

# Gulf of the Farallones National Marine Sanctuary

## Marine Debris Monitoring and Assessment Pilot Project



# WHAT?



- This is a pilot project of NOAA's Office of Response and Restoration under the Marine Debris Program
- The pilot project will conduct surveys with newly designed and standardized protocol
- Part of a larger effort to mitigate ocean sourced debris



# WHY?

To have cleaner beaches!



# HOW?



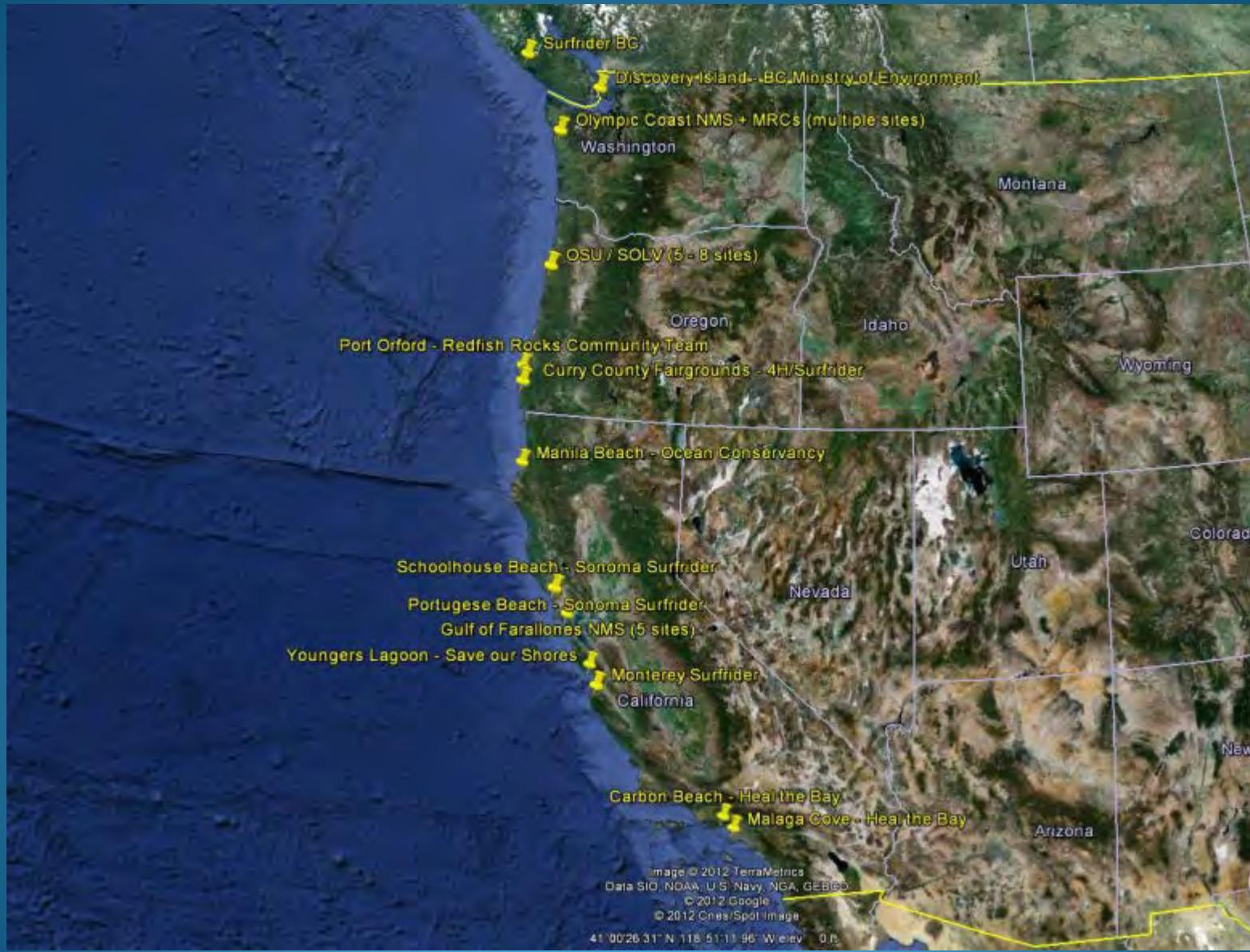
- Establish a long-term year-round marine debris monitoring program and to inform beach managers
- Site-specific baseline information about debris deposition rates and seasonal trends to determine when to focus our efforts
- Site-comparison for evaluating the scope of the marine debris pollution problem along our coastline
- Inform future regional and national policy for controlling and mitigating marine debris

# METHODS

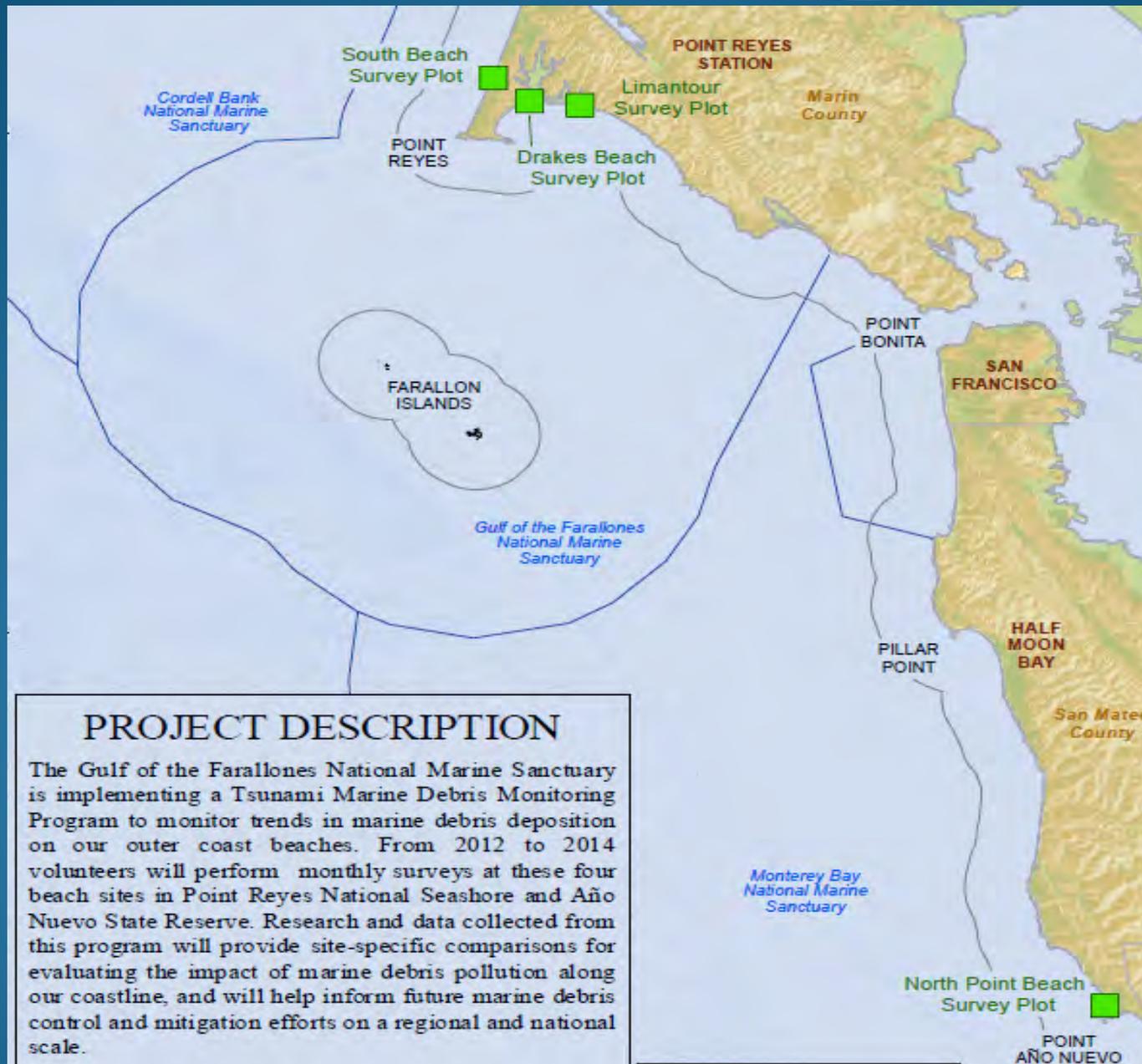
- Monthly standing stock surveys at four beaches
- Teams of two will survey their 100m long plot and record the presence of marine debris ( $\geq 2.5\text{cm}$ )
- Data will be submitted monthly by volunteers and sent biannually to NOAA headquarters



# West Coast Partners and Monitoring Sites



# Program Scope and Plot Locations

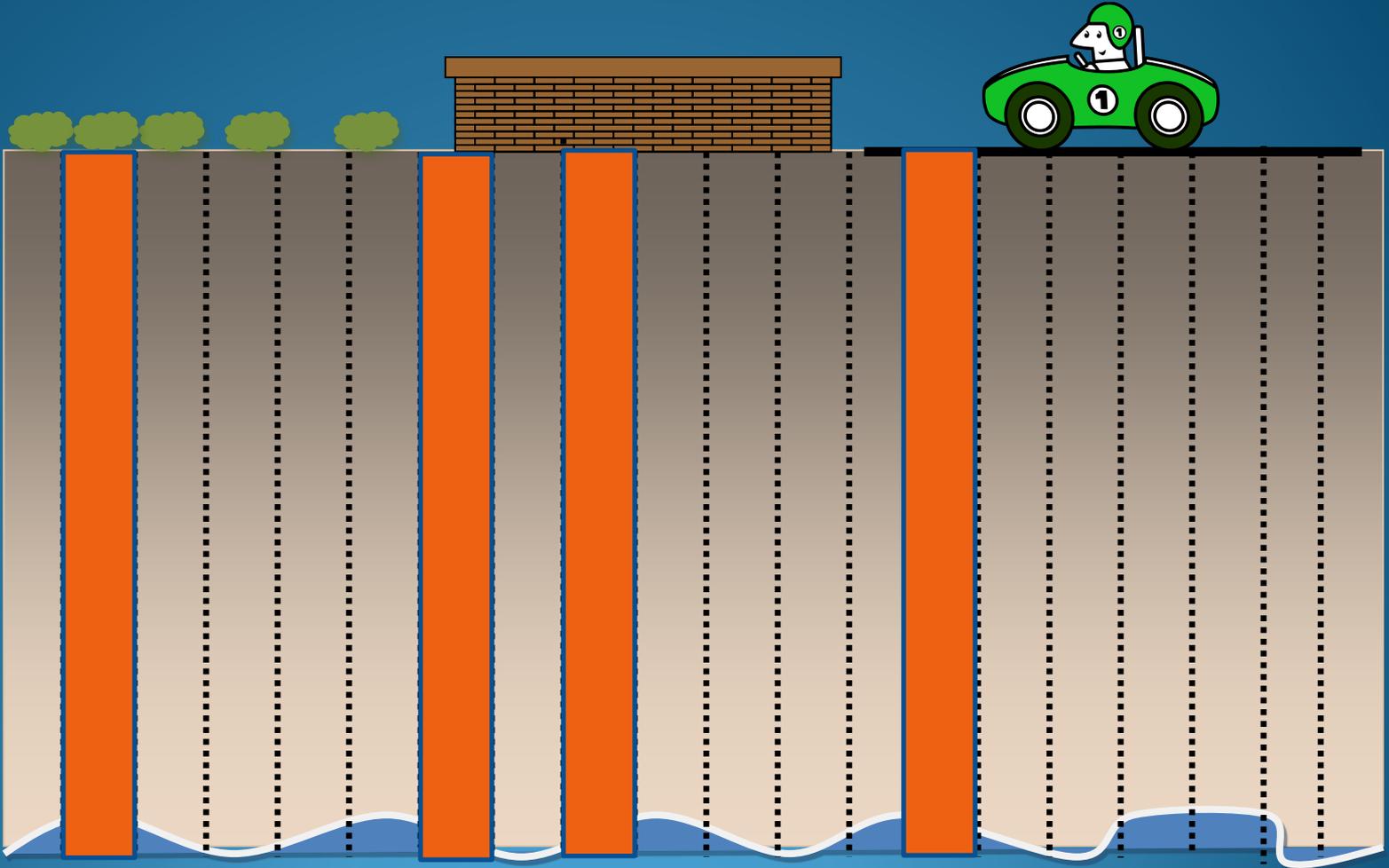


## PROJECT DESCRIPTION

The Gulf of the Farallones National Marine Sanctuary is implementing a Tsunami Marine Debris Monitoring Program to monitor trends in marine debris deposition on our outer coast beaches. From 2012 to 2014 volunteers will perform monthly surveys at these four beach sites in Point Reyes National Seashore and Año Nuevo State Reserve. Research and data collected from this program will provide site-specific comparisons for evaluating the impact of marine debris pollution along our coastline, and will help inform future marine debris control and mitigation efforts on a regional and national scale.

# The Plot....

Back of  
shoreline

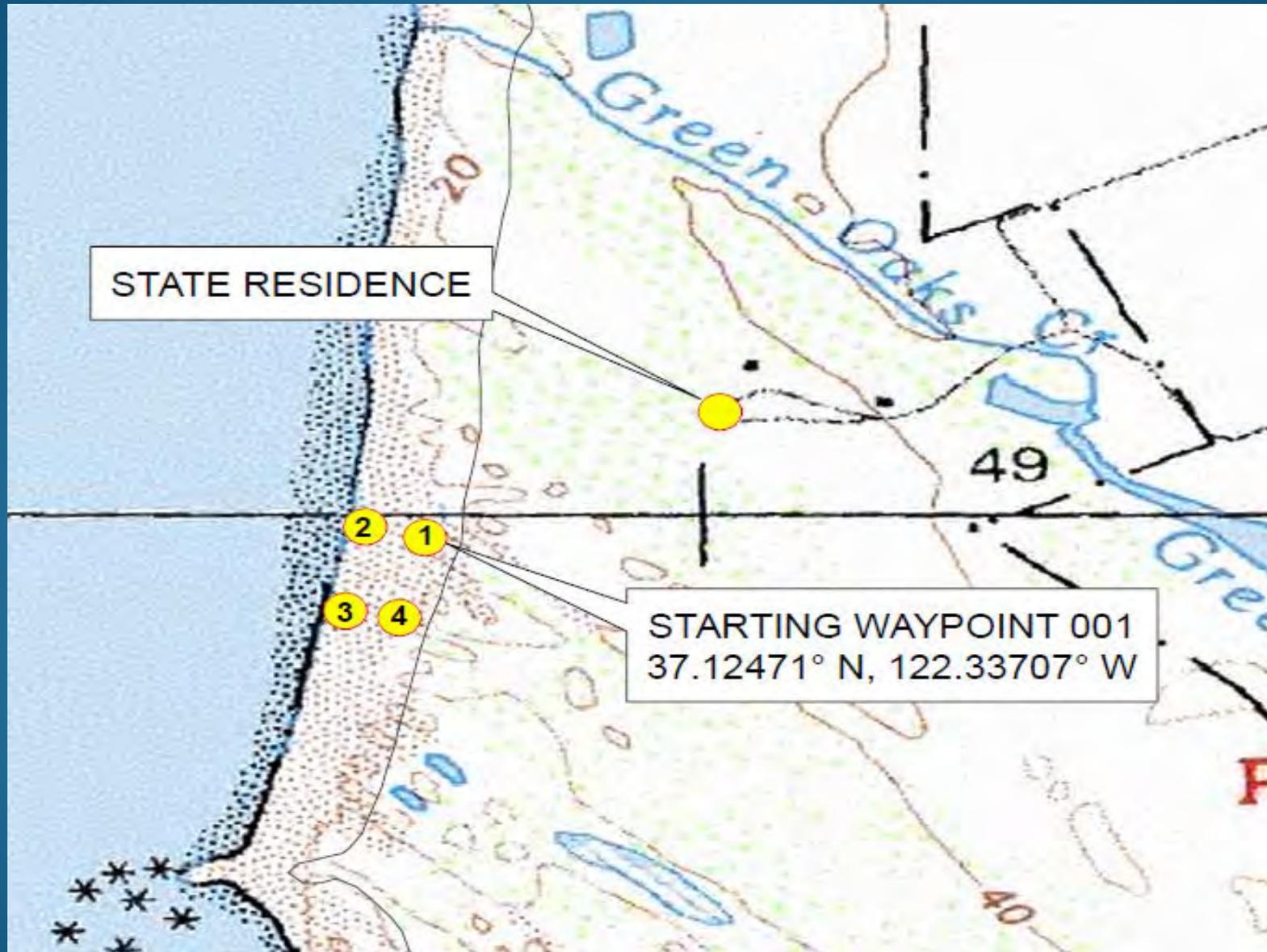


Varying  
Width

Waters edge  
at low tide

100m length

# Plot at North Point beach Año Nuevo State Reserve





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