WEEK ENDING JANUARY 24, 2014

OPP Weekly Activity Report

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ANTIMICROBIALS DIVISION

New Chemical Active Ingredient 30-Day Comment Period Opened. On January 15, 2014 the docket opened and a 30 day comment period began for the proposed conditional registration of the new active ingredient, Ammonium carbamate. Ammonium carbamate is intended for use as a bactericide, slimicide and algaecide in pulp and paper mill and re-circulating cooling water systems. It is used in conjunction with EPA registered 12.5% sodium hypochlorite and must be used with a proprietary feeder /delivery system. Ammonium carbamate is not a member of the carbamate family of chemicals and it is the ammonium ion that is the substance of concern from a toxicological standpoint. The ammonium ion has low acute toxicity and is a normal body constituent. There are no anticipated occupational and residential risks from the proposed uses of ammonium carbamate. Docket # EPA-HQ-OPP 2013-0627. (Melba Morrow, 308-2716).

EPA Meets with ACC's Antimicrobials Exposure Assessment Task Force to Discuss Data Compensation. On Thursday January 16, 2014, members of AD's reevaluation and registration teams, PRD's reevaluation teams, and EPA's Office of General Counsel met with the American Chemistry Council's Antimicrobial Exposure Assessment Task Force II (AEATF). The AEATF requested the meeting to gain a better understanding of EPA's processes for ensuring that registrants who receive human exposure data requirements under DCIs or new registrations meet those requirements. The AEATF presented a history of the task force and EPA explained the general DCI management and registration processes which include steps to verify that all products for which a formulator's exemption is claimed are eligible for such an exemption. Participants also discussed how EPA currently reviews the data matrix for each product to ensure that each registration cites the appropriate data required for registration/reregistration. (Lance Wormell, 703-603-0523)

National Park Service Briefs EPA on Ongoing Evaluation of Ballast Water Treatments. On Wednesday January 15, 2014, a representative from the Antimicrobials Division and EPA's Oak Ridge Institute for Science and Education met with Phyllis Green from the National Park Service (NPS) to receive an update on the ongoing efforts to evaluate the use of sodium hydroxide (NaOH) to treat ballast water. NPS provided an update on the ongoing effort to gather efficacy data and evaluate potential environmental impacts of the use which, based on preliminary results, appear to be encouraging. The release of non-native ballast water may result in ecological impacts as a result of the marine species carried in ships' ballast water and pesticidal treatments are intended to reduce the possibility of introducing non-native or invasive species into US water bodies. In August 2011, EPA authorized The Dow Chemical Company to evaluate on a

limited basis the potential impacts of a NaOH product on ballast tanks, and therefore, ship safety, and to test the effectiveness of the treatment procedures in achieving, maintaining, and neutralizing ballast discharge. EPA will continue to collaborate with its federal partners and others as appropriate. (Lance Wormell, 703-603-0523)

PESTICIDE RE-EVALUATION DIVISION

Pyraclostrobin Registration Review First Team Meetings Held. On January 15, the pyraclostrobin registration review team met to go over background information and the milestones leading up to the Final Work Plan. Pyraclostrobin is a fungicide used on many agricultural and non-agricultural sites, including corn, soybeans, wheat, broadleaf ornamentals, and turf. On January 16, the zoxamide registration review team met to discuss background and milestones. Zoxamide is a fungicide with a limited number of agricultural use sites, including potatoes and cucurbits. Also on January 16, the imazamethabenz registration review team met to discuss background and milestones. BEAD reported that usage of the active ingredient has been declining over the years. Imazamethabenz is an herbicide registered for use on barley, wheat, and sunflower. The registration review dockets for these pesticides are scheduled to open in November. (Jose Gayoso, 703-347-8652; J. Bloom, 703-308-8019)

Bentazon Team Meeting for Preliminary Risk Assessment Under Registration Review. Team members from BEAD, EFED, HED, RD, and PRD met on January 9, 2014, to discuss and coordinate the preliminary risk assessment phase of registration review of bentazon. Bentazon is a post emergent herbicide registered for use to control broadleaf weeds and nut sedges on terrestrial food and feed crops, ornamental plants, residential lawns, and turf. The docket for registration review opened March 22, 2010, and the DCI was issued on October 12, 2011. All data under the DCI for registration review has been submitted. The next step is for the team to draft a Preliminary Risk Assessment, scheduled for completion in November 2014 and the final to be published in December 2014. (Carolyn Schroeder, 703-308-2961)

Interim Approaches to National-Level FIFRA-ESA Consultations – Follow-Up Activities – Crop Mapping. On Wednesday, January 15, 2014, EPA, the US Fish and Wildlife Service and the National Marine Fisheries Service (the Services), the USDA, and representatives from the GESTF met to discuss a proposal for defining agricultural pesticide use areas by aggregation of crop categories in the Cropland Data Layer (CDL) produced by USDA's National Agricultural Statistics Survey (NASS). This meeting begins to address one of the follow-up activities identified in the agencies "Interim Approaches" for FIFRA-ESA consultations. GESTF provided an overview of a product they have been developing using CDL and

Agricultural Census data to map crop locations for 12 crop groups across the coterminous US. The purpose of the meeting was to introduce the Services to data available on cropping patterns from USDA sources and the GESTF tool that uses the available USDA data to map crop locations. This type of information could be used to develop co-occurrence analyses for listed species relative to crops. After the GESTF portion of the meeting concluded, EFED presented their ESA Knowledge Database to the Services. (C. Eiden, 305-7887)

FIELD & EXTERNAL AFFAIRS DIVISION

FEAD Hosts Meeting of National PSEP Improvement & Modernization Initiative Partners. CWPB staff hosted a meeting of the certification program stakeholder group involved with the National Pesticide Safety Education Program Improvement and Modernization Initiative (PSEP-IMI) on January 15-16 at Potomac Yard South. The PSEP-IMI project is an outgrowth of the National Stakeholder Team for Pesticide Safety Education Program Funding and is a 3-year initiative designed to enhance stability and sustainability of the PSEP program and improve the education of pesticide applicators. At the meeting, the 33 proposals submitted for the $1 million in PSEP-IMI funds donated by pesticide registrants to fund PSEP improvement projects were evaluated and final decisions on funding made. Awards will be announced by mid-February. EPA's role with PSEP-IMI is strictly advisory to provide technical support for the group, assist with document development and provide input on issues concerning EPA's applicator certification program. (Richard Pont, 305-6448; Jeanne Kasai, 308-3240)

ENVIRONMENTAL FATE & EFFECTS DIVISION

Marine Chronic Sediment Test. On January 16, EFED staff met by conference call with scientists from Smithers Viscient (testing laboratory), Syngenta, Bayer, Compliance Services International, Army Corp of Engineers, U.S. Geological Survey and EPA ORD (Narragensett), at the request of Smithers Viscient biologist, Michael Bradley. Participants discussed problems with the chronic marine sediment test, mainly the difficulty in meeting the acceptability criterion for survival in controls for all 28 days of the study. This criterion is specified in the 2001 EPA guideline (EPA 600/R-01/020) published as a draft by EPA (ORD and Office of Water) and the Army Corp of Engineers. EFED is currently discussing method revisions and actively gathering information for this study. During the meeting, participants suggested that scientists conducting the tests visit the Army Corp laboratory to identify differences in technique that may be leading to early amphipod mortality and for EPA to consider hosting a workshop to share information about the test. (Elyssa Arnold, 703-347-0236; Donna Judkins, 347-0113; Geoff Sinclair, 347-0362; Christina Wendel, 347-8066).

Meeting to Discuss California Rice Growing Practices. Members of the Pesticides in Flooded Agriculture Model (PFAM) Implementation Team and the Water Quality Tech Team met with representatives from the California Rice Commission (CRC) and the USA Rice Federation on January 15, 2014. Roberta Firoved, from CRC, gave a California Rice Virtual Tour, which included an overview of CRC and rice management practices in California. Katrina White gave a presentation on the development of a conceptual model to use with the PFAM to estimate pesticide concentrations in surface water from the use of pesticides on rice in California. The presentations were followed with a discussion of EPA's rice conceptual model and on rice agronomic practices, including such topics as hydrology, water management, and monitoring data. (Katrina White, 703-308-4536).

EPA Attends Council for the Conservation of Migratory Birds Staff Meeting on Stressor Management. On January 13, staff from the EPA attended a primer on stressor management provided by the Council for the Conservation of Migratory Birds (CCMB) at the US Fish and Wildlife Services (FWS) offices in Arlington, VA. The CCMB is an inter-agency Council that has representatives from over 20 federal agencies, including the EPA. During this meeting for Council staff, the FWS described how their stressor management approach could lead to efficient and effective impact reduction for federal projects that have the potential to impact migratory birds. An overview of available migratory bird resources (*e.g.*, databases and web-tools) was also provided. Further discussions on this approach will occur at the next Council staff meeting tentatively scheduled for late February. (Melissa Panger, 703-305-6136; Cathy Eiden, 703-305-7887).

American Beekeeping Federation Meeting. EFED staff participated in the annual meeting of the American Beekeeping Federation (ABF) in Baton Rouge, Louisiana, January 9 – 11, 2014. The meeting provided an opportunity to learn about current research by government and universities and to learn about challenges confronting the beekeeping industry. EFED staff gave a presentation to a Special Interest Group (commercial beekeepers) on efforts by EPA and other federal agencies to engage a broad range of stakeholders in pollinator protection. After the 50-minute presentation by EPA, there was an open one-hour period for the audience to ask EPA questions. Questions included the status of the Society of Environmental Chemistry and Toxicology Pellston Workshop proceedings (which OPP staff are assisting in finalizing), the nature of studies used to assess potential effects of pesticides on bees, the efforts to evaluate neonicotinoids in general, and why Europe has suspended the use of certain neonicotinoid insecticides while EPA has not. Beekeepers also expressed concern regarding the recent pollinator protection language that was added to neonicotinoid insecticide labels. (Tom Steeger, 703 305-5444).

HEALTH EFFECTS DIVISION

Federal Partnership Meeting - HED and TTB: Alcohol and Tobacco Tax and Trade Bureau (TTB) (http://www.ttb.gov/) Market Compliance Office and Health Effects Division met via teleconference to discuss pesticides and alcoholic beverages. Prior to the meeting, TTB shared with HED TTB's Laboratory Methodology. TTB was interested in EPA analytical methods and how EPA evaluates pesticides data when non-EPA methods are used. HED also provided some background on what tolerances are and how they are set. Discussions also included topics related to what might be considered *de minimus* concentrations and enforcements issues associated with this. Finally, David Miller led a discussion of OPP's involvement with the World Wine Trade Group (WWTG) (http://www.wwtg-gmcv.org/) on Tolerances/MRL and Trade Irritants. Topics for a future meeting with TTB in late March 2014 will include WWTG activities and data sharing. (David Hrdy, 305-6990)

PDP's Director Martha Lamont met with HED: PDP's Martha Lamont came to Potomac Yard to meet with HED to announce her retirement at the end of January this year. She gave a broad overview of the PDP program, including the history of the program as well as budget and staffing issues. Discussion also included the possible reinstatement of the Executive Steering Committee to deal with issues regarding PDP's status, direction, and budget. http://www.ams.usda.gov/AMSv1.0/pdp. (David Hrdy, 305-6990)

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

New Interagency Agreement Discussed with Department of Homeland Security. The Department of Homeland Security (DHS) Science and Technology Directorate and USDA's Animal and Plant Health Inspection Service have an urgent need for disinfectant product efficacy data for treating porous surfaces contaminated with high consequence foreign animal diseases (e.g., foot and mouth disease and avian influenza). The Microbiology Laboratory Branch (MLB) was contacted by DHS last fall to see if EPA could provide technical and laboratory support. DHS has funding to support the project and recommended the formation of an Interagency Agreement with EPA. To expedite the process, MLB was asked to develop a statement of work, budget, timeline and deliverables. MLB would conduct studies to determine the feasibility of recovering virus from porous surfaces, and then if successful, would pursue the efficacy evaluation of disinfectants against a surrogate virus such as Feline Calicivirus. Ultimately, the goal is to develop standard test methods that may be used to generate efficacy data for products with virucidal claims on porous surfaces. MLB will provide the information to DHS by the end of next week. (Stephen Tomasino, 410-305-2976)

Application for Renewal of CDC Registration Under Development. CDC has requested submission of the APHIS/CDC Form 1 for renewal of the laboratory's Select Agent registration. The form was revised in April 2013 along with the new regulations, and is more complex and time consuming to complete especially for labs with Tier 1 agents. CDC would like to receive the form prior to their scheduled inspection on February 4 – 6, 2014. While the submission of the form is not a requirement for the inspection, CDC indicated it would expedite the entire process for the renewal. CDC has received advance copies of all the necessary documents (biosafety, biosecurity, occupant emergency and medical monitoring plans) to facilitate the inspection process. (Susan Lawrence, 410-305-2954)

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

Compliance and Enforcement Web Revisions - The ITRMD Web Team worked with Claire Gesalman to remove a significant portion of the compliance and enforcement web content from the Pesticides website. Redirects were established for the web pages that were brought down to direct people to the new location of this content on the EPA website. The two remaining web pages - compliance and enforcement home page, and contact us - were revised accordingly. The effect of these changes can be seen by visiting the Pesticides compliance and enforcement home page at http://www.epa.gov/pesticides/enforcement/index.htm. (Les Hoot, 703-305-0876)

Update to OPP Functional Directory Intranet Web Page - The ITRMD Web Team worked with OPP to update the OPP Contacts on the Functional Directory web page. You may find more information on these subjects at http://intranet.epa.gov/pesticides/reference/opp_function_dir.htm (Mario Steadman, 703-305-8338)

OPP FOIA Request Status Report – Jan 13 - 17, 2014

Requests Received		*Requests Closed*			*Requests Open*		
FY14	*This Week*	*FY14*	*FYTD*	*This Week*	*FY14*	*Prior Years*	*Total*
128	8	41	84	13	87	269	356

(Ana Espinoza, 703-347-0102)

REGISTRATION DIVISION

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	**Company**	**Registration Number**	**Action Code***	**Due Date**	**Response Date**
The Herbicide Branch granted:					
2,4-D, 2-ethylhexyl ester	NuFarm, Inc.	71368-109	R310	2/5/2014	1/23/2014
Fluroxypyr 1-methylheptyl ester	NuFarm Americas, Inc.	228-719	R314	1/21/2014	1/17/2014
Bethany Benbow, 703/347-8072					
Metribuzin	Makhteshim Agan of North America, Inc.	66222-256	R301	1/24/2014	1/23/2014
Sodium acifluorfen	Liberty Crop Protection, LLC	89168-33	R301	1/27/2014	1/23/2014
Mindy Ondish, 703/605-0723					
Pyroxasulfone	Valent U.S.A. Corporation	59639-194	R314	1/22/2014	1/22/2014
Grant Rowland, 703/347-0254					
Diuron	Drexel Chemical Company	19713-66	R351	8/13/2014	1/17/2014
Maggie Rudick, 703/347-8072					
The Insecticide Branch granted:					
lambda-Cyhalothrin	McLaughlin Gormley King Company	1021-2615	R310	11/19/2013	1/17/2014
Driss Benmhend, 703/308-9525					
Fipronil	American Vet Sciences, LLC	88082-1	R340	1/21/2014	1/22/2014
Linda DeLuise, 703/305-5428					
lambda-Cyhalothrin	Chemsico	9688-262	R340	12/5/2013	1/17/2014
Kevin Sweeney, 703/305-5063					

R301 – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy, where applicant does not own all required data and does not have a specific authorization letter from data owner; **R310** – New end-use or manufacturing-use product with registered source(s) of active ingredient(s); includes products containing two or more registered active ingredients previously combined in other registered products; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging[(2)] [(3)];
R314 – New end use product containing two or more registered active ingredients never before registered as this combination in a formulated product; new product label is identical or substantially similar to the labels of currently registered products which separately contain the respective component active ingredients; requires review of data package within RD only; includes data and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy and/or child resistant packaging[(2)] [(3)];
R340 – Amendment requiring data review within RD (e.g., changes to precautionary label statements)[(2)] [(3)]; and **R351** – Amendment adding a new unregistered source of active ingredient.[(2)] [(3)]