 3 | SPARSE RIPRAP | Med gravel 1.5 - | | | 50 | Native | TREES/SHRUBS | 0 | 1 | 1 | | | 5 |
| 34 | | | 265.9 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | | |
| 33 | Rainier Beach Lake Park | Very High Priority | 287.5 | Vertical | Debris | 36 | | Sand | Med gravel 1.5-3 | | 30 | Native | TREES | 0 | 0 | 0 | | | 3 |
| 32 | Rainier Beach Lake Park | Low Priority | 538.6 | >5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | Large gravel 3-6 | SILTY, ORG | 100 | Other (mixed | TREES,BB | 3 | 3 | 0 | HARD | | |
| 51 | Seward Park | High Priority | 3024.2 | <5:1OLW>5:1OHW | Rip-Rap | -1 | SPARSE RIPRAP OR NONE | Large gravel 3-6 | cobble 6-12 | | 85 | Other (mixed | CONIFERS/TURF/BB | 4 | 3 | 2 | | POCKET BCH AT START OF REACH | 21 |
| 56 | Lake Washington Park | Low Priority | 501.2 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | | | 80 | Other (mixed | RCG/WILLOWS | 0 | 0 | 0 | | SUBSTANTIAL EROSION | 25 |
| 62 | Lake Washington Park | Low Priority | 1326.9 | >5:1OLW-OHW | None | 0 | | Large gravel 3-6 | cobble 6-12 | ORGANIC | 75 | Invasive | BB/RCG/TREES | 0 | 0 | 0 | MANMADE | | 5ROLL2 |
| 66 | Lake Washington Park | Low Priority | 1580.8 | Vertical | Vertical Concret | 5 | MORTARED WALL | Large gravel 3-6 | Sand | | 0 | No-Native | TURF | 0 | 0 | 0 | | | 9ROLL2 |
| 72 | Lake Washington Park | Low Priority | 463.8 | <5:1OLW>5:1OHW | None | 0 | | Med gravel 1.5 - | Sand | | 5 | Invasive | RCG/BB/SPARSE TR | 0 | 0 | 0 | | | 14ROLL2 |
| 84 | Madrona Park | No Action - Use Conflict | 696.7 | Vertical | Vertical Concret | 8 | ECOLOGY BLOCKS | Med gravel 1.5 - | Sand | | 3 | Other (mixed | TURF/TREES | 0 | 0 | 0 | | | 26ROLL2 |
| 1001 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 405.4 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 98 | Invasive | BB | 0 | 0 | 1 | | ISLAND | 15DC |
| 132 | Washington Park Arboretum | High Priority | 325.9 | <5:1OLW>5:1OHW | Rip-Rap | 3 | | Small Gravel 0 - | Sand | | 0 | No-Native | TURF/TREES | 0 | 0 | 0 | | | 25DC |
| 130 | Washington Park Arboretum | Very Low Priority - Good Quality Habitat | 750.3 | >5:1OLW-OHW | None | 0 | | Silt or Clay | Silt or Clay | | 0 | | | 1 | 3 | 5 | | | 23DC |
| 134 | East Montlake Park | No Action - Conserve Excellent Quality H | 679.1 | <5:1OLW-OHW | None | 0 | | Med gravel 1.5 - | Small gravel 0.5- | | 95 | Native | TREES/SHRUBS | 0 | 0 | 0 | | | 26, 27 |
| 1003 | Washington Park Arboretum | | 2494.8 | | | 0 | | | | | 0 | | | 0 | 0 | 0 | | | |

| Current Reach | Park Name | Restoration Priority | Reach Length | Shoreline Slope | Shoreline Armor | Toe Depth | Armor Notes | Forage Fish Habitat* | Primary Substrate | Secondary Substrate | Substrate Notes | Vegetation Type | Vegetation Notes | LWD Anchored | LWD Longshore | LWS Backshore | LWD Notes | Reach Notes | Photos |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 159 | Lowman Beach Park | Medium Priority | 160.8 | Vertical | Vert. Concret | -12 | Negative Depth is Inches Above MLLW | Low | Large Gravel 1.5 | Sand | | No-Native | turf | 0 | 0 | 0 | | TENNIS COURTS ADJACENT TO SHORELINE | 4 |
| 158 | Lowman Beach Park | Medium Priority | 61.0 | Vertical | Vert. Concret | 156 | some concrete steps with some riprap | Medium | cobble 6-12 | Sand | | No-Native | turf | 0 | 2 | 0 | | | 43dc |
| 157 | Lowman Beach Park | Medium Priority | 23.6 | >5:1MLW-MHW | Rip-Rap | 134 | some broken sheetpile behind riprap | Low | Large Gravel 1.5 | Small Grave 0.1-0 | | No-Native | turf | 0 | 6 | 0 | | | 42dc |
| 156 | Lincoln Park | No Action - Use Conflict | 771.1 | <5:1MLW>5:1MHW | Rip-Rap | 159 | | Medium | Sand | Small Grave 0.1-0 | | Other (mixed | trees/bb | 0 | 65 | 12 | | brief conc wall at very end of reach | 49dc |
| 155 | Lincoln Park | No Action - Use Conflict | 2051.6 | Vertical | Vert. Concret | 147 | | Medium | Sand | Med Gravel 0.5-1. | | Native | large trees | 0 | 999 | 500 | estimates, extremely abundant | | 48dc |
| 154 | Lincoln Park | No Action - Use Conflict | 252.0 | <5:1MLW>5:1MHW | Rip-Rap | 114 | | Medium | Sand | Med Gravel 0.5-1. | | No-Native | turf | 0 | 0 | 0 | | | 47dc |
| 153 | Lincoln Park | Very Low Priority - Good Quality Habitat | 1931.6 | <5:1MLW-MHW | Anchored Logs | 174 | and low cobble seawall | Medium | Sand | Med Gravel 0.5-1. | | No-Native | turf | 0 | 999 | 700 | extremely abundant | | 46dc |
| 152 | Lincoln Park | Very Low Priority - Good Quality Habitat | 380.0 | <5:1MLW-MHW | Other | 174 | cobble seawall | Medium | Med Gravel 0.5-1 | Med Gravel 0.5-1. | | No-Native | beachgrass.bturf | 0 | 150 | 50 | estimates/ lwd abundant | | 45dc |
| 150 | Emma Schmitz Park | No Action - Use Conflict | 852.3 | Vertical | Vert. Concret | 156 | some concrete steps with some riprap | Medium | cobble 6-12 | Sand | | No-Native | turf | 0 | 2 | 0 | | | 43dc |
| 149 | Emma Schmitz Park | No Action - Use Conflict | 417.2 | >5:1MLW-MHW | Rip-Rap | 134 | some broken sheetpile behind riprap | Low | Large Gravel 1.5 | Small Grave 0.1-0 | | No-Native | turf | 0 | 6 | 0 | | | 42dc |
| 148 | Emma Schmitz Park | No Action - Use Conflict | 457.6 | Vertical | sheetpile | 110 | | Low | Large Gravel 1.5 | Sand | | No-Native | turf | 0 | 2 | 0 | | | 41dc |
| 146 | Richey Viewpoint | No Action - Use Conflict | 352.2 | Vertical | sheetpile | 0 | | Medium | | | | No-Native | landscaped, turf | 0 | 25 | 0 | | | 39dc |
| 147 | Cormorant Cove | No Action - Use Conflict | 153.3 | >5:1MLW-MHW | Rip-Rap | 126 | | Medium | Sand | cobble 6-12 | cobble, then sand, going seaward | Other (mixed | landscaped/turf | 0 | 25 | 4 | | | 40dc |
| 140 | Alki Beach Park | No Action - Use Conflict | 1986.5 | <5:1MLW-MHW | Vert. Concret | 132 | | Medium | Sand | Med Gravel 0.5-1. | | No-Native | TURF | 0 | 0 | 0 | | | 33DC |
| 141 | Alki Beach Park | No Action - Use Conflict | 2355.7 | <5:1MLW>5:1MHW | Vert. Concret | 156 | | Medium | Sand | Sand | | No-Native | TURF | 0 | 500 | 300 | THESE ARE ESTIMATES, WOOD IS ABUNDANT | | 34DC |
| 142 | Alki Beach Park | No Action - Use Conflict | 6846.8 | Vertical | Vert. Concret | 42 | AND SUBSTANTIAL RIPRAP | Low | Sand | Small Grave 0.1-0 | | No-Native | TURF | 0 | 0 | 0 | | LUNA PARK SEAWALL | 35DC |
| 123 | Seacrest Park | Medium Priority | 702.4 | >5:1MLW-MHW | Rip-Rap | -48 | | Low | Med Gravel 0.5-1 | Sand | | No-Native | TURF/SHRUBS | 0 | 0 | 0 | | | 12DC |
| 122 | Seacrest Park | No Action - Use Conflict | 136.7 | | | 0 | | | | | | | | 0 | 0 | 0 | | MOTORIZED BOAT LAUNCH | NONE |
| 121 | Seacrest Park | Medium Priority | 921.3 | >5:1MLW-MHW | Rip-Rap | -48 | | Low | Med Gravel 0.5-1 | Sand | | No-Native | TURF/SHRUBS | 0 | 0 | 0 | | | 11DC |
| 120 | Seacrest Park | No Action - Use Conflict | 328.2 | <5:1MLW>5:1MHW | sheetpile | 156 | | Low | Med Gravel 0.5-1 | Large Gravel 1.5- | | No-Native | TURF | 0 | 22 | 8 | | POCKET BEACH | 10DC |
| 119 | Seacrest Park | Medium Priority | 481.6 | >5:1MLW-MHW | Rip-Rap | -54 | | Low | Sand | Med Gravel 0.5-1. | | No-Native | TURF | 0 | 0 | 0 | | | 9DC |
| 118 | Seacrest Park | No Action - Use Conflict | 233.3 | <5:1MLW>5:1MHW | sheetpile | 180 | ANCH LOGS | Low | Large Gravel 1.5 | Med Gravel 0.5-1. | | Invasive | BB | 0 | 6 | 0 | | POCKET BEACH | 8DC |
| 117 | Seacrest Park | Medium Priority | 601.6 | >5:1MLW-MHW | Rip-Rap | -48 | | Low | Large Gravel 1.5 | Sand | | Invasive | BB | 0 | 0 | 0 | | | 7DC |
| 116 | Seacrest Park | Very Low Priority - Good Quality Habitat | 155.3 | <5:1MLW>5:1MHW | Anchored Logs | 180 | | Low | Large Gravel 1.5 | Sand | | No-Native | TURF | 0 | 0 | 0 | | POCKET BEACH | 6DC |
| 115 | Seacrest Park | No Action - Use Conflict | 163.2 | >5:1MLW-MHW | Rip-Rap | -12 | | Low | Sand | Med Gravel 0.5-1. | | Other (mixed | SB/TURF | 0 | 0 | 0 | | | 5DC |
| 114 | Seattle Aquarium Waterfront | No Action - Use Conflict | 1381.0 | Vertical | Vert. Concret | -72 | PILINGS ALSO, TOE DEPTH IS ESTIMATED | Low | Sand | Silt or Clay | | | NONE | 0 | 0 | 0 | | WHARF/PIERS RELATED TO AQUARIUM | |
| 113 | Elliott Bay Park | Delete Me I'm a King County Park | 1209.4 | >5:1MLW-MHW | Rip-Rap | -36 | | Low | Boulder >12 | Sand | | No-Native | TURF/TREES | 0 | 7 | 0 | | INCLUDES ELLIOTT BAY PARK | 3DC |
| 112 | Myrtle Edwards Park | No Action - Use Conflict | 195.7 | <5:1MLW>5:1MHW | Anchored Logs | -36 | AND RIPRAP | Low | Sand | Small Grave 0.1-0 | | Invasive | BB/BEACHGRASS | 0 | 0 | 0 | | POCKET BEACH | 2 |
| 111 | Myrtle Edwards Park | No Action - Use Conflict | 1870.6 | >5:1MLW-MHW | Rip-Rap | -36 | AND DEBRIS | Low | Large Gravel 1.5 | Sand | | No-Native | TURF/TREES | 0 | 5 | 0 | | | 1DIGITAL CAMERA |
| 143 | Discovery Park | No Action - Conserve Excellent Quality Habitat | 2619.6 | <5:1MLW>5:1MHW | None | 0 | | High | Sand | Large Gravel 1.5- | some clay | Native | trees/shrubs | 25 | 290 | 10 | | | 36dc |
| 108 | Discovery Park | Very Low Priority - Good Quality Habitat | 2628.6 | <5:1MLW>5:1MHW | None | 0 | ROCKS SIMILAR TO RIPRAP UNDER DRIFTWOOD, BUT PROB NOT ARMOR | High | Sand | Small Grave 0.1-0 | | Other (mixed | GRASSES/SHRUBS/BB/SB/TREES | 0 | 700 | 250 | LWD, THESE NUMBERS ARE ESTIMATES | | 23ROLL3 |
| 107 | Discovery Park | No Action - Use Conflict | 193.0 | <5:1MLW>5:1MHW | Rip-Rap | 150 | | Low | Med Gravel 0.5-1 | Large Gravel 1.5- | | Native | GRASSES | 0 | 0 | 15 | | | 22ROLL3 |
| 109 | Discovery Park | Very Low Priority | 594.0 | <5:1MLW>5:1MHW | None | 0 | | Medium | Med Gravel 0.5-1 | Sand | | Other (mixed | BEACHGRASS/SHRUBS | 0 | 42 | 7 | | | 24ROLL3 |
| 145 | Discovery Park | No Action - Conserve Excellent Quality Habitat | 1249.9 | <5:1MLW>5:1MHW | None | 0 | | High | Sand | Large Gravel 1.5- | some beach boulders/cobble, sobstrate becomes coarser se | Native | trees/shrubs | 30 | 100 | 10 | estimates, abundant wood | cliffs | 38dc |
| 106 | Golden Gardens Park | Low Priority | 323.1 | <5:1MLW-MHW | None | 0 | | Medium | Sand | Med Gravel 0.5-1. | | Other (mixed | GRASSES/SHRUBS | 0 | 0 | 5 | | | 21ROLL3 |
| 105 | Golden Gardens Park | Low Priority | 877.4 | <5:1MLW>5:1MHW | None | 0 | | Medium | Med Gravel 0.5-1 | Sand | | Other (mixed | BEACHGRASS/SHRUBS | 0 | 0 | 9 | | | 20ROLL3 |
| 104 | Golden Gardens Park | No Action - Use Conflict | 1086.7 | <5:1MLW-MHW | None | 0 | | Medium | Sand | Small Grave 0.1-0 | | | | 0 | 0 | 15 | SITTING LOGS | SWIM BEACH | 19ROLL3 |
| 103 | Golden Gardens Park | No Action - Use Conflict | 1033.8 | >5:1MLW-MHW | Rip-Rap | 66 | | Low | Boulder >12 | Sand | | No-Native | TURF | 0 | 0 | 0 | | | 18ROLL3 |
| 102 | Golden Gardens Park | No Action - Use Conflict | 187.1 | | | 0 | | | | | | | | 0 | 0 | 0 | | MOTORIZED BOAT LAUNCH | |
| 101 | Carkeek Park | No Action - Use Conflict | 797.6 | <5:1MLW>5:1MHW | Rip-Rap | 36 | ARMOR IS SHIELDING RAIL TRACKS FROM EROSION | Medium | Sand | Small Grave 0.1-0 | | Other (mixed | SB/BEACHGRASS/BB | 0 | 49 | 23 | | PARK BOUNDARY LINE OR NOT | 17ROLL3 |
| 144 | Discovery Park | No Action - Use Conflict | 2909.8 | >5:1MLW-MHW | Rip-Rap | -68 | | Medium | Sand | Med Gravel 0.5-1. | | Native | shrubs/trees | 0 | 2 | 0 | | Part of this reach may be Metro King County Prop | |
| 110 | Discovery Park | Very Low Priority - Good Quality Habitat | 681.8 | <5:1MLW-MHW | None | 0 | | High | Sand | Small Grave 0.1-0 | | Other (mixed | BEACHGRASS/SHRUBS | 0 | 150 | 10 | ESTIMATE FOR BACKSHORE LWD | | 25ROLL3 |

vegetation.