Objective 1: Protect park and refuge wetlands from continued erosion of coastal bluff.

**Job/Activity 1a:** Obtain engineering report with recommendation on halting erosion and stabilizing bluff.

*Accomplishments:* A draft engineering assessment prepared by a local engineering firm was reviewed, edited and finalized during this period. The report assessed existing conditions at the site, reviewed historic aerial imagery, researched historic files, and interviewed individuals with knowledge of the site. Based on this information and our review, they finalized the report and made recommendations on bluff stabilization and erosion control options.

**Job/Activity 1b:** Conduct engineering assessment of pond at bluff top and determine whether it (or other factors) contribute to bluff erosion.

*Accomplishments:* We contracted with a local engineering firm who assessed existing conditions at the site, reviewed historic aerial imagery, researched historic files, and interviewed individuals with knowledge of the site. Based on this information and our review of a draft report, they finalized the document which included an assessment of the pond’s contribution to bluff destabilization and erosion (it was determined to have no direct impact).

**Job/Activity 1c:** Implement engineering recommendations to halt bluff erosion.

*Accomplishments:* No bluff erosion/stabilization efforts were conducted during this period.

Objective 2: Restore park and refuge wetlands by removing foreign debris.
Job/Activity 2a: Conduct an engineering assessment of remaining debris and determine which debris can be removed without creating additional erosion problems.

Accomplishments: We contracted with a local engineering firm who assessed existing conditions at the site, reviewed historic aerial imagery, researched historic files, and interviewed individuals with knowledge of the site. Based on this information and our review of the draft report, a final document was produced which identifies which debris could be removed without destabilizing the bluff.

Job/Activity 2b: Implement engineering recommendations to remove debris.

Accomplishments: No debris was removed from the site during this period.

Objective 3: Protect park and refuge by preventing future dumping.

Job/Activity 3a: Complete construction of barrier at bluff top to prevent future dumping.

Accomplishments: There was no action conducted on this activity during this period.

Job/Activity 3b: Install other structures or take other measures to prevent future dumping (e.g. – installation of bollards, installation/repair of gates, installation of signs, etc).

Accomplishments: There was no action conducted on this activity during this period.

Objective 4: Determine additional hazards posed by dump site.

Job/Activity 4a: Review historic documents to determine whether hazardous materials were dumped at the site (or if other issues of concern exist that would influence management of the site); and if so, provide a recommendation on how to manage the site.

Accomplishments: We contracted with a local engineering firm who assessed existing conditions at the site, reviewed historic aerial imagery, researched historic files, and interviewed individuals with knowledge of the site. Based on this information and our review of the draft document, a final report was submitted including an assessment of the likelihood of hazardous materials existing at this site. The findings indicated there is little likelihood of hazardous materials at the site.

II. PUBLICATIONS:


Prepared by: Joe Meehan

Date: November 13, 2013