

**Indian Environmental General Assistance Program**

**Tribe:** Native Village of Chignik  
**Region:** Region 10  
**Work Plan Period Begin:** 10/1/2023  
**Work Plan Period End:** 9/30/2024

**Work Plan Component Number:** 4  
**Work Plan Component Title:** Solid and Hazardous Waste and Marine Debris Collection  
**Personnel:** Environmental Coordinator (EC), Environmental Assistant (EA), City Clerk (CC), Landfill Volunteer Operator (LVO), temporary hires (TH)  
**ETEP Priority Supported:** 2 (Solid and Hazardous Waste Management/Marine Debris)

**Long-Term Outcome (s) (Changes in the Environment, Public Health, Behavior or Knowledge):**

- Improved landfill operations and maintenance that comply with Class III landfill requirements and DEC on-site inspections.
- Removal of marine debris on ongoing basis and solutions for effectively implementing over time.
- Implement recommendations in Green Star report (staff scheduled to conduct assessment in June 2023).

**Intermediate Outcome (s) (this work plan period):**

- Derelict gear grounded on beaches and accessible by ATVs with trailers collected by temporary hires.
- Seine boat contracted to retrieve derelict gear that has floated into the bay and along shoreline that is not accessible by ATVs with trailers.
- Research on using drone to document marine debris and EPA requirements to implement.
- Collaborate with AFE Green Star Program on additional solid waste management measures the tribe and city can take and associated costs based on their June 2023 site visit.
- Backhaul of recyclable solid waste collected during FY2024 shipped to designated vendors.
- Plan developed to move stainless steel tank on abandoned marine barge to uplands to store recyclables for future backhaul.
- Posters prepared with City of Chignik to educate community members about proper separation of solid waste for disposal at the landfill and recently acquired Summit Burn Box.

**Estimated Cost:** \$31,250

**Estimated Work Years:** 0 .25

COMMITMENTS		END DATE	OUTPUTS AND DELIVERABLES
4.1	EC will coordinate with City of Chignik clerk and landfill volunteer operator to hire temporary workers to collect derelict gear on beaches that are accessible by ATVs with trailers. EC will also contract a seine boat to retrieve derelict gear that has floated into the bay and along shoreline that is not accessible by ATVs with trailers.	9/30/2024	<ul style="list-style-type: none"> <li>• Derelict gear (old seine nets, old crab pots and other fishing gear) collected and stored in designated upland location or landfill for future backhaul purposes.</li> <li>• Article with photos included in annual newsletter distributed to residents.</li> <li>• Progress and challenges encountered summarized in quarterly reports to EPA Project Officer.</li> </ul>
4.2	Explore advantages of using a drone to effectively track marine debris as this issue will necessitate continued monitoring.	9/30/2024	<ul style="list-style-type: none"> <li>• Requirements such as QAPP determined.</li> <li>• Drone suitable for monitoring marine debris evaluated including cost.</li> <li>• Other requirements such as drone pilot certification identified.</li> <li>• Residents in our community that would be potential candidates for getting certified.</li> <li>• Progress summarized in quarterly reports to EPA Project Officer.</li> </ul>
4.3	EC and City of Chignik will collaborate with AFE Green Star Program staff to develop cost-effective plan to move stainless steel tank on abandoned barge to designated upland location.	2/28/2024	<ul style="list-style-type: none"> <li>• Safe options for removing stainless steel tank on abandoned barge and approximate costs determined.</li> <li>• Potential funding sources such as the 2024 ANTHC Solid Waste &amp; Resilience grant evaluated for steel tank relocation and other recommendations in Green Star report.</li> <li>• Progress summarized in quarterly reports to EPA Project Officer.</li> </ul>
4.4	EC will contact BBNA Brownfield Coordinator on conducting a targeted brownfield assessment of the abandoned barge, which is the length of a football field and slowly sinking. EC will also maintain contact with DNR Abandoned and Derelict Vessel (ADV) Program in the event they	9/30/2024	<ul style="list-style-type: none"> <li>• Phase 1 Brownfield assessment on abandoned barge completed.</li> </ul>

	successfully secure future NOAA Marine Debris funding to assist communities with remediation or removal of marine debris.		<ul style="list-style-type: none"> <li>• Requirements for Phase II brownfield assessment and applicability to abandoned barge determined with assistance from BBNA.</li> <li>• Communication with DNR ADV Program maintained.</li> <li>• Progress and challenges encountered noted in quarterly progress report to EPA Project Officer.</li> </ul>
4.5	EC will collaborate with City of Chignik staff to prepare poster to educate community members about proper separation of solid waste for disposal at the landfill and recently acquired Summit Burn Box.	9/30/2024	<ul style="list-style-type: none"> <li>• Posters distributed at appropriate locations in the community and article included in the annual newsletter.</li> <li>• Progress summarized in quarterly progress report to EPA and poster included as attachment.</li> </ul>
4.6	EC will collaborate with City of Chignik staff to separate recyclable solid waste for backhaul.	9/30/2024	<ul style="list-style-type: none"> <li>• Backhaul of recyclable solid waste collected during FY2024 shipped to designated vendor(s).</li> </ul>