

Pesticide Use Justification Form – Round Up for Problematic Weed Species

Applicant Information:

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Community Development and Sustainability
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Pesticide:

Proposed Dates of Use: As weather conditions and operational factors permit from January 1 – December 31, 2024.

Products (with active ingredients): RoundUp Custom (Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt 53.8%), MSO
Surfactant: Methylated vegetable oil, alcohol ethoxylate, phosphatidylcholine 100%

EPA Reg #: 524-343; N/A

Pesticide Type: Herbicide

City Use Type: Tier 1 hazard ranking- most restrictive

Use Location:

Street Address/Site Name: North Davis Uplands, South Fork Preserve, Mace Ranch Park Passive Recreation Area, Woodbridge Natural Area, Willowbank Areas 9&10, Howat Ranch, Wildhorse Ag Buffer, Cannery Hedgerow, North Davis Channel “A”, 1818 facility

Detailed Location of Application Site: Throughout managed areas.

Posting and Notification: Site notifications will be posted at least 48 hours before application at site entrances and 24 hours after. Changing weather conditions and operational factors may delay the application. If so, the notice will be re-posted with new proposed dates.

Justification:


Target Pests: Pepper weed, Invasive ryegrass, Arundo, Tamarisk, Himalayan Blackberry, Annual grasses


Justification for Use: This herbicide use is justified because this list of species cannot reliably be controlled with other methods or chemicals. Some weeds are not able to be managed by hand or mechanically due to their growth characteristics or proximity to

desirable plants. Mowing or string trimming are not reliable ways to manage the vegetation in these specific areas because they leave the plants and actually promote new growth on grasses. Other species have large roots and reproduce vegetatively, meaning that digging or cultivating can actually spread the problem. Targeted and well-timed applications of Round Up are the most effective way to control these highly noxious species

Explanation of IPM Methods Used: This proposed application is part of our overall integrated pest management of the sites. We currently employ almost exclusively non-chemical control measures at the majority of our Open Space sites including mowing, trimming, hoeing, hand pulling and solarization. We found out last year solarization is not an effective method to control vegetation on the paths because the gravel interferes with the process of heating the soil.

Strategies to Prevent Future Applications: The primary strategy to prevent future herbicide applications is to manage the emerging vegetation with herbicide, thus preventing seed-set and future infestation of the areas. This will be hard to do with these species and thus require at least one herbicide application each year.

 Environmental Resource Division Approval	1/26/24 Date
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 City Manager Approval	1/29/2024 Date
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