



**DEPARTMENT OF PESTICIDE REGULATION  
PESTICIDE REGISTRATION AND EVALUATION COMMITTEE  
Meeting Minutes – September 16, 2011**

**Committee Members/Alternates in Attendance:**

Syed Ali, State Water Resources Control Board  
Lynn Baker, Air Resources Board (ARB)  
Martha Harnly, Department of Public Health  
Tom Ineichen, Structural Pest Control Board  
David Luscher, Department of Food and Agriculture  
Stella McMillin, Department of Fish and Game (DFG)  
Jodi Pontureri, State Water Resources Control Board  
Ann Prichard, Department of Pesticide Regulation (DPR)  
Charles Salocks, Office of Environmental Health Hazard Assessment (OEHHA)  
Gabrielle Windgasse, Department of Toxic Substances Control (DTSC)  
Dave Whitmer, California Agriculture Commissioners and Sealers Association  
Barry Wilson, UC Davis

**Visitors in Attendance:**

Denise Alder, DPR  
Henry Buckwalter, Western Plant Health Association  
Angela Csondes, ARB  
Amy Duran, DPR  
Billy Gaither, Pest Control Operators of California  
Mitch Gorsen, DPR  
Carlos Gutierrez, DPR  
Sheryl Hill, DPR  
Matt Hengel, UC Davis  
Yuzhou Lou, DPR  
Eileen Mahoney, DPR  
Jeanne Martin, DPR  
Pat Matteson, DPR  
Doug Okumura, Lawson and Associates  
John Sanders, DPR  
Randy Segawa, DPR  
Jay Shrieder, DPR  
Jim Wells, Environmental Solutions Group  
Pam Wofford, DPR



**1. Introductions and Committee Business – Ann Prichard, Chairperson, DPR**

- a. About 19 people attended the meeting.
- b. No corrections to the minutes of the previous meeting, held on May 20, 2011, were identified.

**2. Welcome New Committee Member - Thomas E. Ineichen, SPCB**

**3. Methodology for Evaluation of Pesticides for Surface Water Protection - Sheryl Gill and Yuzhou Luo, DPR**

The Surface Water Protection Program (SWPP) is developing a more consistent and transparent method for evaluating registration packages. Historically, these evaluations have been based principally on professional judgment and experience gleaned from past assessment of the conditions and mechanisms responsible for the offsite transport of pesticides to surface water and their associated toxicological impact on aquatic life. A two-phase procedure is proposed here, including phase I evaluation with initial screening, and phase II evaluations with refined modeling. Initial screening is conducted solely on chemical properties (soil adsorption coefficient, water solubility, and reaction half-lives) and aquatic toxicology data of the active ingredient in evaluation. The objective of the phase I evaluation is to classify pesticides as to whether they [1] are unlikely to be a surface water quality problem, and their registrations are supported without conditions, or [2] may potentially cause surface water problems and require additional evaluation.

For pesticides requiring additional evaluations, phase II evaluation is followed with a more refined modeling approach. Phase II evaluation is performed based on risk characterization by accounting for the product-specific information (use pattern and application rate). The objective of phase II evaluation is to develop registration recommendations for pesticide products as whether [1] to support registration without conditions, [2] to support conditional registration with requests for analytical methods, or [3] not to support registration.

In addition to registration recommendations, the developed methodology also generates a watch-list of pesticide active ingredients. The watch-list will include active ingredients for which registration is supported but potential exposure to surface water is identified. Potential actions for the listed active ingredients include: requesting analytical method for post-use monitoring, flagging the active ingredient for re-evaluation if its new label is associated with high-exposure use pattern, and other appropriate actions which may be defined in the future.

**4. Non-Fumigant VOC Mitigation Proposals - Randy Segawa, DPR**

The State Implementation Plan (SIP) for the federal Clean Air Act requires the Department of Pesticide Regulation (DPR) to track and reduce volatile organic compound (VOC) emissions from pesticides to help achieve the air quality standard for ozone. Fumigants and pesticides formulated as emulsifiable concentrates contribute the most pesticide VOC emissions. DPR currently complies with the reductions required by the SIP in all five areas it tracks. Fumigant regulations implemented in 2008 led to significant VOC reductions. These regulations require low-emission fumigation methods during the May-October ozone season. The regulations also require a fumigant limit for Ventura County, usually enforced with fumigant allowances assigned to growers. The fumigant limit and allowance program is a backup measure in other areas.

DPR is evaluating options to reduce nonfumigant VOC emissions in the San Joaquin Valley. DPR is focusing on emulsifiable concentrates containing chlorpyrifos, oxyfluorfen, abamectin, or gibberellins. These products are among the highest nonfumigant VOC contributors in the San Joaquin Valley, and there are feasible low-VOC alternatives for most uses. DPR is evaluating several registration, sales, and use restrictions to reduce emissions from these products. Based on the evaluation and discussions with stakeholders, DPR is favoring an option that would replace or amend a fumigant limit and allowance program with restrictions on sales or use of certain high-VOC nonfumigant products in the San Joaquin Valley. As specified in current regulations for a fumigant limit, the nonfumigant restrictions would only be implemented if total pesticide VOC emissions exceed a certain trigger level.

DPR will continue informal discussions on possible regulations for nonfumigant pesticides with stakeholders through the fall, and notice regulations for formal public comment in summer 2012. The regulations would go into effect in summer 2013, and the first nonfumigant VOC restrictions could go into effect in May 2014.

**5. Risk Assessment Status Update - Jay Schrieder, DPR**

Jay Schreider presented a summary of the “Prioritization and Status of Active Ingredients for Risk Characterization: Report # 52” to the Committee. The updated list contains 19 new active ingredients, all recently registered. In addition, the list also includes those active ingredients that are currently in risk assessment. Once the risk assessment for a specific active ingredient has been completed and approved by the Assistant Director, that active ingredient is removed from the prioritization list.

**6. Public Comment**

None received.

**5. Agenda Items for Next Meeting**

Dave Whitmer suggested an update on the CalAg Permit system and how it is going to improve the pesticide use report data and process.

The next meeting will be held on Friday, November 18, 2011, in the Sierra Hearing Room on the second floor of the Cal/EPA building, located at 1001 I Street, Sacramento, California.

**6. Adjourn**