



Microplastics Beach Clean Up

Project Number 04.02.02.0012
Action Priority Utilize Innovative Technology
Implementers League to Save Lake Tahoe, ECO-CLEAN Solutions
Supporting Agencies League to Save Lake Tahoe, North Tahoe Community Alliance
Primary Contact Laura Patten (Laura@keoptahoeblue.org)

Stage Implementation **Duration** 2021 - 2026
Total Project Cost \$1,000,000 **Funding Request** \$320,000

Stewardship Program > Utilize Innovative Technology

The ECO-CLEAN Bot is an all-electric, solar + battery powered beach sifting robot that sifts and cleans beaches without causing harmful degradation to the native flora and fauna. ECO-CLEAN BOT has the ability to clean over 3,000 sq/meters of beach per hour without emitting any fossil fuels. We feel this tool will remarkably change the way local agencies, jurisdictions, resorts and private residences clean their beaches. Removal of harmful macro plastics and debris is critical to preserving our natural wonders. ECO-CLEAN SOLUTIONS is proud to announce the deployment of the BEBOT Beach Cleaner in Lake Tahoe Summer 2022.

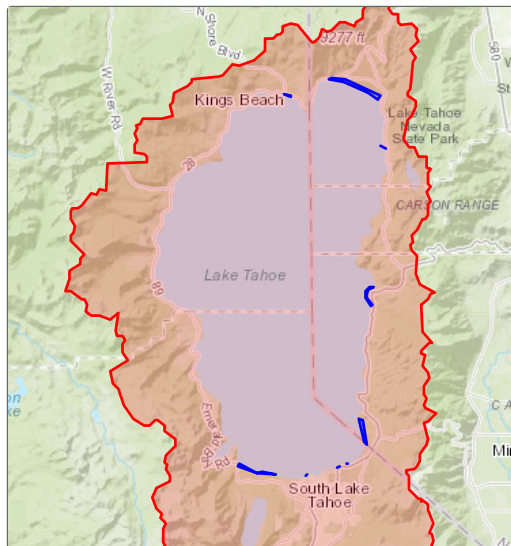
Targeted Performance Measures

- Facilities Improved or Created

Threshold Categories

- Scenic Resources
- Wildlife

Location



Results photo - Lake Tahoe Summit - Sand Harbor

Targeted Funding

- Secured Funding: League to Save Lake Tahoe (League), \$270,000
- Secured Funding: North Tahoe Community Allianc... (NTCA), \$345,000
- Targeted Funding: City of South Lake Tahoe Gene... (CSLT), \$70,000
- Targeted Funding: League to Save Lake Tahoe (League), \$200,000
- Targeted Funding: Nevada State Parks (NV State Parks), \$50,000
- No Funding Source Identified

Photos

During



Public engagement featuring the BEBOT



BEBOT - On location at Nevada Beach

After



Results photo - Camp Richardson Resort



Connolley Beach Cleanup - 2023