Because life is good.

August 28, 2018

Director Rick Keigwin Office of Pesticide Programs Environmental Protection Agency 2777 South Crystal Drive Arlington, VA 22202

Information Quality Guidelines Staff (Mail Code 28 11 R) U.S. EPA 1200 Pennsylvania Ave., NW Washington, DC 20460 quality@epa.gov

Re: Demand for Correction under Information Quality Act: "EPA's Seven Year Quest for Columbia's Raw Data"

Director Keigwin, Information Quality Officer,

The Center for Biological Diversity (the "Center") hereby submits this Request for Correction under the Information Quality Act (IQA) of 2000, the Office of Management and Budget (OMB) Guidelines for Ensuring and Maximizing the Quality, Utility, and Integrity of Information disseminated by Federal Agencies, and the Environmental Protection Agency's (EPA) Guidelines for Ensuring and Maximizing the Quality, Objectivity. Utility, and Integrity of Information Disseminated by the Environmental Protection Agency.

On or around August 27, 2018, the Environmental Protection Agency Office of Pesticide Programs posted a new page to its website entitled "EPA's Seven Year Quest for Columbia's Raw Data." This website fails to comply with the IQA's basic requirements that all federal agencies provide public information that is objective, of adequate quality, utility, and high integrity.

EPA claims on this webpage that it has engaged in a quest — defined as "an act or instance of seeking: pursuit, search, chivalrous enterprise in medieval romance usually involving an adventurous journey of information" — to obtain raw data regarding a study completed by Columbia University "since 2010."

EPA has not provided any information to the public supporting this claim of a "quest" since 2010, but rather has posted just three letters all sent in a two year period of time where EPA and Columbia University have worked on addressing valid, legal concerns regarding what information can be reviewed by EPA and/or released to the public.

¹ Section 515 of the FY 2001 Treasury and General Government Appropriations Act, Pub. L. No. 106-554.

² https://www.epa.gov/ingredients-used-pesticide-products/chlorpyrifos-epas-seven-year-quest-columbias-raw-data

³ https://www.merriam-webster.com/dictionary/quest?utm_campaign=sd&utm_medium=serp&utm_source=jsonld

Indeed a search of the regulatory docket for Chlorpyrifos does not result in ANY documents posted to the docket in the calendar year 2010 in the "Supporting documents" category, 4 nor does a search of the docket for "Columbia" and "letter" reveal any information that demonstrates that EPA has been engaging in a "Quest" for information.⁵

EPA has posted to its website a highly ideological, biased and unsubstantiated piece of propaganda in order to benefit Dow Chemical, Croplife America and the other special interests it now fully obeys. This propaganda is a clear violation of the Information Quality Act, is virtually unprecedented in its unprofessional tone, and is beneath the dignity of the Agency.

The Center requests that this webpage be removed immediately and hopes that it will be referred to the Inspector General for further review.

Thank you,

Brett Hartl

Billout

Government Affairs Director Center for Biological Diversity

⁴ See Attachments.

⁵ See Attachments.

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Registration Review of Chlorpyrifos (PC Code 059101)

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N rrow By Doc men S bType	EPA Letter to Columbia Mailman School of Public Health Doc men Con en s:New York, NY 10032 Re: Co mb Cen er for Ch dren's Env ronmend	lic Commen s No Accep ed

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Supporting & Related Material | Posted: 05/31/2016

ID: EPA-HQ-OPP-2008-0850-0871

Chlorpyrifos: Revised Human Health Risk Assessment for Registration Review

Doc men Con en s: ...BMD Mode ng 383 Append x 6. Co mb Cen er for Ch dren's Env ronmen ...ph rm acodyn mic (PBPK/PD) mode. Tox co ogy Le ers. 135, 51.

Supporting & Related Material | Posted: 12/31/2014 |

ID: EPA-HQ-OPP-2008-0850-0195

Tmch k, C., e ...

Response to the Petition by AMVAC to Postpone Chlorpyrifos SAP Meeting

Doc men Con en s:... nder y ng h peer rev ewed rese rch. Yo r e er so ppe rs o s gges h he EPA's cons der on of he Co mb s dy, n he bsence of ccess...

Supporting & Related Material | Posted: 05/31/2016 |

ID: EPA-HQ-OPP-2008-0850-0870

Chlorpyrifos Dataset Discussion: Columbia Center for Children's Environmental Health Mothers and **Newborns Study August 1, 2016, Teleconference**

Doc men Con en s : Ch orpyr fos D se D sc ss on: Co mb Cen er for Ch dren's Env ronmen He h Mo hers... h s spr ng, here were hree e ers exch nged be ween Dr. L nd Fr ed...

Supporting & Related Material | Posted: 09/14/2016

ID: EPA-HQ-OPP-2008-0850-0930

<u>Letter from Jack E. Housenger, Director, Office of</u> Pesticide Programs to Dr. Linda P. Fried, Dean, Mailman School of Public Health, Columbia University, dated June 27, 2016

Doc men Con en s : ... sec re d enc ve Co mb , h p r c r ern ve does no reso ve he r nsp rency ss e r sed n my prevo s e er. EPA nders nds yo r concern for...

Supporting & Related Material | Posted: 08/09/2016

ID: EPA-HQ-OPP-2008-0850-0927

Letter from Linda P. Fried, Dean, Mailman School of Public Health, Columbia University, to Jack E. Housenger, Director, Office of Pesticide Programs, **United States Environmental Protection Agency,** dated May 18, 2016

Doc men Con en s : ...Pro ec on Agency Re: Co mb Cen er for Ch dren's Env ronmen He h Ep dem b ogy S dy D De r Mr. Ho senger, Th nk yo for yo r e er of Apr 19, 2016...

Commen s No Accep ed

P ge 1

Supporting & Related Material | Posted: 08/09/2016 | ID: EPA-HQ-OPP-2008-0850-0928 Federal Letter-Review of Chlorpyrifos Commen s No Accep ed **Epidemiology Studies** Doc men Con en s:...D.C. 20460 RE: Feder Le er-Rev ew of Ch orpyr fos Ep dem b ogy S des...prod ced by rese rchers w h he Co mb Cen er on Ch dren's Env ronmen ... Supporting & Related Material | Posted: 05/17/2013 | **ID**: EPA-HQ-OPP-2008-0850-0170

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Registration Review of Chlorpyrifos (PC Code 059101)

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V ew A N rrow By Doc men S bType				
	10/15/08, Updated Review of Chlorpyrifos Incidents Reports. Supporting & Related Material Posted: 03/18/2009 ID: EPA-HQ-OPP-2008-0850-0004	Commen s No Accep ed		

3/12/09. Chlorpyrifos Summary Document Registration Review: Initial Docket, March 2009

Supporting & Related Material | Posted: 03/18/2009 |

ID: EPA-HQ-OPP-2008-0850-0002

Commen s No Accep ed

<u>05/16/08, Appendix A: Food/Feed and Non-food/Non-feed Uses Considered in Registration</u>

Supporting & Related Material | Posted: 03/18/2009

ID: EPA-HQ-OPP-2008-0850-0006

Commen s No Accep ed

02/09/09, Chlorpyrifos. Human Health Assessment Scoping Document in Support of Registration Review

Supporting & Related Material | Posted: 03/18/2009

ID: EPA-HQ-OPP-2008-0850-0003

Commen s No Accep ed

11/25/08, Registration Review – Preliminary Problem Formulation for the Ecological Risk and Environmental Fate, Endangered Species, and Drinking Water Assessments for Chlorpyrifos (PC Code 059101; DP Barcode D355212)

Supporting & Related Material | Posted: 05/01/2009

ID: EPA-HQ-OPP-2008-0850-0007

Commen s No Accep ed

<u>6-25-09 Slides from EPA Meeting with Dow</u> <u>AgroSciences</u>

Supporting & Related Material | Posted: 07/23/2009

ID: EPA-HQ-OPP-2008-0850-0019

Commen s No Accep ed

6-25-09 Sign-in Sheet for EPA Meeting with Dow AgroSciences

Supporting & Related Material | Posted: 07/23/2009

ID: EPA-HQ-OPP-2008-0850-0018

Commen s No Accep ed

Chlorpyrifos Final Work Plan (FWP) - 9/25/09

Supporting & Related Material | Posted: 10/06/2009 |

ID: EPA-HQ-OPP-2008-0850-0020

Commen s No Accep ed

Registration Review – Response to Comments on Preliminary Problem Formulation for Ecological Risk and Environmental Fate, Endangered Species and Drinking Water Assessments for Chlorpyrifos (PC Code 059101; DP Barcode D355212) - 8/5/09

Supporting & Related Material | Posted: 10/06/2009 |

ID: EPA-HQ-OPP-2008-0850-0021

Commen s No Accep ed

Chlorpyrifos. Health Effects Division Response to
Comments on the Registration Review Preliminary
Work Plan. - 8/13/09

Supporting & Related Material | Posted: 10/06/2009

ID: EPA-HQ-OPP-2008-0850-0022

BEAD Response to Comments on Chlorpyrifos
Preliminary Work Plan (DP#366702) - 7/28/09

Supporting & Related Material | Posted: 10/06/2009

ID: EPA-HQ-OPP-2008-0850-0023

6/30/11 - Revised Chlorpyrifos Acute and Chronic Dietary Exposure and Risk Assessments

Supporting & Related Material | Posted: 07/06/2011

ID: EPA-HQ-OPP-2008-0850-0030

5/24/11. Chlorpyrifos. Registration Review Action for Chlorpyrifos. Summary of Analytical Chemistry and Residue Data.

Supporting & Related Material | Posted: 07/06/2011 |

ID: EPA-HQ-OPP-2008-0850-0031

6/30/11 - Chlorpyrifos Preliminary Human Health
Assessment for Registration Review

Supporting & Related Material | Posted: 07/06/2011

ID: EPA-HQ-OPP-2008-0850-0025

6/27/11. Chlorpyrifos: Tier II Incident Report

Supporting & Related Material | Posted: 07/06/2011

ID: EPA-HQ-OPP-2008-0850-0032

6/30/11 - Revised Chlorpyrifos Preliminary Reg Review Drinking Water Assessment

Supporting & Related Material | Posted: 07/06/2011

ID: EPA-HQ-OPP-2008-0850-0026

7/1/11. Reader's Guide to the Preliminary Human Health Risk Assessment for Chlorpyrifos

Supporting & Related Material | Posted: 07/06/2011 |

ID: EPA-HQ-OPP-2008-0850-0027

6/16/11. Chlorpyrifos Carcinogenicity: Review of Evidence from the U.S. Agricultural Health Study (AHS) Epidemiologic Evaluations 2003-2009

Supporting & Related Material | Posted: 07/06/2011 |

ID: EPA-HQ-OPP-2008-0850-0029

<u>6/27/11. Chlorpyrifos: Occupational and Residential</u>
<u>Exposure Assessment</u>

Supporting & Related Material | Posted: 07/06/2011

ID: EPA-HQ-OPP-2008-0850-0028

Commen s No Accep ed

Chlorpyrifos Occupational and Residential Appendix

Α

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0034

Commen s No Accep ed

<u>Chlorpyrifos Occupational and Residential Appendix</u>

В

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0035

Commen s No Accep ed

Chlorpyrifos Occupational and Residential Appendix

F

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0039

Commen s No Accep ed

<u>Chlorpyrifos Occupational and Residential Appendix</u>

E

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0038

Commen s No Accep ed

<u>Chlorpyrifos Occupational and Residential Appendix</u>

D

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0037

Commen s No Accep ed

Revised Chlorpyrifos Preliminary Reg Review

Drinking Water Assessment - Appendix D - Typical

Use Data for Chlorpyrifos

Supporting & Related Material | Posted: 07/15/2011 |

ID: EPA-HQ-OPP-2008-0850-0033

Commen s No Accep ed

Chlorpyrifos Occupational and Residential Appendix

<u>H</u>

Supporting & Related Material | Posted: 07/15/2011 |

ID: EPA-HQ-OPP-2008-0850-0041

Commen s No Accep ed

Chlorpyrifos Occupational and Residential Appendix

C

Supporting & Related Material | Posted: 07/15/2011 |

Commen s No Accep ed

ID: EPA-HQ-OPP-2008-0850-0036

Chlorpyrifos Occupational and Residential Appendix

G

Supporting & Related Material | Posted: 07/15/2011

ID: EPA-HQ-OPP-2008-0850-0040

Commen s No Accep ed

2/17/11 - EPA's Chlorpyrifos BMD runs for the Preliminary Human Health Risk Assessment.

Supporting & Related Material Posted: 04/30/2012

ID: EPA-HQ-OPP-2008-0850-0102

7/16/12. Spray Drift Mitigation Decision for Chlorpyrifos

Supporting & Related Material | Posted: 07/18/2012 |

ID: EPA-HQ-OPP-2008-0850-0103

Commen s No Accep ed

7/13/12. Chlorpyrifos – Evaluation of the Potential Risks from Spray Drift and the Impact of Potential Risk Reduction Measures

Supporting & Related Material | Posted: 07/18/2012 |

ID: EPA-HQ-OPP-2008-0850-0105

Commen s No Accep ed

7/10/12. Dow AgroSciences – Spray Drift Assessment and Drift Management Labeling Considerations

Supporting & Related Material | Posted: 07/18/2012

ID: EPA-HQ-OPP-2008-0850-0104

Commen s No Accep ed

7/13/12. Appendix G - Chlorpyrifos - Evaluation of the Potential Risks from Spray Drift and the Impact of Potential Risk Reduction Measures

Supporting & Related Material | Posted: 07/18/2012

ID: EPA-HQ-OPP-2008-0850-0108

Commen s No Accep ed

7/13/12. Appendix F - Chlorpyrifos – Evaluation of the Potential Risks from Spray Drift and the Impact of Potential Risk Reduction Measures

Supporting & Related Material | Posted: 07/18/2012 |

ID: EPA-HQ-OPP-2008-0850-0107

Commen s No Accep ed

7/13/12. Appendix E - Chlorpyrifos – Evaluation of the Potential Risks from Spray Drift and the Impact of Potential Risk Reduction Measures

Supporting & Related Material | Posted: 07/18/2012 |

ID: EPA-HQ-OPP-2008-0850-0106

Commen s No Accep ed

7/11/12 - Evaluation of Columbia University
Epidemiology Study Claims Related to Brain
Abnormalities and Pre-Natal Exposures to
Chlorpyrifos

Supporting & Related Material | Posted: 08/08/2012 |

ID: EPA-HQ-OPP-2008-0850-0110

Commen s No Accep ed

8/3/12 - Drift Potential of Banded Uses of Chlorpyrifos

Supporting & Related Material | Posted: 08/08/2012 |

ID: EPA-HQ-OPP-2008-0850-0109

Commen s No Accep ed

Review of Two Environmental Fate Studies for Chlorpyrifos

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0122

<u>Data Evaluation Record for Chlorpyrifos Air</u> Photolysis Study MRID 48789701

Supporting & Related Material | Posted: 02/06/2013

ID: EPA-HQ-OPP-2008-0850-0112

Commen s No Accep ed

<u>Data Evaluation Record for Chlorpyrifos Field</u> <u>Volatility Study - Potato MRID 48998801</u>

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0120

Commen s No Accep ed

Attachment 2 PERFUM Modeling Files

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0116

Commen s No Accep ed

<u>Chlorpyrifos Volatility Assessment: Guide to</u> <u>Commenters</u>

Supporting & Related Material | Posted: 02/06/2013

ID: EPA-HQ-OPP-2008-0850-0117

Commen s No Accep ed

Attachment 1 Chlorpyrifos Master Use Summary

<u>Document</u>

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0115

Commen s No Accep ed

<u>Updated Data Evaluation Record for Chlorpyrifos Flux</u> <u>study MRID 48883201</u>

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0121

Commen s No Accep ed

Information on Application Rates and Acres Treated per Application per Day for Selected Chlorpyrifos Formulations

Supporting & Related Material | Posted: 02/06/2013

ID: EPA-HQ-OPP-2008-0850-0118

Commen s No Accep ed

ELIXING GIT 2000 0000 0110

Updated: Evaluation of Direct Flux Measurement of Chlorpyrifos and Chlorpyrifos-Oxon Emissions
Following Applications of Lorsban Advanced
Insecticide to Alfalfa (MRID 48883201)

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0119

Commen s No Accep ed

<u>Chlorpyrifos Preliminary Evaluation of the Potential</u>
<u>Risks from Volatilization</u>

Supporting & Related Material | Posted: 02/06/2013 |

ID: EPA-HQ-OPP-2008-0850-0114

Information Package re Meeting between Dow
AgroSciences and EPA to Discuss Chlorpyrifos and
Recent Epidemiology Studies, the April 2012 SAP, and
Dose Reconstruction
Supporting & Related Material | Posted: 02/06/2013 |
ID: EPA-HQ-OPP-2008-0850-0113

Federal Letter-Review of Chlorpyrifos Epidemiology
Studies
Supporting & Related Material | Posted: 05/17/2013 |
ID: EPA-HQ-OPP-2008-0850-0170

P ge 1 of 3 Dsp yng 1 - 50 of 107