

# Weed Control Alternative Pilot Project Public Meeting

## AGENDA

1. Introductions and Housekeeping
2. Presentation on Progress of Pilot Project
3. Questions and Comments



County of San Diego

# Weed Control Alternative Pilot Project

# Background

- The County of San Diego implemented Board Policy F-45 in 1992 directing staff to develop a pesticide reduction policy.
- On February 26, 2020, Board of Supervisors directed staff to amend the Board Policy F-45 the County's Integrated Pest Management Program. (Board Initiated)
- Proposed to prohibit glyphosate use on County owned, maintained and leased properties and explore glyphosate alternatives.
- Fiscal impacts and efficacy of potential herbicide alternatives were explored
- On August 5, 2020, AWM returned to the Board with 3 options and presented the Weed Control Alternative Pilot Project as one of the options.

# Weed Management in SD County



AIRPORTS

FLOOD SITES



Non-Landscaped  
County  
Property:  
PARKS



ROADSIDES





# Identifying Potential Alternatives

Trade Name	Active Ingredient
Weed Slayer	Eugenol
Suppress	Caprylic Acid & Capric Acid
AXXE Herbicide	Ammonium Nonanoate
Whack Out Weeds by EcoMight	Peppermint Oil
Weed Zap	Clove Oil & Cinnamon Oil
Fireworxx Herbicide	Caprylic Acid & Capric Acid
HomePlate	Caprylic Acid & Capric Acid
Avenger Weed Killer	d-limonene
Cheetah Pro	Glufosinate Ammonium
Lifeline	Glufosinate Ammonium



# Criteria for Selecting Herbicides for the Pilot Project



## Best Practice Research

- Stakeholder Input
- Benchmarking

Pesticide Company	
Pesticide Brand Name	
Active Ingredients:	60%
	20%
	4%
	6%
Other Ingredients:	10%
Total	100%
KEEP OUT OF REACH OF CHILDREN	
CAUTION	

## Evaluated Safety

- Toxicity of Herbicides
- Label Indicate Use on Parks/Roadsides



## Usage requirements

- Application Rates
- Mode of Action



## Expert Research

- Products determined ineffective removed
- UCCE Input

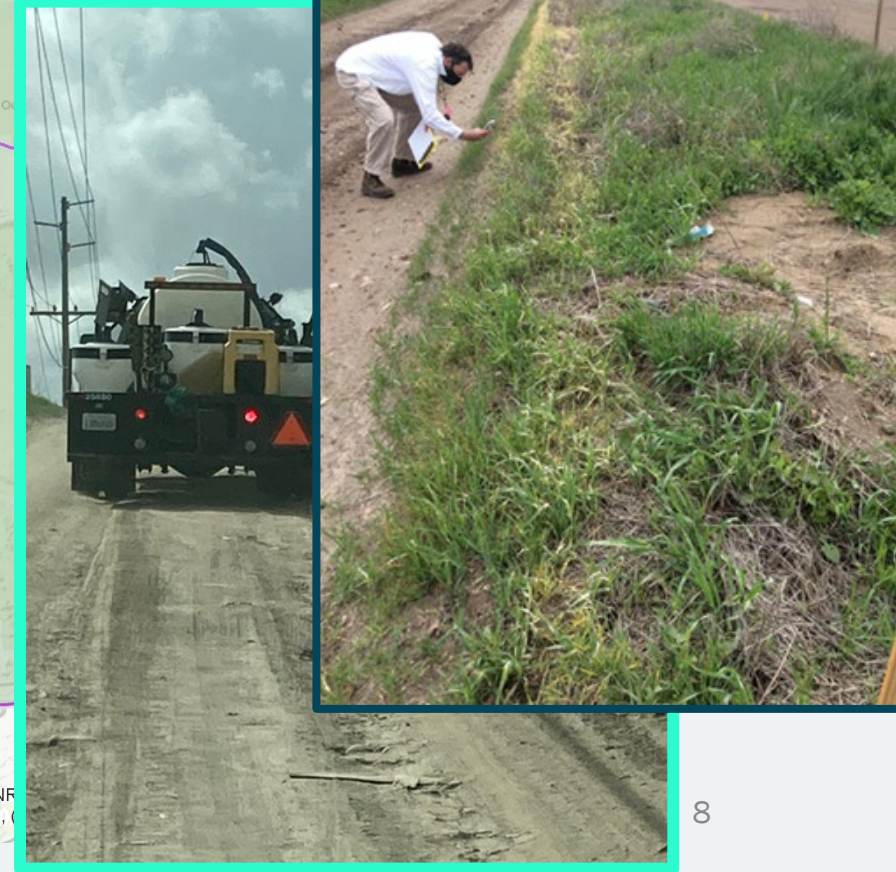
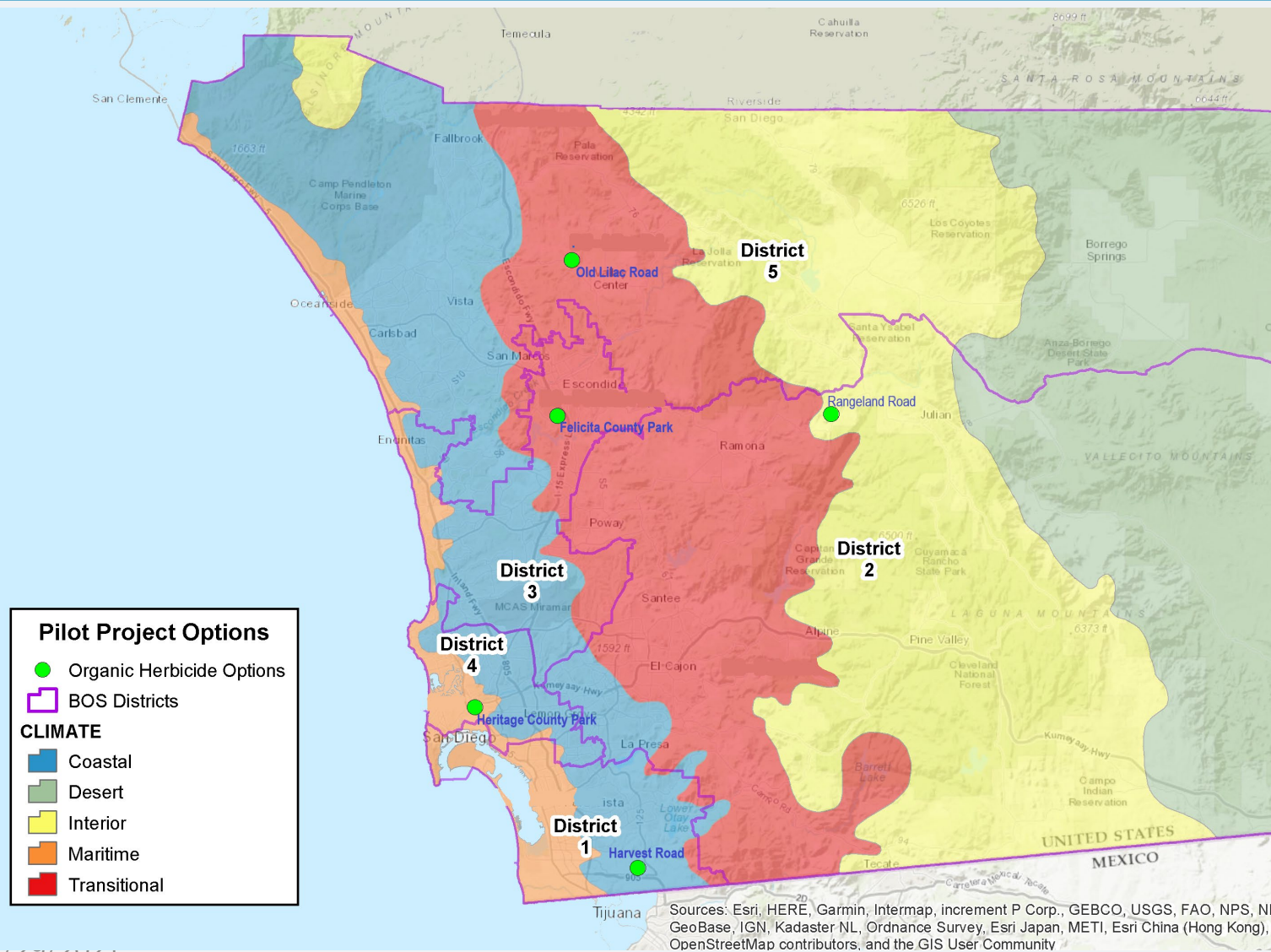
# Selected Herbicides for Pilot

Trade Name	Active Ingredient	Exempted/Non-Exempted (Organic/Synthetic)	Role in Pilot
Firerworxx	Capric Acid and Caprylic Acid	Exempted Product (Organic)	Experimental
Weedzap	Clove and Cinnamon Oil	Exempted Product (Organic)	Experimental
EcoMight's Whack Out Weeds (WOW)	Peppermint Oil	Exempted Product (Organic)	Experimental
Weedslayer	Eugenol	Exempted Product (Organic)	Experimental
Cheetah Pro	Glufosinate	Non-Exempt Products (Synthetic)	Experimental
Milestone	Aminopyralid	Non-Exempt Products (Synthetic)	Experimental
Round-Up	Glyphosate	Non-Exempt Products (Synthetic)	Control

7/29/2021



# Field Applications





# Contaminated Herbicides

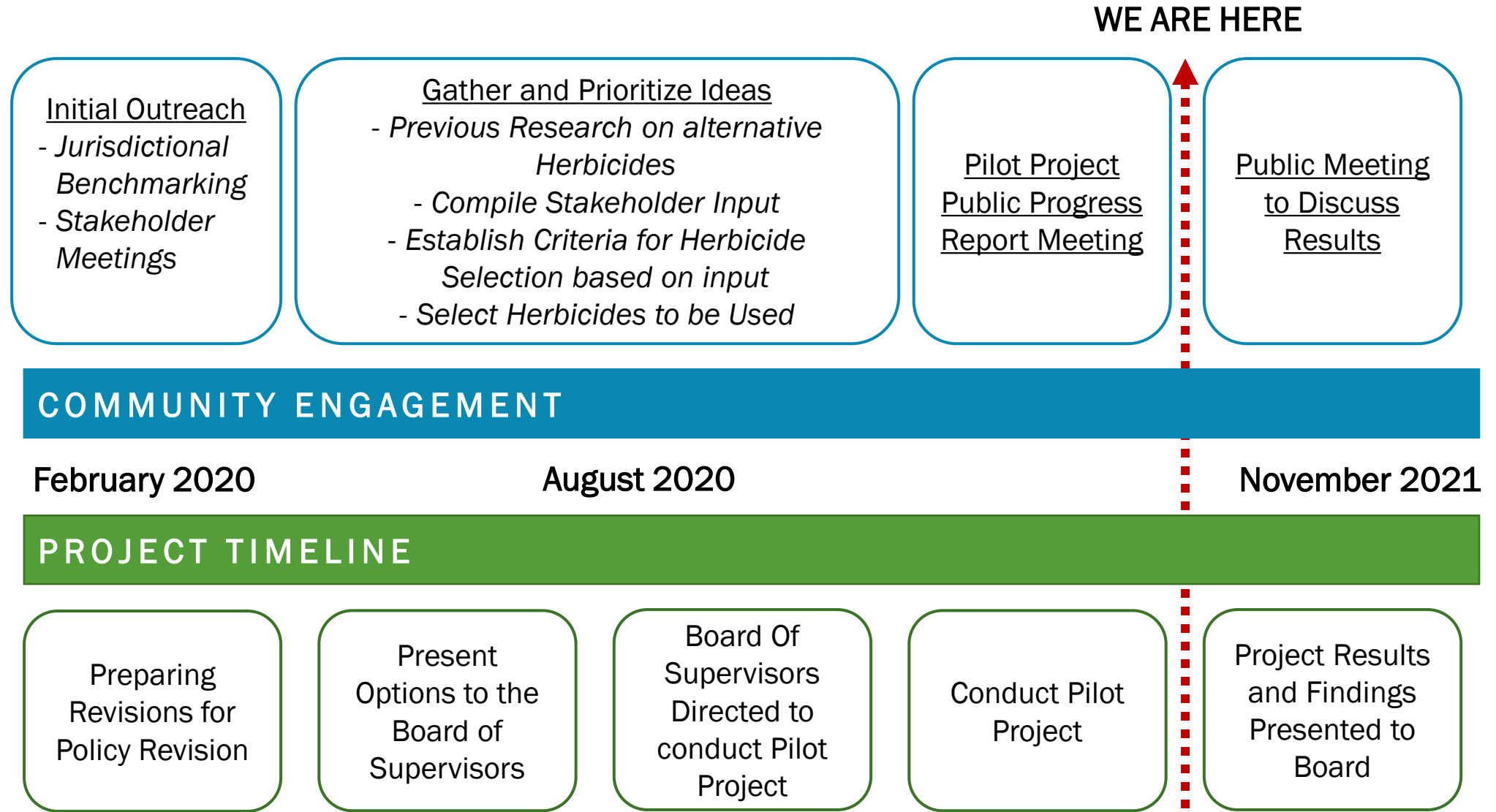


Stop Use Order from the State  
due to contamination, not  
included in pilot study



AWM submitted sample to the State.  
The State found sample to have  
multiple contaminants that were not  
on the label.

# Project Timeline- Next Steps



## IPM Plan

- F-45 Board Policy
- Evaluating other Jurisdictions IPM Plans
- Developing Our Plan
  - County Department IPM Coordinator input
  - Public Input and Engagement
  - Expert Input





# Questions?

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