

# Habitat Considerations

## Do no harm

- Fish passage continuity
- Existing habitat preservation
- Spawning ground awareness

## Habitat features incorporated into the park design

- Potential for habitat elements to be incorporated into the park feature footprint.

## Habitat improvements at the site scale

- Habitat improvement activities in conjunction with, but outside of the park feature footprint.

# Habitat Strategy Resources

## Upper Columbia Salmon Recovery Board

- Basin-scale context via recovery plan, data portal.

## Stakeholder Data

- WDFW, PUD, Yakama Nation
- Watershed-scale context, reach assessments, annual reports, fish use

# Tumwater Dam

## Reach Assessment Recommendations

- Outside of the reach assessment area (both lower and upper Wenatchee assessments)

## Initial Site Assessment

- Confined reach, natural migration corridor with little potential for habitat development.
- Risk of treatment failure under dominant hydraulic conditions
- Risk to boater safety

# Barn Beach

## Reach Assessment Recommendations

- Reach 9/8 boundary of the assessment
- Identified actions include increasing pool frequency and quality, large wood, and off-channel habitat
- Projects identified upstream include margin habitat enhancement and floodplain reconnection

## Initial Site Assessment

- At significant break in geomorphic character (Assessment reach boundary 9/8). Habitat potential increases upstream in Reach 9.
- In-stream and off-channel potential, alcove habitat, floodplain connectivity outside of the park footprint
- Documented redds near project site and upstream
- High public use area

# Dryden Dam

## Reach Assessment Recommendations

- Reach 7/6 boundary of the assessment
- Identified actions include increasing pool frequency and quality, increase large wood abundance, off-channel habitat and floodplain reconnection
- Multiple projects located in these reaches including immediately upstream at the mouth of Peshastin Creek

## Initial Site Assessment

- Improved fish passage
- Improved safety
- Habitat improvement limited by infrastructure constraints, high river traffic
- In-stream habitat potential
- Off-stream habitat potential in coordination with ongoing WDFW work in the mouth of Peshastin Creek.
- Documented redds near project site

# Cashmere Riverfront

## Reach Assessment Recommendations

- Reach 4 of the assessment
- Identified actions include increasing pool frequency and quality, increasing large wood abundance, off-channel habitat and floodplain reconnection
- Adjacent floodplain reconnection project identified

## Initial Site Assessment

- Limited potential due to site character including lateral confinement, high gradient, floodplain development
- In-stream habitat potential
- Documented redds near the project site

# Wenatchee River county Park (Monitor)

## Reach Assessment Recommendations

- Reach 4 of the assessment
- Identified actions include increasing pool frequency and quality, increased large wood abundance, off-channel habitat and floodplain reconnection
- Upstream projects identified include bank treatment and in-channel complexity

## Initial Site Assessment

- Limited potential due to site character including lateral confinement, high gradient, floodplain development
- In-stream habitat potential
- Off-channel habitat potential

# Walla Walla Point Park

## Reach Assessment Recommendations

- Outside of the assessment area

## Initial Site Assessment

- Potential for large margin habitat installations
- Off-channel habitat potential
- Constrained by intensive use, swimmer and boater safety issues.