Phase I Recap

- Boundary Survey of Sunset Landing Parcel
- Topographic Survey with 2-foot contours
- Vernal Pool Survey
- Wetland Delineation & Soils Analysis
- Survey of Potential Archaeological Sites
- Coastal Communities Grant
Phase II Introduction

- Coastal Communities Grant
- Bathymetric Survey
- Eel Grass Survey
- Wind & Wave Analysis
- Phase I/II Archaeology
- Composite Base Map
Costal Communities Grant

- Administered by Maine Department of Agriculture, Conservation & Forestry – Maine Coastal Program

- Provided $20,000 to complete phase 2 work with a required Town contribution of $8,000

- Phase 2 scope was developed around the $28,000 budget
Bathymetric Survey
Eel Grass Survey
Eel Grass Survey

- Maine DEP and US Army Corps of Engineers requires Avoidance and Minimization of Eel Grass Bed Impacts
- Impacts greater than 500 SF generally require Compensation
- Consultation with Maine DEP and US Army Corps of Engineers required for any direct impacts or secondary impacts
Wind & Wave Characteristic Analysis

- Typical Waves of 1’ to 3’ originate from south and northwest winds
- Waves of 5’ to 7’ are expected under severe weather conditions
- Most beneficial when compared with other sites
- Concerns with ice
Shell Middens

- One Shell Midden found - historic period origin
- Attributed to mid-twentieth century foot traffic
- No further investigation recommended
Cellar Hole 1

- The Phase 1 survey identified 3 cellar holes
- Cellar Hole 1 MHPC site ME 110-006
- Located in the center of the property
- 314 Artifacts recovered
Cellar Hole 2

- A series of surficial stones in square formation
- Located 2m east of CH-1 – likely an outbuilding
- 141 Artifacts recovered
Cellar Hole 3

- Located 50m southeast of CH-1
- Slight depression (5m dia) and series of intermittent stones in square pattern
- Two boulders may have marked access road
- 96 artifacts recovered
Hand Dug Well

Photo 20. Northwest view of the hand dug well located along the southern property boundary.

Photo 21. View of the northeast corner of the hand dug well located along the southern property boundary.
Summary of Archaeology

- Artifact collection suggests occupation range 1840-1920
- Older artifacts recovered were likely retained or handed down
- Date range of artifacts aligns well with historic background search
- Site disturbance should be limited within 50 feet around Cellar Holes until a Phase 2 survey can be completed
- Artifacts will be curated, catalogued and returned to the Town
Development of Composite Map
Site Development Considerations

- Access to Property over Elizabeth Road
- Shoreland Zoning & Municipal Review
- Septic System Design
- Domestic Water Needs
- Electric, Telephone & Data from North Street
- Local, State and Federal Permits
- Community Needs
- Abutter Concerns