

Sea Level Rise Adaptation Master Plan (Sample)

SLRAMP Main Areas of Action:

- **Drainage Improvements**
 - Back Flow Preventers in all Outfalls with service areas less than 3.7 FT Elevation
 - Pump Stations required for areas drained by gravity wells with elevations less than 3.7FT
 - Backflow preventers in gravity wells
 - Swales and Green spaces to be restored as streets are elevated

- **Structure Elevations Rise**
 - Street Elevations increased above 4.0 ft.
 - to a minimum of 6-inches every 15 years in low areas as required
 - Street elevation limited by adjacent houses floor elevation
 - Sidewalk Elevation above flooding elevation as determined
 - Seawall Elevation to be increased to minimum of 5.0 FT
 - House floor Elevation Certification minimum 10 FT + 2 FT
 - Garage floor elevation Certification to minimum 7 FT
 - Utilities Elevation as required

- **Beach Erosion Control**

- **Monitoring Program**
 - On line level measurements including tide
 - Rain Gage (South of Village)
 - Manual level and salinity monitoring program

Plan Schedule: SLR Adaptation Plan to 2030

- Prepare a SLR Adaptation Master Plan
- Installation of Back Flow Preventers (BFP) by February 2017
- SLR Community Forum Nov. 10 2016 (Done)
- Drainage improvements Workshop 2017
- Complete installation of level monitoring devices by May 2017
- Evaluate low drainage areas that may require pump stations Plan by May 2017
- Backflow preventers in gravity wells by 2025
- Set up improvement priorities based on remaining finance capabilities 2017
 - Existing Pump Station (PS) Improvements
 - Deepening shallow gravity wells to 100 ft
 - Lining all metal pipes
 - Install new PS to wells in K-8 Area
- Pursue additional funding for structure elevations of roads and sidewalks 2016-2018
- Pursue additional funding for drainage improvements
- Prepare VKB SLR Adaptation Master Plan for Council Approval by 2017
- Beach Erosion Control Plan implementation.