



**VULNERABILITY**

Low      **LOW-MED**      Med      Med-High      High      Very High

**PRIORITY**

Low      Low-Med      **MED**      Med-High      High      Very High

**IMPORTANCE**

- Health and Wellness
- Organizational Culture
- Economy

**POTENTIAL IMPACTS**

- Flood Damage
- Loss of Use
- Erosion

**ACTIONS**

- Consider Flood Risk
- Relocate Buildings
- Manage Retreat

**WHY TRIBAL CAMPUS INFRASTRUCTURE IS IMPORTANT**

Centralized services at the Tribal Campus provide open access to Tribal Citizens and the public, communication across tribal departments, and a cultural connection to the surrounding landscape. Key departmental buildings contribute to the ongoing successes of tribal activities and, in turn, benefit from their location on the Tribal Campus. Wastewater tanks, also located in the campus area, are a critical link in the safe treatment of wastewater for the campus facilities.



## POTENTIAL IMPACTS OF CLIMATE CHANGE

On the Tribal Campus, the Natural Resources Lab and Planning Department buildings are the most vulnerable to sea-level rise in the near future. The foundation of the Natural Resources Lab in particular may be subject to flooding during storm events. Office staff would require relocation during and immediately after an inundation event. Coastal flooding could also inundate the campus wastewater collection tank area, disrupting safe transfer of wastewater to the processing facilities. Over the longer term, continued flooding and sea-level rise could erode and destabilize the area around the wastewater tanks and the buildings.

## ACTIONS TO INCREASE RESILIENCE

These buildings and the wastewater tanks are aging and will require replacement or substantial upgrades within the next 10 years. It will be cost effective to incorporate actions to increase resilience at that time.

### NEXT STEPS

- Develop a relocation and business continuity plan in the event that campus buildings and infrastructure are unable to be used during a flood event.
- Consider “managed retreat” from higher risk coastal flood zones so as buildings are renovated or replaced, they are moved out of future flood risk zones.
- Incorporate consideration of current and future coastal flood risk zones into any building, utility, or wastewater master plan.



## SEA LEVEL RISE IN BLYN

This map show the potential inundation during high tides (dark purple) and coastal flood risk zone (light pink) for the Tribal Campus Area for the medium severity sea level rise scenario projected to occur between 2055-2090.

