

Middle Deschutes Pesticides Stewardship Partnership Strategic Plan

Meeting 2: Setting the Goals

Agenda

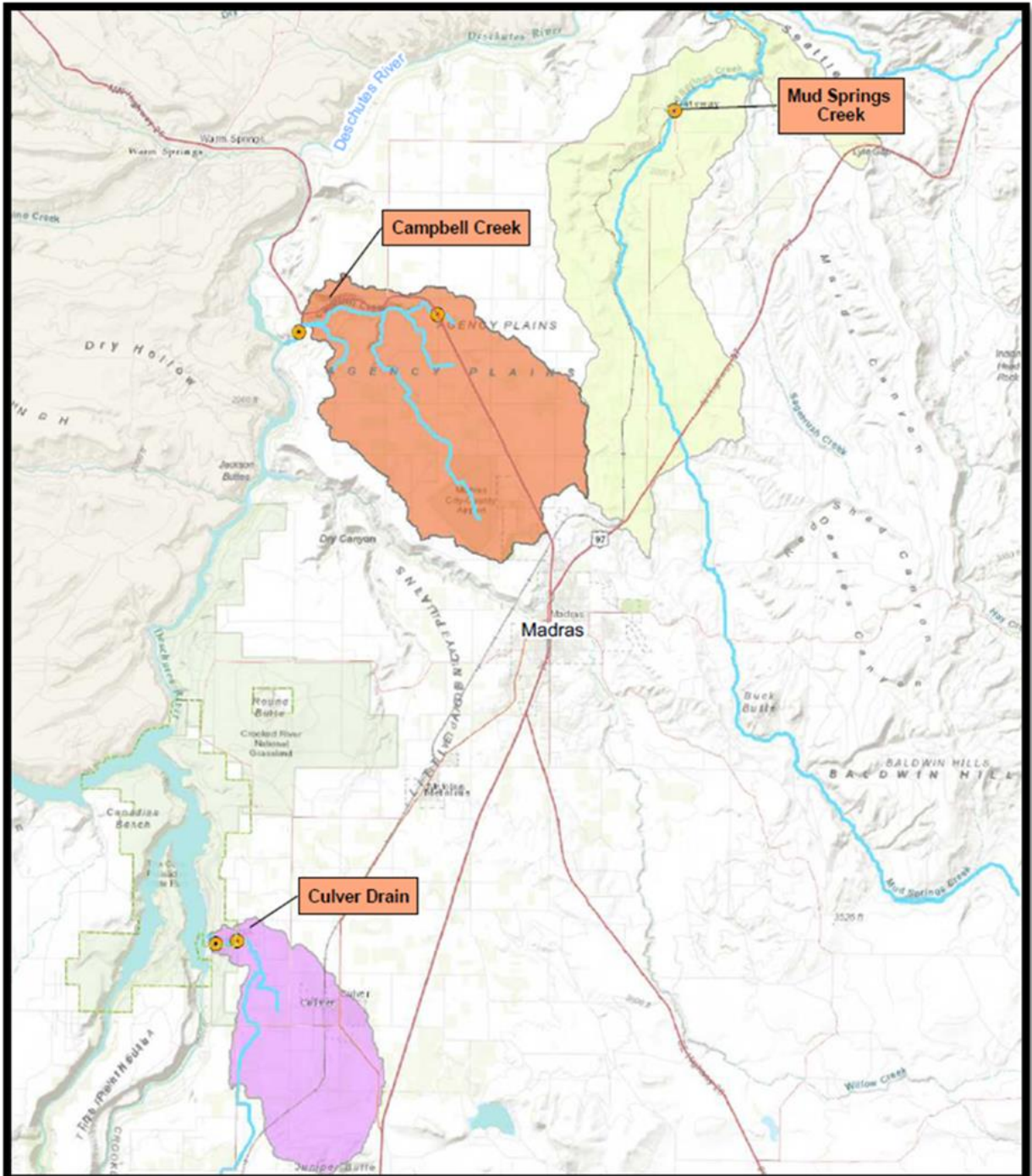
- Review the data
- Discuss the data
- Set Goals and Strategies

Meeting notes

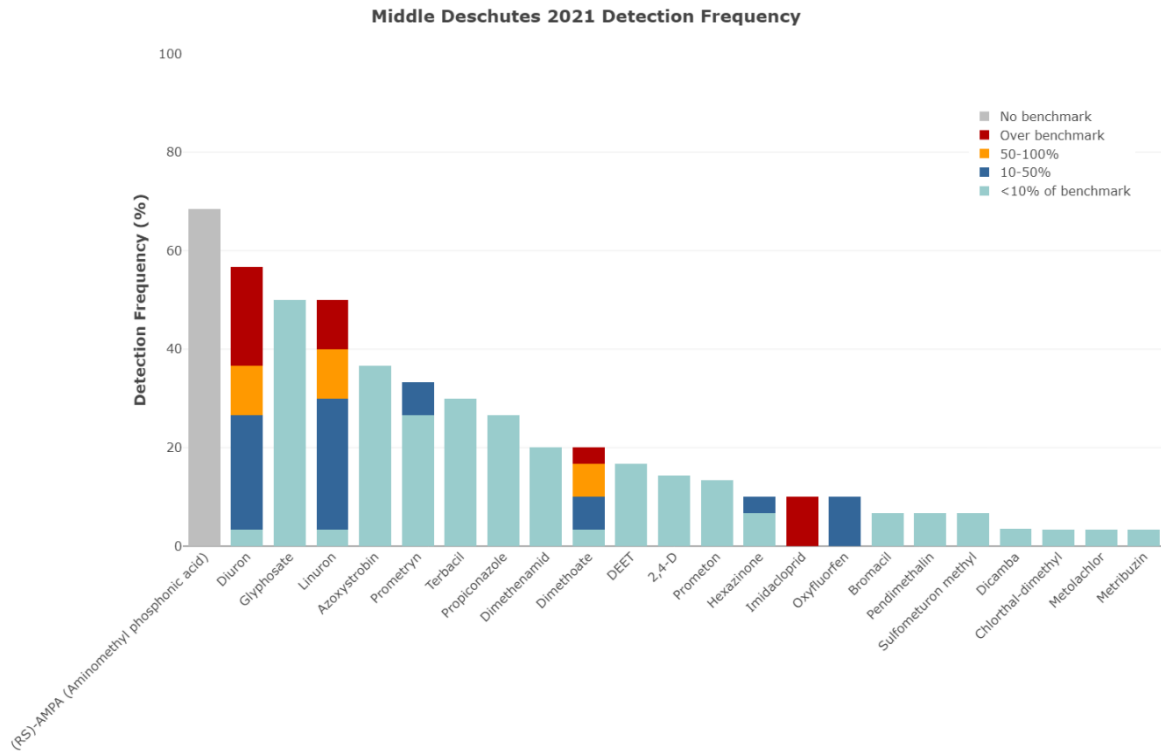
1. Review the Data
 - a. See pages 2-4
2. Discuss the Data
 - a. Each drainage has a different pesticide load
 - b. The major pesticide uses are for grass seed, carrot seed, alfalfa hay, and vegetables
3. Setting the Goals
 - a. Communication Goals: **examples follow, discuss strategies to achieve these**
 - i. Continue to develop a diverse/community-focused campaign to reduce pesticides in the waterways
 - ii. Develop communication material to increase understanding of Middle Deschutes PSP objectives and Integrative Pest Management
 - iii. Work with and between sector groups to increase knowledge of barriers to implementation of best management practices
 - b. Pesticide Concentration Goals: **examples follow, choose one**
 - i. Target a few top priority pesticide (ie. Diuron and Linuron)
 - ii. Broadly reduce all Pesticides of Concern to a certain detection concentration (no target pesticide or group)
 - iii. Target pesticides with High Level of Concern
4. Follow up questions based on goals:
 - a. What should be the PSP boundaries? Middle Deschutes-Shitike Watershed boundaries, or a regional with key drainage?
 - i. Note: The Culver Drain is outside the Middle Deschutes-Shitike Watershed and would be removed from future sampling if so.
 - b. Do we need to add or remove sample sites?
 - c. Do we need to change when we sample?

Review the Data

- Sampling locations within each drainage: Campbell Creek, Mud Springs Creek, Culver Drain.



b. Pesticides detected in 2021, showing detection frequency and concentration compared to the Aquatic Life Benchmark (ALB)



c. Based on the last three years of data from 2019-2021, pesticides with Low, Moderate, or High Level of Concern for overall (all three drainages) and by drainage.

Level of Concern				
Pesticide Name	Overall	Campbell Creek	Culver Drain	Mud Springs
Dimethenamid	High	High	Low	Low
Dimethoate	High	High	High	Low
Diuron	High	High	High	High
Imidacloprid	High	High	High	Low
Linuron	High	High	High	High
Oxyfluorfen	High	High	Low	Low
Prometryn	High	High	Moderate	Low
(RS)-AMPA (Aminomethyl phosphonic acid)	Moderate	Moderate	Moderate	Moderate
Azoxystrobin	Moderate	Moderate	Moderate	Low
Glyphosate	Moderate	Moderate	Moderate	Moderate
Propiconazole	Moderate	Moderate	Low	Low
Terbacil	Moderate	Low	Moderate	Low

d. Trade names and major uses for pesticides with High Level of Concerns

	Type H=Herbicide I=Insecticide	Trade name	Major use
Dimethenamid	H	Outlook	Grass seed
Dimethoate	I	Various generics	Grass seed, alfalfa
Diuron	H	Karmex, Direx, generics	Bluegrass seed, Associated Lands (fence row/ farmyard/ stack yard/ rights-of-way)
Imidacloprid	I	Merit, Admire, generics	Vegetable crop
Linuron	H	Lorex, Lines	Carrot seed
Oxyfluorfen	H	Goal, Galigan, generics	Carrot and bluegrass seed
Prometryn	H	Caparol	Carrot seed