

Skagit County Multi-Jurisdictional

Natural Hazard Mitigation Plan

Mid-Cycle Update January 2023



Skagit County 2020 Multi-Jurisdiction Hazard Mitigation Plan Update Mid-Cycle Review

Plan Implementation and Maintenance

The hazard mitigation plan will be reviewed annually, and a progress report prepared. These reviews may be more or less frequent, as deemed necessary by the Emergency Management Director and the mitigation plan advisory committee, but there will be a minimum of one review per year. The minimum task of each planning partner will be the evaluation of the progress of its individual action plan during a 12-month performance period.

- Summary of any hazard events that occurred during the performance period and the impact these events had on the planning area.
- Review of mitigation success stories.
- Review of continuing public involvement.
- Brief discussion about why targeted strategies were not completed.
- Re-evaluation of the action plan to determine if the timeline for identified projects needs to be amended (such as changing a long-term project to a short-term one because of new funding).
- Recommendations for new projects.
- Changes in or potential for new funding options (grant opportunities).
- Impact of any other planning programs or initiatives that involve hazard mitigation.

The 2020 Hazard Mitigation Plan identified a maintenance strategy that included regular reviews during the plan's life cycle.

Limitations

To a large extent, those reviews did occur; however, the County and its current planning partners were heavily engaged in COVID related response activities. In-person meetings and many nonessential activities were delayed, postponed, or canceled. Although some meetings eventually were conducted virtually attendance and participation in nonessential activities were a factor as to whether the scheduled review was an essential activity. This was up to the individual agency and partners of this plan. During the COVID response, there was no formal organized review by the planning committee.

Situation

A. Emergency/Disaster Conditions and Hazards

Normal Flood Hazard Awareness Week activities were altered to accommodate vital training and readiness activities for essential response personnel only. The Department of Emergency Management took a multi-faceted approach to gain community involvement in public outreach efforts and education using virtual meetings and social media information pushes. Those efforts required a very large level of involvement by the Emergency Management Department and Public Works staff, as well as other departments within the County, and its planning partners. In addition, during this period, FEMA and the

United States Army Corps of Engineers (USACE), as well as several state agencies (e.g., Department of Natural Resources, Department of Ecology, local colleges) limited their public participation to virtual and essential activities as well. These protection measures impeded the County's ability to do a comprehensive annual review and written update as well as any work on nonemergency mitigation projects. While the plan review did not occur as intended, the County nonetheless was effective in completing several of the strategies and action items identified in the plan.

In 2021 and 2022 Skagit experienced not only the effects of the COVID pandemic and the limited public activities allowed (lockdown) but also several storms and atmospheric rivers that resulted in heavy flooding, landslides, and wind damage. Having to respond to these emergencies under COVID restrictions presented many new challenges to the way Skagit County normally would respond. In 2022, this region experienced abnormally warm and dry weather that allowed wildland fires to threaten areas that historically have not been threatened.

B. Direction

For these reasons, the Director of Emergency Management deemed it prudent to seek grant funding to start the next development cycle for the Skagit County NHMP. An early start will allow the planning committee the required time to invite additional partners to the plan, identify future specific mitigation projects, review emergency response plan updates of local jurisdictions to identify possible additional mitigation opportunities, and provide enough time for a thorough review of the hazards, their impact on Skagit County and then the proper prioritization of the mitigation activities.

Continued Public Involvement

Skagit County is dedicated to involving the public directly in the review and updates of the hazard mitigation plan. The public will continue to be apprised of the plan's progress through the county's website and the annual progress reports that will be provided to the media. All planning partners have agreed to provide links to the Hazard Mitigation Plan website on their websites to increase avenues of public access to the plan. The Skagit County Department of Emergency Management has agreed to post the hazard mitigation plan and the reviews on its website. Comments may be submitted to the Skagit County Department of Emergency Management by emailing comments to: DEM@co.skagit.wa.us

Mid Cycle Review 2022

In 2022, the Department of Emergency Management (post-COVID lockdown) organized an official mid-cycle review process virtually and via email. This report summarizes the mitigation activities that were accomplished and addresses ongoing projects and any issues that have been identified by the plan holders.

Skagit County

INITIATIVE #1 – Continue data gathering for facility information to continue to improve the risk assessment and identification of infrastructure countywide

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Skagit County maintains a list of critical facilities

INITIATIVE #2 – Work with County and state agencies to establish a protocol and advance permitting for transporting of hazardous materials for identification during an incident. Establish a countywide hazardous materials incident response team

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: LEPC and CAER groups are attempting to build community support on this topic.

INITIATIVE #3 – Develop Drought Contingency Plan to address public education and water conservation practices (as necessary), particularly when needed for firefighting

Status: No Progress Currently

Timeline: Short-term

Priority: Medium

Action Update: Will be working with PUD and the Skagit County Soil and Water conservation District spring of 2023 to develop an outreach program. Other partners will be asked to participate

~~*INITIATIVE #4 – Develop Drought Contingency Plan to address public education and water conservation practices (as necessary), particularly when needed for firefighting*~~

Action Update: Repeat of Initiative# 3

INITIATIVE #5 – Coordinate among all jurisdictions to seek out and apply for grants for site hardening of facilities. This includes back-up power at county/city facilities, among others

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Action Update: The joint meeting has not occurred due to past COVID restrictions. Will be scheduling in near future.

INITIATIVE #6 – Continue implementation of coordinated public information program within Skagit County to inform citizens about the hazards faced and the appropriate preparedness and response measures, including, but not limited to, NFIP, Earthquake, Tsunami (based on 2018 data) and landslide information; specific types of insurance information, and structural projects which homeowners can undertake, such as affixing chimneys, foundations, fire-proof roofing materials, etc.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority:

Action Update: Fair, Meet and Greets, library visits, and seasonal web based info sessions

INITIATIVE #7 – Continue to expand CERT training, involving local teams in exercises and training with first responders.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Developing a High School and Industry Program to augment the current CERT programs

INITIATIVE #8 - Identify and designate emergency shelter structural and utility readiness for occupancy after a significant incident.

Status: No Progress Currently

Timeline: Short-term

Priority: Medium

Action Update: Currently Public Health is working on improving the ESF 6 Mass Care Plan

INITIATIVE #9 – Provide erosion control information and steep slope stability recommendations to citizens and homeowners. Inform owners concerning structures above steep bluffs or below steep bluffs. Increase monitoring of countywide erosion issues and bluffs.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: As a part of our standard critical areas review process, Skagit County staff uses maps of known or suspected geologic hazards (erosion hazards, landslide hazards, seismic hazard areas, volcanic hazard areas and mine hazard areas), as well as a site inspection to determine if a geologic hazard is present within 200 feet of proposed development. If a known or suspected geologic hazard is within our review area, the applicant shall provide a site assessment prepared by a qualified geologist or geotechnical engineer, licensed in the State of Washington. Erosion control methods and slope stability recommendations are provided by qualified professionals and will be listed as conditions of approval on permits from the County.

INITIATIVE #10 – In conjunction with the Diking and Irrigation Districts, assist in conducting a needs assessment to determine logistical requirements for equipment and parts for dike and drainage equipment, wells, and water distribution sources to ensure a surplus allowing for management of floodwaters, and continued supply of potable water in case commodity flow is impacted by a major event.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: The CISA Water Resiliency plan was completed, PUD HMP was updated and the City of Anacortes Water Dept joined the HMP planning team. Dike Districts HMP updated.

INITIATIVE #11 – In coordination with the Skagit County Conservation District and local fire agencies, continue to promote a “FireWise” program in County to increase fire safety zones around businesses and residences. Encourage owners to reduce woodland fuel loads on their property, as well as other strategies identified in the 2019 CWPP

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: Skagit Conservation district is assisting in developing more specific programs in our CWPP 2019 for future grant funding to assist the FireWise outreach

INITIATIVE #12 - Work with local jurisdiction and planning partners to develop various emergency planning efforts to help ensure continuity of business and resiliency, and to develop mechanisms to ensure recovery efforts exist.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Due to COVID response this initiative was tabled. Side discussion with planners have been occurring but nothing formal to this date.

INITIATIVE #13 – Partner with the Washington State Department of Transportation, surrounding counties, and local municipalities to expand earthquake assessment of roadways and bridges to reduce hazard impact and transportation-related issues and potential isolation.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: CISA Transportation, energy, and airports Resiliency Assessment completed. Additionally, a post-earthquake Isolation study has been completed to help identify isolated populations within the county

INITIATIVE #14 – Continue to promote and establish countywide emergency management actions, projects, and programs, working with the cities and special purpose districts, to enhance resiliency and maintain consistency in mitigation activities, emergency management programs, and capabilities. This includes seeking grant funding to support such initiatives.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Annual Flood Awareness Preparedness Week, Tsunami Drills, Great Shakeout, and Community night out events, are just a few activities used to promote countywide preparedness.

INITIATIVE #15 – Strive to capture time-sensitive, perishable data such as high water marks, extent and location of hazards, and loss information following hazard events to support future updates to the risk assessment and in support of a future grant applications to demonstrate impact.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: The discussion was had during FAW 2022 with Dike District 17 about the placement of a manual gauge river gauge on the I5 bridge readable from the Dike District office and recordable with the camera. Hiring someone to fly after the Nov 21 flood and take aerial photos was discussed with GIS but timing and funding is a barrier to making it happen.

INITIATIVE #16 - Continue to enhance local emergency planning committee (LEPC) involvement with private industry and local jurisdictions throughout the County with the goal of quarterly meetings.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Flood Season LEPC coordinated with industry partners staffing assistance in the County EOC during a major flood event. LEPC meetings have grown in interest averaging 45+ attendees from industry, responders, citizens, media, elected officials, schools and tribal governments

INITIATIVE #17 - Continue to integrate mitigation planning data into ongoing land-use planning to assist in providing information necessary to enforce existing building codes, floodplain and critical areas ordinances, and shoreline protection.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: CRS and Fire wise programs will also be used to integrate and prioritize initiatives into the HMP.

INITIATIVE #18 – Maintain countywide mutual aid agreements with both public and private agencies in support of preparedness and response activities

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: Updated several expired agreements and in process of completing Tsunami Siren agreements

INITIATIVE #19 – Update the flood profile once the Assessor’s data is updated, and the Flood Insurance Study and RiskMAP products are finalized. Review existing ordinances in place to ensure continued protection and compliance. This may include the County seeking grant funding to develop a comprehensive update, including public outreach to ensure the information is disseminated countywide.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: FEMA has not yet completed a revised FIS or issued revised NFIP maps. Skagit County is prepared to update local codes and ordinances once this occurs.

INITIATIVE #20 – Work with local school districts to study and retrofit school facilities to better withstand damage from earthquakes, tsunamis, floods, severe weather, erosion, and landslide events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Currently assisting schools with evacuation planning and those in Flooding inundation zones we are working with cities to assist in reunification post-event. Burlington Edison School district has expressed interest in joining the HMP planning partnership to help find solutions for the school in the tsunami inundation zone.

INITIATIVE #21 - Study, retrofit or move county-owned facilities to better withstand damage from the earthquake, floods, severe weather, and tsunami.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: An earthquake study has been completed for the county courthouse.

INITIATIVE #22 – Evaluate and enhance the current capital improvements program for county roads. Working with corresponding special purpose districts include/review as necessary, drainage projects such as culverts; elevate roadways as necessary where areas are frequently flooded, blocking ingress and egress; replace small-diameter flood control devices in known flood problem areas; enhance drainage system maintenance plans and sediment and debris clearance to ensure unobstructed flow of floodwaters

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: This is a relevant area for County Engineer to provide input. The county is beginning to work on this but is definitely in need of a dedicated funding source.

INITIATIVE #23 – Seek grant funding for the acquisition of properties in high-hazard areas, with special attention to repetitive or severe loss properties.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: Public Works actively seeks grant funding for this initiative.

INITIATIVE #24 – Continue participation in the NFIP; continue implementation of the various steps to increase CRS scores to help lower insurance premiums.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: We are continuing to implement our Flood Damage Prevention ordinance and are currently a Class 5 Community in the FEMA CRS program.

INITIATIVE #25 - Continue to design and build facilities to meet or exceed seismic and code standards, including redundant essential equipment. Apply current seismic and wind load standards to all renovations or replacement of existing facilities, and/or equipment

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Action Update: No update to report and no funding is sought at the time of this update.

INITIATIVE #26 – Conduct activities that support mitigation efforts to reduce the negative influence of natural hazards impacting Skagit County, such as appropriate hazard identification, warning, dissemination of relevant information and data, and public outreach.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: After Nov 2021 floods this should be a high priority. We need to improve our notification process for the public.

INITIATIVE #27 – Work with local public and private entities to review infrastructure control systems and ensure an appropriate level of security and protection measures are in place. As appropriate, conduct an audit of policies and procedures to ensure consistency and accuracy in the application of security devices in place (e.g., dams, high-hazard facilities, etc.).

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: No organized coordinated effort has been conducted at this time of this update.

INITIATIVE #28 – Implement cost-effective measures to address the vulnerability of facilities at risk to sea level rise, extreme high tides, and storm surges as they relate to the potential inflow of saltwater. This includes working with local private water purveyors.

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Action Update: This is an important topic for multiple departments, the Consortium and Dike District Partnership to provide comments on.

INITIATIVE #29 Utilize data gathered during risk assessment to identify capital projects that, when modified, increase the the resilience of the County's structures and conveyances to damage, or that allow a more expedited process for recovery from the impact of disaster incidents

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: No update available.

INITIATIVE #30 – Consider projects enhancing the resistance of county structures to impact from hazards of concern, such as seismic bracing of equipment, piping, and fixtures, removal of high-hazard beams, access road reinforcement, or seismic upgrades of underwater interceptors.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Structural assessments completed on largest County buildings. Courthouse will receive a partial seismic retrofit in 2023 through removal of old jail on 4th floor. Sesimic vulnerabilities in other buildings will be addressed in Facilities Strategic Plan that should be adopted in 2023.

INITIATIVE #31 – Implement a recovery system to ensure maximum FEMA reimbursement for disaster response, repair, mitigation, and recovery, which will capture and track emergency activities, associated expenses (mileage, supplies, expendables, outside vendors, etc.), employee time and dedicated resources.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: Evaluating best practices throughout the state to determine the most appropriate system to use within the county.

INITIATIVE #32 – Develop a web-based application to capture damage assessment from citizens, which can be verified by emergency personnel to expedite damage assessment. This may include an interface between the Assessor’s office for property values, as well as a mechanism for rapid windshield assessment by first responders.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: Medium

Action Update: Online survey form available to IA to report damage.

INITIATIVE #33 Develop public outreach which supports community participation in incentive-based programs, such as the Community Rating System, FireWise, and StormReady.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Planning & Development Services advertises the NFIP and CRS programs at least annually. DEM is currently working with School Districts on tsunami evacuation planning. This will be reflected in the "Tsunami Ready" certification.

INITIATIVE #34 – Seek out and apply for grant funding, or seek technical assistance from FEMA to identify tsunami-resistant structures in inundation zones to allow for the installation of flashing lights to serve as potential tsunami shelters or evacuation sites. This may lead to retrofits of the most suitable structures in the inundation areas to allow such structures to serve as vertical evacuation or tsunami-resistant structures.

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: USGS and the State EMD is currently evaluating inundation zones and what critical infrastructure is in those zones to see if a low cost mitigation project would be suitable such as retrofitting and or certifying for vertical evac already existing buildings rather than build new structures

Public review notice: The contents of this report are public knowledge and have been prepared for total public disclosure. Copies of the report will be available to the governing boards of all planning partners and to local media outlets and the report is posted on the Skagit County hazard mitigation plan website.



ANACORTES

WASHINGTON



Anacortes

Updated Primary Point of Contact

As of 11/01/2022

Bill Harris, Fire Chief
1016 13th Street
Anacortes, WA, 98221
(360) 293-1925
billh@cityofanacortes.org

INITIATIVE # 1 Install Tsunami Warning Sirens & Signs

Status: Continual /Ongoing Nature
Timeline: Short-term
Priority: Low

Four Sirens were installed near shoreline areas of the City: Fidalgo Bay Resort, 22nd & R Ave, 4th & T Ave, and Skyline Way. Additional sites are needed to encompass all the areas,

Action Update: particularly to the North of the City, along the Guemes Channel.

INITIATIVE # 2 Shore-Up City Facilities & Buildings for Seismic/Structural Protection

Status: No Progres Currently
Timeline: Long-term
Priority: High

Analysis was conducted in 2007 and was estimated at that time to be \$2,474,000. It has not

Action Update: been acted upon due to lack of revenue.

INITIATIVE # 3 Enhance Communications countywide. This includes both the technical components (interoperable communications), as well as the ability to provide additional public outreach City wide to citizens and business owners. Such efforts will further enhance risk reduction programs, and alert and warning systems, and provide resources necessary for police and fire capabilities.

Status: No Progres Currently
Timeline: Long-term
Priority: Medium

Interoperable communications is not within financial realm of accomplishing. No changes to

Action Update: community outreach as there is not staff time dedicated to this work.

INITIATIVE # 4 Construct an EOC Building

Status: No Progres Currently
Timeline: Long-term
Priority: High

Action Update: Discussions only about purchasing other buildings but no active steps have been taken.

INITIATIVE # 5 Develop a Community Shelter at the Anacortes High School.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Red Cross has engaged the school district, but no formal agreements or updated inspections

Action Update: have been completed.

INITIATIVE # 6 Develop/enhance a system to manage stormwater run-off, increase potable water pipelines, and replace and upgrade outdated water/wastewater infrastructure and water/wastewater treatment plants, including storm system restoration/upgrade, and pond restoration.

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

The City had dedicated 1.4 million dollars annually over the next several years to replace old

Action Update: water main infrastructure.

INITIATIVE # 7 Provide Protection of Steep Slopes (Landslides)

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

The City has approved a Critical Areas Ordinance which requires development of any type to

Action Update: hire a geotechnical engineer to provide recommendations on protecting slide prone areas.

ANSI standard Flood Plain Management Code 2' of freeboard instead of 1' foot.

INITIATIVE # 8 Flood Protection for Water Treatment Plant & Emergency Generator

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

The recently new clear well was not designed with a Ring Dike to protect it from river

Action Update: flooding. This projec still need to be scheduled and budgeted.

INITIATIVE # 9 Fire Protection of Municipal Buildings

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

A non-compliant fire alarm system with limited coverage is provided currently. Bids were

Action Update: issued for costing thissystem, but is not budgeted for coming fiscal years.

INITIATIVE # 10 Install Alternate Fuel Source for Generators at Municipal Buildings

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Also a home generator is immediately available to power some of the Information Technology systems. Bids were issued for costing this system, but is not budgeted for coming

Action Update: fiscal years.

Proposed INITIATIVE: Currently there is no new initiative recommended

Status:

Timeline:

Priority:

Action Update:



Town of Concrete

The Green Gateway to the North Cascades



Concrete

AS OF 11/22

INITIATIVE #1 – Replacement and upgrade of existing inefficient 1989 pumper engine.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update: Mitigation measure will be completed when funding can be secured.

INITIATIVE #2 – Retrofit Town-Owned facilities to better withstand damage from flood, earthquakes, and severe weather.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Mitigation measure will be completed when funding can be secured.

INITIATIVE #3 – Modify existing electrical service for Town Hall and Skagit County East Detachment Office.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Mitigation measure will be completed when funding can be secured.

INITIATIVE #4 Continue to support and work with the County to maintain public awareness of the hazards of concern, and to seek out and apply for grant opportunities that will lessen the impact of the hazards of concern.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: This is an ongoing, continuous and cooperative initiative.

Concrete School District

INITIATIVE #1 Integrate the findings and action items in the mitigation plan into ongoing programs and practices for the district.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE #2 Review emergency and evacuation planning to incorporate hazard and risk information from the mitigation plan.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 3 Consider natural hazards whenever citing new facilities and locate new facilities outside of high-hazard areas.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update:

INITIATIVE # 4 Professionally evaluate hazard risks for the Elementary School, High School, and portables. Implement measures on results as funding becomes available.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 5 Maintain, update and enhance facility data and natural hazards data in the ICOS database.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 6 Develop and distribute educational materials regarding natural hazards, vulnerability, and risk for K 12 facilities.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 7 Enhance emergency evacuation planning for all campuses for which hazards are possible.

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: High

Action Update:

INITIATIVE # 8 Flood Protection for Water Treatment Plant & Emergency Generator

Status: No Progres Currently

Timeline:

Priority:

Action Update:

INITIATIVE # 8 Post the district's mitigation plan on the website and encourage comments from stakeholders for the ongoing review and periodic update of the mitigation plan.

Status: Completed

Timeline:

Priority:

Action Update:

Proposed INITIATIVE: Currently there is no new initiative recommended

Status:

Timeline:

Priority:

Action Update:

Public review notice: The contents of this report are public knowledge and have been prepared for total public disclosure. Copies of the report will be available to the governing boards of all planning partners and to local media outlets and the report is posted on the Skagit County hazard mitigation plan website.

Dike, Drainage, and Irrigation Updates

Dike District 1

AS OF 11/22

INITIATIVE #1 Enhance existing PL-84-99 levees. Improve existing levee structural integrity to reduce flooding risk per recommendations of the Corps Skagit General Investigation Study.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Improvement projects and maintenance activities continual/ongoing through District. Current

Action Update: pending long-term projects include levee improvements at Edgewater Park (2023-2028) and Spud House/Marsh Road (2022-2025).

INITIATIVE #2 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status:

Timeline:

Priority:

Action Update: N/A

INITIATIVE # 3. Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status:

Timeline:

Priority:

Action Update: N/A

INITIATIVE #4. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status:

Timeline:

Priority:

Action Update: N/A

INITIATIVE #5. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status:

Timeline:

Priority:

Action Update: N/A

INITIATIVE #6. Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status: Completed

Timeline: Long-term

Priority: High

Action Update: Flood fight manual and emergency flood response protocols/action plan (and contact info) updated 2020

INITIATIVE #7. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status:

Timeline:

Priority:

Action Update: N/A

INITIATIVE #8. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Evacuation planning ongoing with jurisdictional partners City of Mount Vernon and Skagit County.

~~*INITIATIVE #9. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.*~~

Status:

Timeline:

Priority:

Action Update: * Repeated Action see #8

INITIATIVE #10. Construct seepage berms. Improve existing levee structural integrity to reduce the risk of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Seepage berm construction continual/ongoing through District. Recent completed berm improvements include Behren's Millet Road Levee (2020), Dunbar Road Levee (2022), Jackpot Lane Levee (2021).

INITIATIVE #11. Work with BNSF to evaluate options to replace the BNSF bridge to reduce flooding risk

Status:

Timeline:

Priority:

Action Update: N/A

Dike District 3

AS OF 11/22

INITIATIVE #1 Inventory Non -L84-99 levees. Identify deficiencies and develop a capital improvement plan; become eligible for grant funding, repair and improve levees to reduce the risk of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE #2 Enhance existing PL-84-99 levees. Improve existing levee structural integrity to reduce flooding risk per recommendations of the Corps Skagit General Investigation Study.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike works with the Corps to inspect and repair levees. They are working on several levee repair projects at damage sites from the 2019 and 2021 flood events.

INITIATIVE #3 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: D3 has new tidegate in place. Nothing to report

INITIATIVE # 4. Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE #5. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: No Progres Currently

Timeline: Long-term

Priority: Low

Action Update: none

INITIATIVE #6. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: No Progres Currently

Timeline: Long-term

Priority: Low

Action Update: Dike 3 has not pumps at the current time.

INITIATIVE #7. Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE #8. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 5 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnerhsip have been activly participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #9. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: No Progres Currently

Timeline: Long-term

Priority: Low

Action Update: none

~~*INITIATIVE #10. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.*~~

Status:

Timeline:

Priority:

Action Update: * Repeated Action see initiative #9

INITIATIVE #11. Construct seepage berms. Improve existing levee structural integrity to reduce the risk of flooding.

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE #12. Work with BNSF to evaluate options to replace the BNSF bridge to reduce flooding risk

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: On behalf of member districts, the Consortium and Dike Partnership made comments on the

Public review notice: The contents of this report are public knowledge and have been prepared for total public disclosure. Copies of the report will be available to the governing boards of all planning partners and to local media outlets and the report is posted on the Skagit County hazard mitigation plan website.

SKAGIT DIKE, DRAINAGE & IRRIGATION DISTRICT 12

AS OF 11/22

INITIATIVE # 1: Inventory coastal dikes and evaluate extreme coastal events. Identify deficiencies and develop capital improvement plan; become eligible for grant funding, repair and improve coastal dikes to reduce the risk of coastal flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Dike 12 evaluated damage after Jan. 2022 coastal flood event and has made the necessary repairs

INITIATIVE # 2 Enhance existing PL-84-99 levees. Improve existing levee structural integrity to reduce flooding risk per recommendations of the Corps Skagit General Investigation Study.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike works with the Corps to inspect and repair levees. They are working on several levee repair projects at damage sites from the 2019 and 2021 flood events.

INITIATIVE # 3 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: Dike 12 has completed an inventory of tidegates. They have one outstanding tidegate repair project and plan to have construction completed in 2023.

INITIATIVE # 4. Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: Dike 12 does not have any flood return structures.

INITIATIVE #5. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Dike 12 would work with Skagit County to identify flood return locations in the future.

INITIATIVE #6. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: Dike 12 routinely inventories pumps/pump stations.

INITIATIVE #7. Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status: Completed

Timeline: Short-term

Priority: High

Action Update: Plan is in place and up to date.

INITIATIVE #8. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 12 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #9. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: No Progres Currently

Timeline: Long-term

Priority: High

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #10. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: No Progres Currently

Timeline: Long-term

Priority: High

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #11. Construct seepage berms. Improve existing levee structural integrity to reduce the risk of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 12 is continueing to invest in design, engineering, and construction of seepage berms to improve the structural integrity of the levee system.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 17

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 17 has one tidegate - it was repaced in 2017 and is performing well.

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 17 does not have any flood return structures.

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 17 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 17 has one pump station. Currently this pump station is in good shape, but Disrict 17 may evaluate modernizing this pump station the future.

INITIATIVE #5 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DIKE, DRAINAGE & IRRIGATION DISTRICT 5

AS OF 11/22

INITIATIVE # 1. Inventory coastal dikes and evaluate extreme coastal events. Identify deficiencies and develop a capital improvement plan; become eligible for grant funding, repair and improve coastal dikes to reduce the risk of coastal flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 5 is eligible for grant funding through FEMA and has worked with FEMA to repair coastal flooding damage during disasters in 2021 and 2022. Dike 5 is working with FEMA to survey the existing marine dike and has hired Aspect Consulting to evaluate coastal flooding risks and prepare a long-term capital improvement plan.

INITIATIVE #2 Inventory Non -L84-99 levees. Identify deficiencies and develop a capital improvement plan; become eligible for grant funding, repair and improve levees to reduce the risk of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 5 performed a levee inspection following the large Nov. 2021 flood event and no deficiencies were identified.

INITIATIVE #3 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Dike 5 has worked with Skagit County to complete designs to replace the Alice Bay tidegates. Dike 5 applied for Corps permits in 2021 and construction is pending permit approval and construction funding.

INITIATIVE # 4. Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 5 is working with Skagit County to finish design and permitting for new flood return structures at two sites within District 5. District 5 will work with Skagit County to identify a funding source for construction

INITIATIVE #5. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: This study has been completed.

INITIATIVE #6. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: none

INITIATIVE #7. Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

Action Update: Dike 5 will support Skagit County DEM with the development and review of a plan.

INITIATIVE #8. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Dike 5 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnerhsip have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #9. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #10. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Skagit County is responsible for developing the plan and installing signage.

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SKAGIT DRAINAGE & IRRIGATION DISTRICT 14

AS OF 11/22

INITIATIVE #1. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE #2. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

In August of 2022, District 14 began work with an Engineering Firm to conduct a feasibility

Action Update: study of a new pump station to reduce the duration of upland flooding upstream of Josh Wilson Road.

INITIATIVE #3. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 14 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #4. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 15

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: District 15 has inventoried their tidegate infrastructure

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: District 15 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 15 has met with Skagit County and the Port of Skagit to discuss plans to replace the large tidegate structure at the outlet to Sullivan Slough. In September of 2022, Skagit County authorized a hydraulic consultant to conducting modeling at the site to support feasibility. District 15 will continue to meet with Skagit County and the Port of Skagit to advance a feasibility study at this site.

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: District 15 has inventoried their pump station and has identified a pump station in need of repair/replacement.

INITIATIVE #5 Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 15 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #6 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

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SKAGIT DRAINAGE & IRRIGATION DISTRICT 16

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Inventory has been completed, no immediate plans for action.

INITIATIVE # 2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: No Progres Currently

Timeline: Long-term

Priority:

Action Update: Currently District 16 does not have any flood return structures.

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: No Progres Currently

Timeline: Long-term

Priority: Low

Action Update: District 16 would partner with Skagit County as needed to evaluate new outlets.

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Pump stations have been inventoried has been completed, one pump needs repairs.

INITIATIVE #5 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 17

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 17 has one tidegate - it was repaced in 2017 and is performing well.

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 17 does not have any flood return structures.

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 17 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies.

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 17 has one pump station. Currently this pump station is in good shape, but Disrict 17 may evaluate modernizing this pump station the future.

INITIATIVE #5 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 18

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 18 has inventoried their tidegates and has not identified any immediate needs to replace or improve this infrastructure.

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 18 does not have any flood return structures.

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 18 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 18 has one pump station. Currently this pump station is in good shape, will do an inspection soon.

INITIATIVE #5 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 19

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 19 has inventoried their tidegates and has identified 2 locations that require maintenance/repair work.

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 19 does not have any flood return structures.

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 19 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 19 routinely inspects pump stations and has not identified any immediate needs to replace or improve pump stations at this time.

INITIATIVE #5. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 19 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #6 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT DRAINAGE & IRRIGATION DISTRICT 22

AS OF 11/22

INITIATIVE #1 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: District 22 does not have any tidegates at this time.

INITIATIVE #2 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: District 22 does not have any flood return structures. They will support Skagit County if/when the County conducts additional studies

INITIATIVE #3 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: No Progres Currently

Timeline: Long-term

Priority: High

Action Update: none

INITIATIVE #4 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: District 22 received grant funding and recently completed feasibility designs for a replaced pump station. They also have secured funding for final design/permitting.

INITIATIVE #5 Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 22 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnerhsip have been activly participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #6 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

SKAGIT CONSOLIDATED DIKE, DRAINAGE & IRRIGATION DISTRICT 22

AS OF 11/22

INITIATIVE # 1: Inventory coastal dikes and evaluate extreme coastal events. Identify deficiencies and develop capital improvement plan; become eligible for grant funding, repair and improve coastal dikes to reduce the risk of coastal flooding.

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

Action Update: none

INITIATIVE # 2 Enhance existing PL-84-99 levees. Improve existing levee structural integrity to reduce flooding risk per recommendations of the Corps Skagit General Investigation Study.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

CDD 22 works with the Corps to inspect and repair levees. They are also actively working with WDFW on repairs to the Wiley Levee; WDFW expects this project to go to bid in the fall of 2022 and have the necessary repairs constructed in 2023.

INITIATIVE # 3 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: CDD 22 has completed an inventory of tidegates and has not identified any that need near-term replacment or improvement.

INITIATIVE # 4. Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: CDD 22 does not have any flood return structures.

INITIATIVE #5. Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: CDD 22 is working with Skagit County to identify locations and prepare feasibility analysis for a new flood return structure at the south end of Fir Island.

INITIATIVE #6. Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: CDD routinely inventories pumps/pump stations. CDD 22 had to replace the outlet pipes at one pump station. No other major work has been identified.

INITIATIVE #7. Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: none

INITIATIVE #8. Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: CDD22 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #9. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #10. Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #11. Construct seepage berms. Improve existing levee structural integrity to reduce the risk of flooding.

Status: Completed

Timeline: Short-term

Priority: High

Action Update: CDD22 worked with Corps of Engineers to construct seepage berms in high priority locations on Fir Island.

SKAGIT DIKE, DRAINAGE & IRRIGATION DISTRICT 25

AS OF 11/22

INITIATIVE #1 Inventory Non -L84-99 levees. Identify deficiencies and develop a capital improvement plan; become eligible for grant funding, repair and improve levees to reduce the risk of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 25 inspected levees following the Nov. 2021 flood event. District 25 identified damage associated with overtopping and made repairs in 2022.

INITIATIVE #2 Inventory Tidegate(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Medium

Action Update: District 25 does not have any tidegates/ they have inspected all of their floodgates

INITIATIVE # 3 Inventory Flood Return Structure(s). Replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 25 replaced two failing flood return structures in 2021.

INITIATIVE #4 Conduct studies to identify and design additional flood return/tide gate structures. Improve flood return capacity to reduce the duration of flooding.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: District 25 is working with Skagit County to install additional flood return pipes upstream of Farm to Market Road. Skagit County has developed final design and has applied for permits. District 25 will continue to work with Skagit County to obtain permits and construct this project.

INITIATIVE #5 Inventory pump(s). replace/improve aging infrastructure to reduce the duration of upland flooding.

Status: Completed

Timeline: Short-term

Priority: Low

Action Update: District 25 does not have any pumps or pump stations.

INITIATIVE #6 Develop a flood fight protocols manual. Make sure emergency contacts and protocols are in place for natural hazard events to improve response times

Status:

Timeline: Long-term

Priority: Low

Action Update: District 25 will work with the County to develop a plan.

INITIATIVE #7 Increase flood storage and change in timing at the SCL Ross Reservoir. Reduce flood risk and changes in the seasonality of flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: District 25 supports work being conducted by the Consortium and Dike Partnership on the SCL FERC relicensing. The Consortium and Dike Partnership have been actively participating in this process since 2019 and have requested an Operational Change to increase storage at Ross to 200,000 ac-ft by Nov. 1.

INITIATIVE #8 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: No Progress Currently

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #9 Develop an evacuation plan for residents within the district. Reduce risk to residents from natural hazard events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Skagit County is responsible for developing the plan and installing signage.

INITIATIVE #10 Construct seepage berms. Improve existing levee structural integrity to reduce the risk of flooding.

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: none

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As of 11/22

INITIATIVE # 1A Utilize the latest adopted state building code to insure adequate protection in construction against earthquakes in Seismic Zone D, Severe storms with Wind Exposure C, Fire with Fire Resistant Construction Standards, and Land Movement with Grading Standards.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 1B Utilize the latest adopted state fire code to insure adequate protection against Fire in construction with standards of Fire flow and through the annual Inspection of Commercial Structures.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 1C The Floodway, Special Flood Risk Zone, and the 100-year Flood Plan shall be regulated and flood mitigation activities implemented to protect human life, property, and the public health and safety of the citizens of Hamilton; minimize expenditures of public money, and to maintain the town's flood insurance eligibility while avoiding unnecessarily restrictive or administratively difficult regulations.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: working with USACE to raise and possibly broaden dike system

INITIATIVE # 1D Manage stormwater runoff to improve drainage, control stormwater quantity, prevent localized flooding of streets and private property during high water table and rainy conditions, and protect and enhance water quality.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 1E Identify and reserve the majority of Skagit River shoreline for open space and recreational uses due to the unique floodway and floodplain limitations imposed on shoreline uses, particularly with the dike system.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Master Shoreline Program will be adopted Nov 2022

INITIATIVE # 1F Utilizing Best Available Science to develop the Critical Areas title to protect, to the greatest extent practical, life, property, and the environment from loss, injury, and damage by pollution, erosion, flooding, landslides, strong ground motion, soil liquefaction, accelerated soil creep, settlement and subsidence, and other potential hazards, whether from natural causes or from human activity and related goals.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 1G Coordinate with Skagit County through arrangements such as interlocal agreements, joint programs, consistent standards, and regional boards or committees.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 1H Establish Urban Levels of Service Standards to ensure the protection of public health, safety, and welfare by meeting relevant standards.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: traffic study done May 2022 for Hwy 20 area

INITIATIVE # 2A Provide protection of steep slopes according to standards in the Critical Areas Ordinance.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: declined development proposal in 2020 that would have put homes in slope danger

INITIATIVE # 2B Regulations and policies shall reflect the existing dikes along the Skagit River until such time as the removal of hydro-modifications is deemed appropriate for Hamilton's long-term floodway management and open space habitat creation and restoration.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 2C Nonstructural solutions to flood hazards shall be encouraged including restricting new development and reducing existing development in flood-prone areas and stormwater runoff management.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 2D Ensure that standards for flood control measures protect and enhance the biological systems and public access opportunities of the shoreline and adjacent uplands.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 2E The Building Official will continue to maintain elevation certificates. Elevation certificates will be pursued for properties without one on record.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: 2022-updated 1 elevation certificate

INITIATIVE # 2F The Town staff will continue to provide technical advice to property owners, contractors and design professionals.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 2G Provide adequate emergency power to Fire Department. Update emergency radios to narrow band frequency.

Status: Completed

Timeline:

Priority:

Action Update: 2022-purchased 2 generators for fire department and new radios

INITIATIVE #2H Upgrade water system construction to latest seismic and wind standards.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 3A Protect and restore critical areas; plan for flood hazard mitigation, surface water management, and pollution control, establishment and maintenance of greenbelts and conservation areas and coordinate with adjoining jurisdictions.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 3B Provide habitat for wildlife species and freshwater fish in close proximity to an urban area.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

INITIATIVE # 3C To protect and restore the wetlands to optimize water quality, habitat, best management practices and ensure that adjacent land use patterns are compatible with the protection and enhancement of the wetlands and take advantage of the unique attributes of the site, allowing no net loss of wetlands, and removing obstructions to provide for the efficient conveyance of water through the city during flood events.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: coordinating with Skagit Fisheries Enhancement Group for culvert clearing

INITIATIVE # 3D To allow limited use of the Skagit River and its shoreline compatible with the Dike system and with regulatory constraints of the Floodway and Special Flood Risk Zone, including transportation, levee improvement, utilities, and outfall structures, public access and recreation, open space and agriculture, and similar uses. Review based on individual permits.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: 2021 - Ordinance preventing vehicles from driving on dikes

INITIATIVE # 3E Encourage the retention of open space and development of recreational opportunities, conserve fish and wildlife habitat, increase access to natural resource lands and water, and develop parks. Integrate the concepts with natural functions such as drainage, agriculture, and topographic features.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 4A Develop and maintain an emergency plan that includes flood warning, earthquake response, and evacuation program for the Town.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 4B The transportation planning goals and level of service are designed to ensure the continued ability of the transportation system to function at a reasonable level of service throughout the urban service area and coordinate the links to the regional transportation system. Critical for evacuation

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: traffic study done May 2022 for Hwy 20 area

INITIATIVE # 4C Maintain Fire, Water Treatment Critical Facilities up to date with the most current technology and standards to ensure operation during hazard events

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: purchased generators and radios for fire department, replaced well pump

INITIATIVE # 5A Structural Measures – Maintain existing dike system

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: 2022-removed vegetation, added gravel and armoring; working with USACE

INITIATIVE # 5B Relocate the town out of the floodway and north across State Route 20; acquire and transfer development rights from floodway properties.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update:

INITIATIVE # 5C Six-year list of capital projects including specific actions targeted towards natural hazard mitigation.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: on work plan for 2023

INITIATIVE # 5D Upgrade and maintain all community owned critical facilities, including Fire Station and Water System.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: purchased generators and radios for fire department, replaced well pump

INITIATIVE # 6A Provide ongoing public education and outreach using electronic and printed materials and meetings regarding town relocation activities, residential, commercial, and industrial best management practice issues, flood hazard mitigation, water quality, and related local issues.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: monthly newsletters with water bills, posted on Town website

INITIATIVE # 6B Make flood map determinations in response to public inquiries.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: as needed

INITIATIVE # 6C Expand the Public Information program to address other natural hazards where additional public information will be helpful, such as seismic retrofits for homes, and other topics. Hazards identified through Multi-Jurisdictional Planning process.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update:

Proposed INITIATIVE:

Status:

Timeline:

Priority:

Action Update:

City of **MOUNT VERNON** *Washington*



Mt Vernon

AS OF 11/22

INITIATIVE # 1: *Provide for an increased level of safety to the citizens of Mount Vernon.*

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Work has begun on station renovations that will increase capacity for emergency equipment and personnel into the future. A new ladder truck has been ordered, this will ensure reliable emergency equipment for response purposes. Planning continues for a new fire station in the downtown area that can house emergency equipment needed for the area. Training of personnel to raise their level of expertise in areas of medical, fire and rescue continues. A fire prevention specialist has been hired to do community safety outreach.

INITIATIVE # 2: *Excavate a portion of the Edgewater Landfill to provide increased flow capacity.*

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: Work is a continual effort to excavate needed areas to maintain flow capacity.

INITIATIVE # 3: *Increase capacity of the Kulshan Pump Station.*

Status: No Progress Currently

Timeline: Short-term

Priority: Medium

Action Update: No action update

INITIATIVE #4: *Provide for an increased level of protection for private property within the city limits.*

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Actions continue focused on the downtown flood wall and how it connects over the railroad tracks on Freeway drive. New equipment was purchased to handle flooding events.

INITIATIVE #5: *As needed raise existing roads and sanitary pump stations above 100-year flood elevation*

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Work was done on Hoag road to improve the culvert and avoid flooding over the road.

Action Update: Regular work is done on the pumps to make sure they are operational and that a long term replacement plan is in place.

Skagit
PUD

SKAGIT PUBLIC UTILITY DISTRICT

Skagit PUD

AS OF 11/22

INITIATIVE #1: improve emergency survivability for water treatment plant staff in event of chlorine release

Status: Completed

Timeline: Short-term

Priority: Medium

Obtained, trained plant staff of use of emergency escape breathing devices. Updated chlorine release SOP's to reflect escape and reporting rather than staying on site and trying to

Action Update: mechanically fix a chlorine leak.

INITIATIVE #2: improve the community notification process using a reverse 911 service such as CodeRed for - specific emergencies, possibly in concert with Skagit County 911 Center.

Status: Completed

Timeline: Long-term

Priority: High

Participating and using CodeRed using shape files, map profiling for affected citizens in

Action Update: conjunction with Skagit County 911 Center. Have practiced use 3 times since 2020.

INITIATIVE #3: conduct risk and resiliency assessment; update and strengthen and consolidate all Skagit PUD emergency response plans in response to new EPA rules in concert with the City of Anacortes.

Status: Completed

Timeline: Short-term

Priority: High

Completed RRA in 2021. Wasn't able to include Anacortes because of their internal staffing

Action Update: shortages. Using RRA to drive resilience projects.

INITIATIVE #4: assess the ability to incorporate earthquake resiliency engineering (specialized shut-off valves, flexible fittings, etc.) into water distribution infrastructure built near or across known fault lines.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Completed system analysis in 2022 to improve maintenance access and increase seismic resilience of reservoirs. We anticipate a design for first reservoir in 2023 and build in 2024

Action Update: with accelerated repeat of this cycle for roughly 29 reservoirs in Skagit County.

INITIATIVE #5: Outfit Division Street facility as a temporary EOC

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Our IT staff has updated the communications and computing equipment at the Division Street facility to accommodate EOC, if needed. However, the site needs assured uninterruptable

Action Update: power to be an effective EOC. We have to table this goal until more funds become available.

INITIATIVE #6: outfit water treatment plant with an emergency generator that is capable of more securely powering the plant when power is lost during localized and widespread emergency situations, with some consideration for system capacity growth and process innovation.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

We have a capital improvement project slated for 2025/26 that will vastly improve the emergency power generation at our plant and the length of time it can operate on emergency

Action Update: power.

INITIATIVE #7: investigate and assess the treatment process and the water treatment plant facility to determine if the current facility and process need to be strengthened or replaced - with the elimination of the use of chlorine gas and structural improvements as possible goals.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

This assessment was completed by Carolo (consultant) in 2020/21 and determined that the chlorine gas treatment is currently still our best option. However, this assessment is due to be

Action Update: repeated in 2026.

INITIATIVE #8: Investigate the possible elimination of the wet chlorine gas scrubber and replacement with the existing dry caustic scrubber from the City of Anacortes replace it.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

We have decommissioned the wet scrubber and are in the process of installing a dry

Action Update: scrubber. Expected completion in spring 2023.



Sedro-Woolley

AS OF 11/22

INITIATIVE #1: Determine necessity to retrofit City-owned facilities to better withstand damage from flood, wildfire, or earthquake events. Once need is determined, implement tax levy and seek grant funding to retrofit structures.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Mitigation funding was received from FEMA for purchasing bleachers with wheels for ballparks that can be relocated during flooding events. There has also been discussion about the potential for a dike to be placed at the new wastewater treatment plant to protect from flooding events.

INITIATIVE #2: Relocate Public Works Shops and Offices.

Status: No Progress Currently

Timeline: Long-term

Priority: Low

Action Update: Relocating public works buildings is unlikely because of recent updates to facilities. As buildings are located within the 100-year floodplain, updates included designs for building floors to be elevated above flood levels.

INITIATIVE #3: Produce and distribute family and traveler emergency preparedness information about severe winter weather and earthquake hazards.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: When events are anticipated or declared, the city provides public notice and emergency preparedness information via our website, social media (City Hall and City of Sedro-Woolley Police Dept. Facebook pages) and via the Skagit Valley Herald Newspaper.

INITIATIVE #4: Assist Vulnerable Populations by identifying areas of greater need and seeking grant funding for necessary preparedness and improvement programs.

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: As part of the Title 6 Action Plan, care is taken to provide information regarding emergency preparedness and improvement programs to Limited English Proficiency (LEP) and disabled persons. Spanish interpretation is available via the city website and the City Hall and City of Sedro-Woolley Police Dept. Facebook pages.

INITIATIVE #5: Map and Assess Vulnerability to Wildfire, seek FEMA or State technical assistance

Status: No Progres Currently

Timeline: Long-term

Priority: High

Action Update: Need to defer to Skagit County Fire Marshall.

INITIATIVE #6: Construct a ring dike around the hospital as part of a settlement with Dike District 12

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

Action Update: Working with engineer on dike design.

INITIATIVE #7: Develop and implement a multi-hazard public awareness program

Status: No Progres Currently

Timeline: Long-term

Priority: High

Action Update: The city still currently works with Skagit County and their public outreach programs to ensure public awareness.

Proposed INITIATIVE: Update the Implementation of Policy section of the Title 6 Action Plan to include

Status: No Progres Currently

Timeline: Long-term

Priority: Medium

Action Update: Staff have discussed the need for training opportunities regarding Title 6 of the Civil Rights Act and the prohibition of discrimination under any program/activity receiving Federal financial assistance.

Public review notice: The contents of this report are public knowledge and have been prepared for total public disclosure. Copies of the report will be available to the governing boards of all planning partners and to local media outlets and the report is posted on the Skagit County hazard mitigation plan website.



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AS OF 11/22

INITIATIVE #1 Shelter in Place Establishment-Gathering Facility

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: The Tribe has started working on master planning for all future developments.

INITIATIVE #2 King Tides/storm surge-Snee-Oosh Beach

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: The Tribe has worked on various habitat restoration that includes protection from storm surge.

INITIATIVE #3 Climate Resiliency-Sea Level Rise-Zoning and Future Development

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: The Tribe is in preliminary stages of addressing the need for rezoning and future development.

INITIATIVE #4 Code Update-Climate Resiliency-2018 IBC IRC, Fire Ready

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Due to the pandemic and staffing shortages, no significant progress has been made.

INITIATIVE #5 Pioneer Parkway-Rainbow Bridge

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: Due to the pandemic and staffing shortages, no significant progress has been made.

INITIATIVE #6 COOP Development

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Low

Action Update: The Tribe is in preliminary stages of development of policy updates and creation.

INITIATIVE #7 Long-term Climate Resiliency Planning and Policy

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: Medium

Action Update: The Tribe is finishing work on updating their climate resiliency policies.

INITIATIVE #8 Infrastructure Improvement/Replacement

Status: Continual /Ongoing Nature

Timeline: Long-term

Priority: High

Action Update: The Tribe has been working with outside agencies to address deficiencies and identify funding opportunities.

INITIATIVE #9 Community Wildfire Protection Plan

Status: Continual /Ongoing Nature

Timeline: Short-term

Priority: Low

Action Update: The Tribe continues to work on development of a community wildfire protection plan.

Proposed INITIATIVE:

Status:

Timeline:

Priority:

Action Update:

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