

DATE: October 28, 2022
TO: IPM Commission Members
FROM: Jim Chayka, IPM Coordinator
Re: 2022 Third Quarter Exemptions and Violations Summary

MESSAGE:

Exemptions

Location of Use: Hal Brown Park Marsh

Reason why Restricted: This product is not currently on our allowed products list.

Reason for Need: Since 2003, Friends of Corte Madera Creek Watershed has received funding from the California State Coastal Conservancy's Invasive Spartina Project (ISP) to work toward eliminating three species of invasive, non-native cordgrasses (*Spartina* spp.) and their hybrids found in this estuary. These destructive plants alter both the structure and function of tidal mudflats, creeks and marshes, harming native bird, mammal, and fish species. Invasive cordgrasses also clog open channels, increasing flood risk.

Options/Alternatives: The ISP has researched and developed an eradication strategy that uses non-chemical treatment whenever possible. However, because two of the invasive cordgrasses and the hybrids spread by both seeds and underground rhizomes, and digging can spread these plants further, some herbicide was used. Early treatment at Creekside marsh included digging, moving, and herbicide. Because of this careful work, in 2019 the project was able to use just 9 ounces of imazapyr to treat the remaining plants that spread by rhizomes, and 99% of these invasive plants have been removed from the marsh. A small amount of herbicide is being used in the summer of 2020 in order to ensure that the remaining 1% of these plants are unable to re-infest this area. See the map for areas that will be treated. The ISP has carefully documented the project, including the staff's thorough analysis of the various treatment methods; the documentation is available on ISP's website at www.spartina.org.

Plan to Preclude Future Use: Eliminating this population will prevent the infestation from growing and requiring more intense treatments.

Requests for accommodations may be made by calling (415) 473-4381, TTY (415) 473-2495, CRS dial 711, email at disabilityaccess@marincounty.org at least five work days in advance. Copies of documents are available in alternative formats, upon request.

Violations:

There were **no violations** of Marin County IPM Policy in the third quarter of 2022.