

**Minutes**  
**Contra Costa Integrated Pest Management Advisory Committee**  
**September 20, 2018**

Members Present: Susan Captain, Public Member at Large; Jim Donnelly, Public Member At Large; Larry Yost, Agriculture Department; Susan Heckly, County Fish and Wildlife Committee; Michael Kent, Health Services; Gretchen Logue, County Sustainability Commission; Cece Sellgren (Vice Chair), County Clean Water Program; Andrew Sutherland, Public Member at Large;

(8 members present, 7 voting members)

Members Absent: Carlos Agurto, Pestec; Jim Cartan, Save Mt. Diablo (resigned); Jerry Casey, Public Works Facilities; Allison Knapp, Public Works Maintenance; Wayne Lanier, Public Member Alternate

Staff Present: Tanya Drlik, IPM Coordinator; Lauri Byers, Supervisor Andersen's Office

Members of the Public: Elaine Sill and Dan Lent, Contra Costa Master Gardeners; Dave Shoemaker, Karen Perkins, and Susan JunFish, Parents for a Safer Environment

Jim Cartan being absent, Cece Sellgren, Vice Chair, led the meeting.

1. Introductions

2. Public comment on items not on the agenda  
Karen Perkins read a statement (see attached).

3. Announcements

The IPM Coordinator announced that Jim Cartan has taken a teaching job in the city of Alameda and has resigned from the Committee. She also noted that the terms for Jim Cartan's seat (Environmental Organization), Jim Donnelly's seat (Public Member 3), and Wayne Lanier's seat (Public Member Alternate) all end on December 31, 2018. The IPM Coordinator will be recruiting for those seats.

Susan JunFish asked the Committee to make sure Pestec records each full committee meeting.

4. Approve minutes from July 19, 2018

Gretchen Logue noted that she was mistakenly recorded as present on July 19.

A motion was made and seconded (AS/SH) to approve the minutes as corrected.

The motion carried:

AYES: Captain, Donnelly, Heckly, Sellgren, Sutherland

NOES: none

ABSTAIN: Kent, Logue

ABSENT: Lanier

5. Hear presentation entitled Efficacy of Steam Weeder in a Park Setting from Cheryl Wilen, Area IPM Advisor, UC Cooperative Extension.

Cheryl Wilen recently conducted a field trial of the Weedtechnics SW700 at a park/playground across from a school. This device works by sending water under pressure through a diesel boiler and then out through hoses to an application head. The water comes out at 205 to 218 degrees Fahrenheit. The machine uses approximately 80 gal of water per hour and 1 gal of diesel per hour. The cost of the equipment is \$11K to \$30K.

The SW700 can be hooked up to a 200 gal water tank, or to a long garden hose. In this trial, they used a 100 ft hose attached to the wand. The motor is very noisy, probably twice as loud as a leaf blower.

They used it to edge grass next to the playground and picnic tables and on weeds in sidewalks, fencelines, the parking lot, and tree wells.

Cheryl thought it worked well—better than contact herbicides, but it is slow: 10 minutes to do the steam treatment compared to 2 minutes for herbicide. It took them 1 ½ hours for two people to steam treat the park and it might have taken 45 minutes if they had had longer hoses. One person with a backpack sprayer could have treated the same area in 15 minutes.

The trial started at the beginning of August this year, and as of September 20, they had to retreat only one site. Their threshold for retreating was 70% control or less. There was some seedling growth from the water going into the soil. It worked best with 2 people: one using the application wand and one moving the hoses around. The equipment weighs 500 lbs and the wheels do not swivel, so they had to pick up the machine to turn it, and they had to get a winch to pull it up onto the trailer to get it to the site.

They also tried out a Foamstream machine. This a very new device with technology that is superior to the Weedtechnics machine; however, the machine costs \$40K compared to \$25K for a comparable Weedtechnics machine. Foamstream uses water plus an organic olive oil-based surfactant. It is very quiet and works quickly. The foam is supposed to keep the heat around the plants for a longer period. There may some selectivity with the weeds that are killed, especially some grasses.

6. Approve annual report outline

The Committee discussed the outline and approved it.

7. Hear and approve final reports from the Decision Making and Outreach subcommittees

The committee discussed the Decision Making subcommittee report. Cece Sellgren suggested that at next year's American Public Works Association Bay Area Chapter conference the committee could organize a panel on vegetation management methods used around the Bay.

The committee accepted the recommendations from the Decision Making subcommittee and asked that they be included in the annual report as recommendations from the full committee.

The court decision on glyphosate was briefly discussed and a motion was made and seconded (MK/JD) to alert Risk Management and County Counsel to the lawsuit and to alert the Board in the annual report to the lawsuit and recommend that the Board direct Risk Management and County Counsel to see if there are any implications for the County's pest management program.

The motion carried:

AYES: Captain, Donnelly, Heckly, Kent, Logue, Sellgren, Sutherland

NOES: none

ABSTAIN: none

ABSENT: Lanier

The committee discussed the Outreach subcommittee report and asked that the pest management articles created by the subcommittee be posted on the IPM website.

A motion was made and seconded to accept the subcommittee reports (JD/AS)

The motion carried:

AYES: Captain, Donnelly, Heckly, Kent, Logue, Sellgren, Sutherland

NOES: none

ABSTAIN: none

ABSENT: Lanier

8. Hear and approve recommendations from the Posting Task Force

Jim Donnelly presented the recommendations, the revised posting notice, and the revised posting sign.

*Public Comment:* Susan JunFish had comments on the sign and policy. See attached.

A motion was made and seconded to accept the recommendations from the Posting Task Force (SH/CS).

The motion carried:

AYES: Captain, Donnelly, Heckly, Kent, Logue, Sellgren

NOES: none  
ABSTAIN: Sutherland  
ABSENT: Lanier

9. Hear reports from the Agriculture and Public Works Departments
10. Hear report from the IPM Coordinator  
Time did not allow for items 9 and 10 to be considered.
10. Plan agenda for next meeting  
The Vice Chair and the IPM Coordinator will plan the next meeting.

Next Meetings: November 15, 2018; January 17, March 21, 2019

Respectfully submitted, Tanya Drlik, IPM Coordinator