



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
National Ocean Service  
Silver Spring, Maryland 20910

## **TIDE NOTE FOR HYDROGRAPHIC SURVEY**

**DATE :** October 7, 2009

**HYDROGRAPHIC BRANCH:** Pacific  
**HYDROGRAPHIC PROJECT:** OPR-P357-RA-FA-2009  
**HYDROGRAPHIC SHEET:** H12146

**LOCALITY:** Vicinity of Bluff Point, Kachemak Bay, AK  
**TIME PERIOD:** September 4 - 8, 2009

**TIDE STATION USED:** 945-5500 Seldovia, AK  
Lat. 59° 26.4' N Long. 151° 43.2' W

**PLANE OF REFERENCE (MEAN LOWER LOW WATER):** 0.000 meters  
**HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE:** 5.252 meters

### **REMARKS: RECOMMENDED ZONING**

Preliminary zoning is accepted as the final zoning for project OPR-P357-RA-FA-2009, H12146, during the time period between September 4 and September 8, 2009.

Please use the zoning file "P357FARA2009CORP" submitted with the project instructions for OPR-P357-FA/RA-2009. Zones CIC75, CIC76, & CIC77 are the applicable zones for H12146.

**Refer to attachments for zoning information.**

**Note 1:** Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).

**Peter J. Stone**

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CHIEF, OCEANOGRAPHIC DIVISION

