

or disapprove such rates, to FERC. By Delegation Order No. S1–DEL–S3–2024, effective August 30, 2024, the Secretary of Energy also delegated the authority to confirm, approve, and place such rates into effect on an interim basis to the Under Secretary for Infrastructure. By Redelegation Order No. S3–DEL–WAPA1–2023, effective April 10, 2023, the Under Secretary for Infrastructure further redelegated the authority to confirm, approve, and place such rates into effect on an interim basis to WAPA’s Administrator.

Availability of Information

All brochures, studies, comments, letters, memorandums, or other documents that RM initiates or uses to develop the proposed formula rates are available for inspection and copying at the Rocky Mountain Regional office located at 5555 East Crossroads Boulevard, Loveland, Colorado. Many of these documents and supporting information are also available on RM’s Rates website at: www.wapa.gov/about-wapa/regions/rm/rm-rates/2026-rate-adjustment-rto-trans-and-anc-svcs.

Ratemaking Procedure Requirements

Environmental Compliance

WAPA is in the process of determining whether an environmental assessment or an environmental impact statement should be prepared or if this action can be categorically excluded from those requirements.⁷

Determination Under Executive Order 12866

WAPA has an exemption from centralized regulatory review under Executive Order 12866; accordingly, no clearance of this notice by the Office of Management and Budget is required.

Signing Authority

This document of the Department of Energy was signed on December 19, 2024, by Tracey A. LeBeau, Administrator, Western Area Power Administration, pursuant to delegated authority from the Secretary of Energy. That document, with the original signature and date, is maintained by DOE. For administrative purposes only, and in compliance with requirements of the Office of the Federal Register, the undersigned DOE Federal Register Liaison Officer has been authorized to sign and submit the document in electronic format for publication, as an

official document of the Department of Energy. This administrative process in no way alters the legal effect of this document upon publication in the **Federal Register**.

Signed in Washington, DC, on December 19, 2024.

Jennifer Hartzell,

*Alternate Federal Register Liaison Officer,
U.S. Department of Energy.*

[FR Doc. 2024–30862 Filed 12–26–24; 8:45 am]

BILLING CODE 6450–01–P

ENVIRONMENTAL PROTECTION AGENCY

[EPA–HQ–OW–2023–0107; FRL 10680–01–OW]

Comparison of Aquatic Life Protective Values Developed for Pesticides Under the FIFRA and the CWA

AGENCY: Environmental Protection Agency (EPA).

ACTION: Notice of availability.

SUMMARY: The U.S. Environmental Protection Agency (EPA) is announcing the availability of draft analyses comparing aquatic life benchmarks developed by the EPA’s Office of Pesticides Programs (OPP) in support of registration decisions for pesticides under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) to existing national recommended aquatic life Ambient Water Quality Criteria and criteria-related values developed under the Clean Water Act (CWA) for the protection of aquatic life from pesticides. The EPA’s draft analyses show that the values developed under these statutes are similarly protective of aquatic life and that the most sensitive OPP aquatic life benchmarks, which are updated regularly to include the latest science, could also serve as CWA section 304(a)(1) recommended aquatic life criteria or 304(a)(2) informational benchmarks for pesticides. The EPA will accept public comments on the draft analyses and potential application of OPP aquatic life benchmarks for CWA 304(a) purposes for 30 days upon publication in the **Federal Register**.

DATES: Comments must be received on or before January 27, 2025.

ADDRESSES: You may send comments, identified by Docket ID No. EPA–HQ–OW–2023–0107, by any of the following methods:

- *Federal eRulemaking Portal:* <https://www.regulations.gov/> (our preferred method). Follow the online instructions for submitting comments.
- *Agency website:* <https://www.epa.gov/wqc/common-effects->

methodology-pesticides. Follow the online instructions for submitting comments.

- *Mail:* U.S. Environmental Protection Agency, EPA Docket Center, Office of Water Docket, Mail Code 28221T, 1200 Pennsylvania Avenue NW, Washington, DC 20460.

- *Hand Delivery or Courier:* EPA Docket Center, WJC West Building, Room 3334, 1301 Constitution Avenue NW, Washington, DC 20004. The Docket Center’s hours of operations are 8:30 a.m.—4:30 p.m., Monday—Friday (except Federal Holidays).

Instructions: All submissions received must include the Docket ID No. for this Notice of Availability. Comments received may be posted without change to <https://www.regulations.gov/>, including any personal information provided. For detailed instructions on sending comments and additional information on the public comment, see the “Public Participation” heading of the **SUPPLEMENTARY INFORMATION** section of this document.

FOR FURTHER INFORMATION CONTACT:

Christine Bergeron, Health and Ecological Criteria Division, Office of Water (Mail Code 4304T), Environmental Protection Agency, 1200 Pennsylvania Avenue NW, Washington, DC 20460; telephone number: (202) 566–0629; email: Bergeron.christine@epa.gov.

SUPPLEMENTARY INFORMATION:

I. Public Participation

Submit your comments, identified by Docket ID No. EPA–HQ–OW–2023–0107, at https://www.regulations.gov (our preferred method), or the other methods identified in the **ADDRESSES** section. Once submitted, comments cannot be edited or removed from the docket. The EPA may publish any comment received to its public docket. Do not submit to EPA’s docket at <https://www.regulations.gov> any information you consider to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Multimedia submissions (audio, video, etc.) must be accompanied by a written comment. The written comment is considered the official comment and should include discussion of all points you wish to make. The EPA will generally not consider comments or comment contents located outside of the primary submission (*i.e.*, on the web, cloud, or other file sharing system). Please visit <https://www.epa.gov/dockets/commenting-epa-dockets> for additional submission methods; the full EPA public comment policy; information

⁷ In compliance with the National Environmental Policy Act (NEPA) of 1969, as amended, 42 U.S.C. 4321–4347; the Council on Environmental Quality Regulations for implementing NEPA (40 CFR parts 1500–1508); and DOE NEPA Implementing Procedures and Guidelines (10 CFR part 1021).

about CBI or multimedia submissions; and general guidance on making effective comments.

II. Purpose and Background

A. What is the purpose of this action?

The purpose of this action is to request comment on: (1) the EPA's draft analyses comparing aquatic life benchmarks developed by the EPA's Office of Pesticides Programs (OPP) in support of registration decisions for pesticides under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) to existing national recommended aquatic life Ambient Water Quality Criteria (AWQC) and criteria-related values (e.g., values developed using assessment or safety factors) developed under the Clean Water Act (CWA) for the protection of aquatic life from pesticides, and (2) the potential application of OPP aquatic life benchmarks for CWA 304(a) purposes, either as 304(a)(1) recommended criteria or 304(a)(2) informational benchmarks, and 3) whether the eight current pesticide criteria values that also have OPP benchmarks should be updated with the most sensitive OPP benchmark value and retained as CWA section 304(a)(1) aquatic life AWQC. The EPA prepared these draft analyses to support the agency's effort to harmonize aquatic life effects assessment methods for pesticides across statutes and to provide a common basis for achieving water quality protection under the FIFRA and the CWA by leveraging work across the agency. This collaborative effort promotes consistency and efficiency in the EPA's effects assessments for pesticides to protect aquatic life.

B. Background

1. CWA section 304(a)(1) National Recommended Ambient Water Quality Criteria for Aquatic Life

National recommended AWQC for the protection of aquatic life are numeric concentrations of pollutants in surface waters that are expected to protect against unacceptable adverse ecological effects to aquatic life resulting from exposure to pollutants found in water with specific recommendations on the duration and frequency of those concentrations (<https://www.epa.gov/wqc/national-recommended-water-quality-criteria-aquatic-life-criteria-table>). CWA section 304(a)(1) directs the EPA to develop and publish AWQC recommendations that reflect the latest scientific knowledge. Generally, the EPA develops 304(a)(1) aquatic life AWQC recommendations following the "Guidelines for Deriving Numerical Water Quality Criteria for the Protection

of Aquatic Organisms and Their Uses" (U.S. EPA 1985) ("Guidelines"), an approach that encourages collecting toxicity data for a broad range of aquatic organisms, specified by the recommended eight Minimum Data Requirements (MDRs), to ensure, with high confidence, that the AWQC will be protective of aquatic communities. AWQC are based solely on data and scientific judgments about the relationship between pollutant concentrations and the potential effects on aquatic organisms. The EPA's recommended AWQC are not regulatory, nor do they automatically become part of a State's water quality standards. States and authorized Tribes may adopt these criteria into their water quality standards (WQS) to protect the designated uses of water bodies. States and authorized Tribes may also modify these criteria to reflect site-specific conditions before adopting these into standards or use other scientifically defensible methods to develop criteria.

2. CWA Section 304(a)(2) Aquatic Life Benchmarks

Aquatic life benchmarks, developed under CWA section 304(a)(2), are informational values that the EPA generates when there are limited high-quality data available to develop 304(a)(1) AWQC, because data gaps exist for several aquatic organism families. These data gaps can be addressed using new approach methods, such as mathematical extrapolation tools, read-across from other chemicals with similar structures, or other information. The EPA develops aquatic life benchmarks to provide information that States and Tribes may consider in their water quality protection programs including development of water quality criteria. Like AWQC, the EPA's CWA section 304(a)(2) aquatic life benchmark values are not regulatory, nor do they automatically become part of a State's or Tribe's water quality standards.

3. OPP Aquatic Life Benchmarks

Aquatic life benchmarks developed by OPP are based on the EPA's analysis of available high-quality data on the potential effects of pesticides on the aquatic community and support registration decisions for pesticides under the FIFRA. These benchmarks are estimates of the concentrations below which pesticides are not expected to present a risk of concern for aquatic organisms (<https://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/aquatic-life-benchmarks-and-ecological-risk>). EPA regularly updates the benchmarks to reflect the latest scientific information submitted

under FIFRA. Federal, State, Tribal and local governments use these benchmarks in their interpretation of water monitoring data.

III. Overview of Harmonized Approach and Draft Comparative Analysis

The EPA has been working since 2009 to harmonize OPP's benchmarks and CWA section 304(a) aquatic life effects assessments in response to States and other stakeholders questioning the differences between these two approaches. In 2010, the EPA notified the public of multiple stakeholder meetings held when the agency first considered harmonizing aquatic effects assessments for pesticides under the FIFRA and the CWA. See <https://www.regulations.gov/docket/EPA-HQ-OPP-2009-0773>. In 2011, the agency solicited public comments as part of the 2012 FIFRA Scientific Advisory Panel (SAP) review of the EPA analyses regarding potential approaches. See <https://www.regulations.gov/docket/EPA-HQ-OPP-2011-0898>. The SAP made recommendations to develop an approach to harmonize OPP's benchmarks and CWA section 304(a) aquatic life criteria recommendations. The EPA focused on comparing the relative magnitude of the values derived using the respective FIFRA and CWA methods to examine whether the different effects assessment approaches yield similar results. This approach facilitates an efficient harmonization outcome of adopting the OPP benchmark values for the protection of aquatic life. For the draft comparative analyses, the EPA evaluated aquatic toxicity data for select insecticides and herbicides from different chemical classes and with different modes of action to compare the protective aquatic effect values developed by OPP and OW. These draft analyses are described in the "Comparison of Aquatic Life Protective Values Developed for Pesticides under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Clean Water Act (CWA)" (US EPA 2024, EPA-820-D-24-002), which is being made available for public comment in this notice of availability. The draft analyses demonstrate that the OPP benchmarks are similarly protective of aquatic life as the EPA's existing national recommended AWQC for pesticides, as well as criteria-related values developed for CWA purposes. For example, the most sensitive OPP benchmark for a given pesticide is generally lower than the corresponding current nationally recommended CWA 304(a)(1) criterion for that pesticide, with the OPP benchmarks being within a factor of two of the current 304(a)(1)

criteria. The differences between the most sensitive OPP benchmarks and criteria-related values developed when toxicity data are limited are generally within the variability reported in the literature for toxicity tests repeated within a laboratory and tests conducted in different laboratories (5–10X).

The OPP benchmarks reflect the latest scientific knowledge regarding the effects of a given pesticide on the aquatic environment, consistent with the requirement under CWA section 304(a) for establishing recommended AWQC. Most of the pesticides with OPP benchmarks do not have sufficient data available to meet the Guidelines' recommended eight MDRs for aquatic life AWQC development. Accordingly, strict adherence to the MDR recommendations in the Guidelines would result in far fewer AWQC for pesticides for which OPP has developed robust benchmarks. Thus, in this action, the EPA is proposing to rely on these available, science-based OPP values for pesticides to develop 304(a) values for pesticides for future consideration and potential use by States and Tribes in establishing water quality standards for their waters.

IV. Development of CWA 304(a) Values for Pesticides

In light of these comparative analyses showing that OPP benchmarks are similarly protective of aquatic life as the EPA's existing CWA section 304(a) national recommended AWQC and criteria-related values, the EPA is

considering recommending these OPP benchmarks as CWA section 304(a) aquatic life values. A list of the 757 anticipated CWA 304(a) aquatic life protective values based on the OPP pesticide benchmarks is presented in Table 1. Specifically, the EPA is requesting comment on whether to utilize the most sensitive OPP aquatic life benchmarks across all tested species for each pesticide as CWA 304(a)(1) recommended AWQC or 304(a)(2) informational aquatic life benchmarks, with the following exceptions:

- When plants are the most sensitive taxonomic group overall for a given pesticide, the EPA would include protective values for both the plant and most sensitive animal (vertebrate or invertebrate). If the lowest OPP benchmark is a freshwater or estuarine/marine nonvascular plant, the CWA value will be identified accordingly.
- CWA values for pesticide mixtures are not included.

Consistent with the EPA's current approach for AWQC for the protection of aquatic life, the agency intends to recommend use of standard parameters for duration (one hour for acute effects, 4-day for chronic effects) and frequency (not to be exceeded more than once in three years) for the CWA 304(a) aquatic life value.

V. The EPA's Request for Comments and Next Steps

The EPA will consider and evaluate all public comments and is most interested in receiving comments

regarding the following three topics: 1) the comparison of approaches outlined in "Comparison of Aquatic Life Protective Values Developed for Pesticides under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Clean Water Act (CWA)," 2) whether the CWA values should be accepted as CWA section 304(a)(1) aquatic life AWQC or as CWA section 304(a)(2) informational aquatic life benchmarks for pesticides if the agency concludes it will use OPP benchmarks as CWA 304(a) values, and 3) whether the eight current pesticide criteria values that also have OPP benchmarks should be updated with the most sensitive OPP benchmark value and retained as CWA section 304(a)(1) aquatic life AWQC. Updating these eight data-rich pesticides with the OPP benchmark information would reflect the latest scientific knowledge.

If the EPA pursues this approach, the agency would undertake subsequent efforts to publish CWA 304(a) aquatic life values for over 750 pesticides that States and Tribes may consider in their water quality protection programs. The CWA 304(a) values would be regularly updated to reflect the latest scientific information submitted under FIFRA and would represent the best available science regarding the aquatic life effects of pesticides.

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Table 1: Anticipated Clean Water Act 304(a) Protective Aquatic Life Values for Pesticides

Dash (-) in the Plant column indicates the animal value is lower than the plant value, so no OPP benchmark value for plants available.
 Dash (-) in the Animal column indicates that no OPP benchmark value is available for animals.
 CWA Priority Pollutants are denoted with an asterisk (*).
 Bolded text indicates there is a CWA 304(a)(1) Aquatic Life Ambient Water Quality Criteria value available for the chemical.

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
1	1,2-Benzisoxazol-3(2H)-one, 2-butyl (BBIT)	-	270	88	280	19	23.5	2.6	-
2	1,2-benzisothiazolin-3-one (BIT)	-	270	-	280	19	-	-	-
3	1,3-PAD	15	36.5	9.8	-	-	-	-	-
4	1-Naphthalene acetic acid (NAA)	4200	14000	-	1200	-	-	-	-
5	1-Naphthaleneacetamide (NAD)	4200	14000	-	1200	-	6500	-	-
6	2,4-Dichlorophenoxyacetic acid (2,4-D)	299.2	12500	-	-	-	-	-	-
7	2,4-D acids and salts	299.2	12500	-	16050	-	-	-	-
8	2,4-D esters	-	130	-	79.2	152	-	-	-
9	2,4-D, 2-ethylhexyl ester	330	1700	-	79.2	152	-	-	-
10	2,4-D, Butcarethyl ester	-	214	-	200	-	-	-	-
11	2,4-D, Diethanolamine salt	299.2	>40800	-	16050	-	-	-	-
12	2,4-D, Dimethylamine salt	3880	-	-	23600	-	-	-	-
13	2,4-D, Isopropyl ester	-	130	-	-	-	-	-	-
14	2,4-DB (4-(2,4-dichlorophenoxy) butyric acid)	83	7150	-	1500	-	-	-	-
15	2,4-DB-DMAS (2,4-DB, dimethylamine 4-(2,4-dichlorophenoxy) butyrate)	83	7150	-	1500	-	-	-	-
16	3-Trifluoromethyl-4-Nitrophenol (TFM)	-	300	-	1790	-	-	-	-
17	4-aminopyridine	-	185	-	-	-	-	-	-
18	Abamectin	-	0.17	-	0.52	-	0.01	-	-
19	Abscisic Acid	-	>58000	-	-	-	-	-	-
20	Acephate	-	550	-	150	-	1900	5000	-
21	Acequinocyl	-	2.6	-	0.98	-	0.47	-	6.7
22	Acetaminophen	-	14750	-	-	-	-	-	-
23	Acetamiprid	-	10.5	-	2.1	-	33	1000	-
24	Acetic acid	-	32500	-	-	-	-	-	-
25	Acetochlor	1.43	190	0.12	22.1	-	1050	-	740
26	Acetochlor degradate ethanesulfonic acid (ESA)	9900	>62500	-	-	-	-	-	-
27	Acibenzolar	>423	440	3.3	26	-	295	-	49

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
28	Acrolein*	-	3.5	-	-	7.1	-	-	27.5	-	-	16	
29	Afidopyropen	-	1020	-	-	0.123	2040	2245	-	-	<80		
30	Alachlor	1.64	900	0.035	110	-	-	1200	-	-	410		
31	Alachlor ethane sulfonic acid	3600	>52000	-	-	-	-	-	-	-	-		
32	Alachlor oxanilic acid	-	>47500	-	-	-	-	-	-	-	-		
33	Aldicarb	-	10	-	-	0.46	-	6	-	-	50		
34	Aldicarb degradate "Aldicarb sulfone"	-	140	-	-	-	-	-	-	-	-		
35	Aldicarb degradate "Aldicarb sulfoxide"	-	21.5	-	-	-	-	-	-	-	-		
36	Allethrin	-	1.05	-	-	-	-	-	-	-	-		
37	Alpha-Chlorohydrin	-	486000	-	-	-	-	-	-	-	-		
38	Alpha-Cypermethrin	-	0.0018	-	-	0.00059	-	0.0027	-	-	0.125		
39	Alpha-cypermethrin degradate (3-phenoxybenzoic acid) 3-phenoxybenzoic acid	-	6650	-	-	-	-	-	-	-	-		
40	Aluminum Phosphide	-	-	-	-	-	-	-	-	-	-		
41	Ametoctradin	7.8	>32.3	-	-	44	-	>47	-	-	-		
42	Ametryn	3.67	1800	1.14	240	-	-	1150	-	-	-		
43	Amicarbazone	210	>59500	-	730	-	17	54850	-	-	2300		
44	Aminocyclopyrachlor acid	7400	19850	-	<370	-	-	>64500	-	-	-		
45	Aminocyclopyrachlor ester	-	6500	-	-	-	-	-	-	-	-		
46	Aminopyralid	-	7500	-	1360	-	-	>50000	-	-	96		
47	Amitraz	-	17.5	-	1.1	-	-	425	-	-	-		
48	Amitraz BTS 27271 (N-(2,4-dimethylphenyl)-N-methylmethanimidamide)	-	1295	-	-	-	-	-	-	-	-		
49	Amitraz BTS 27919 (N-(2,4-dimethylphenyl) formamide)	-	33100	-	-	-	-	-	-	-	-		
50	Ancymidol	292	>48200	68.4	-	-	-	-	-	-	-		
51	Anthraquinone	20.8	>75	-	58	-	-	-	-	-	-		
52	Antimycin A	-	0.0005	-	-	-	-	12	-	-	-		
53	Aquashade	-	>48000	-	-	-	-	-	-	-	-		
54	Arsenic* Acid	-	7500	-	-	-	9.2	-	-	-	-		
55	Arsenic Trioxide	-	12800	-	-	-	-	-	-	-	-		
56	Asulam	140	13550	20	10900	-	-	>50000	-	-	-		
57	Atrazine	<1.00	360	-	5	-	-	24	-	-	5		

Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
	Acute		Chronic		Acute		Chronic	
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
58 Azinphos methyl	-	0.08	-	0.25	-	0.105	-	0.017
59 Azoxystrobin	49	130	20	44	-	335	-	-
60 Benfluralin	-	34.85	-	1.9	-	21.5	-	-
61 Bensulfuron-methyl	7.8	-	-	-	-	-	-	-
62 Bensulide	140	290	-	11	-	31.2	-	36
63 Bentazon	4500	13550	900	9830	-	95000	-	-
64 Bentazon, sodium salt (3-isopropyl-1H-2,1,3-benzothiadiazin-4(3H)-one 2,2-dioxide, sodium salt)	4500	31150	-	9830	-	-	-	-
65 Benzobicyclon	1.475	>184	0.7	19.2	-	>155	-	132
66 Benzobicyclon degradate Metabolite B (3-[2-chloro-4-(methylsulfonyl)benzoyl]-bicyclo[3.2.1]octane 2,4-dione)	-	>240.5	-	2.3	-	1835	-	4770
67 Benzovindiflupyr	-	1.75	-	0.95	-	14	-	5.66
68 Benzovindiflupyr degradate M700F001 (3-(difluoromethyl)-1-methyl-1H-pyrazole-4-carboxylic acid)	-	>44050	-	-	-	-	-	-
69 Benzovindiflupyr degradate SYN546039 (N-[(1R,2R,4S)-9-(dichloromethylene)-2-hydroxy-1,2,3,4-tetrahydro-1,4-methanonaphthalen-5-yl]-3-(difluoromethyl)-1-methylpyrazole-4-carboxamide)	-	1250	-	-	-	-	-	-
70 Benzyl Benzoate	-	700	-	-	-	-	-	-
71 Benzyl Benzoate degradate Benzoic Acid	-	700	-	-	-	-	-	-
72 Benzyl Benzoate degradate Sodium Benzoate	24800	-	-	-	-	-	-	-
73 Beta-Cyfluthrin	-	0.034	-	0.003	-	-	-	-
74 Beta-Cypermethrin	-	0.195	-	-	-	-	-	-
75 Bicyclopyrone	13	>46650	3.2	10000	-	1700	-	13200
76 Bicyclopyrone degradate CSA A589691 (1S,3R)-cyclopentane-1,3-dicarboxylic acid)	>90280	-	-	-	-	-	-	-
77 Bicyclopyrone degradate CSCC163768 (6-(trifluoromethyl)pyridine-2,3-dicarboxylic acid)	>100250	-	-	-	-	-	-	-
78 Bifenazate	-	250	-	150	-	25	-	-

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
121	Chlorfenapyr Metabolite CL312094 (2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile)	-	>464	-	-	-	-	-	-
122	Chlorfenapyr Metabolite CL325195 (2-(4-chlorophenyl)-5-hydroxy-4-oxo-5-(trifluoromethyl)-3-pyrrole-3-carbonitrile)	-	1050	-	-	-	-	-	-
123	Chlorflurenol methyl ester (CME)	-	810	-	-	-	-	-	-
124	Chlorimuron-ethyl	0.27	-	-	-	-	-	-	-
125	Chlormequat chloride	2600	8450	40	5000	-	25000	-	>9150
126	Chlorophacinone	-	226	-	-	-	-	-	-
127	Chloropicrin	-	5.5	0.31	-	-	50	-	-
128	Chlorothalonil	-	9	-	0.6	-	1.8	-	10.8
129	Chlorothalonil degradate (SDS-3701) (4-hydroxy-2,5,6-trichloro-1,3-dicyanobene)	-	4600	-	-	-	-	-	-
130	Chlorpyrifos	-	0.0069	-	<0.005	-	0.0175	-	<0.28
131	Chlorpyrifos-methyl	-	0.085	-	-	-	-	-	-
132	Chlorsulfuron	0.35	>150000	0.24	20000	-	>490000	-	-
133	Chromated Arsenicals	380	7500	-	2	-	1000	<7	-
134	Citral	-	2300	-	-	-	-	-	-
135	Clethodim	1340	10100	-	2	-	2650	-	2
136	Clodinafop-propargyl	-	120	-	14	-	120	-	14
137	Clodinafop-propargyl Degradate "Clodinafop acid"	-	>4600	-	2600	-	-	-	-
138	Clodinafop-propargyl Degradate (CGA-302371) (5-chloro-3-fluoro-2(1H)-pyridinone)	30600	>47700	-	-	-	-	-	-
139	Clofentezine	-	>17.1	-	6	-	-	-	-
140	Clomazone	167	1450	23.6	350	-	283	-	4890
141	Clopyralid	6900	51500	-	4700	-	-	-	-
142	Cloransulam-methyl	0.99	>16250	0.6	<2070	-	>55500	-	-
143	Cloransulam-methyl degradate 'Cloransulam'	7.4	-	-	-	-	-	-	-
144	Clothianidin	-	11	-	0.05	-	26.5	6350	-
145	Copper*	-	2.05	-	1.11	-	-	-	-
146	Copper 8-quinolinolate (Bis(8-quinolinolato)copper(II))	-	4.45	-	2.99	2.2	-	-	-
147	Coumaphos	-	0.037	-	0.0337	-	1	-	3.6

Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)				
	Acute		Chronic		Acute		Chronic		
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	
148	-	2500	-	-	-	-	-	>7000	-
149	-	10.2	-	6.56	-	260	-	260	<750
150	-	>70	-	<8.7	-	>83.5	-	>83.5	-
151	80	>5500	30	2600	-	2500	-	2500	28
152	3200	-	-	-	-	-	-	-	-
153	-	40.4	-	9.6	-	11.5	-	11.5	-
154	-	>27.15	-	-	-	-	-	-	-
155	-	>12200	-	-	-	-	-	-	-
156	-	188	-	-	-	-	-	-	-
157	-	1200	-	31	61	850	38	850	-
158	>247	520	247	-	-	80	-	80	-
159	-	20650	-	-	-	-	-	-	-
160	-	7200	-	-	-	-	-	-	-
161	-	>49800	-	-	-	-	-	-	-
162	-	>51500	-	-	-	-	-	-	-
163	-	>8.6	-	16.2	-	>3.2	-	>3.2	11.4
164	-	3545	-	-	-	-	-	-	-

Pesticide	Freshwater Benchmarks (µg / L)			Estuarine/Marine Benchmarks (µg / L)		
	Acute		Chronic	Acute		Chronic
	Plant	Animal	Plant	Plant	Animal	Plant
165	-	-	-	-	-	-
166	-	-	5.61	-	-	-
167	>483	-	-	-	-	-
168	-	>48950	-	-	-	-
169	-	>10	-	-	-	-
170	-	0.0125	0.00012	-	0.0011	4.05
171	-	>292	47.4	-	417	-
172	-	>49600	-	-	-	-
173	-	>44200	-	-	-	-
174	-	>47700	98300	-	-	-
175	-	>200	-	-	-	-
176	-	>200	-	-	-	-
177	-	0.085	-	-	-	-
178	202	14000	0.98	-	>22200	94.2
179	-	0.00028	<0.00005	-	0.0027	0.125
180	-	0.17	-	-	-	-
181	-	16	8.2	-	4.07	39.3

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
182	Cyprodinil degradate "CGA 249287" (4-Cyclopropyl-6-methyl-pyrimidin-2-ylamine)	-	>49000	-	-	-	-	-	-
183	Cyprodinil degradate "CGA 275535" (3-(4-cyclopropyl-6-methylpyrimidin-2-ylamino)phenol)	-	>3530	-	-	-	-	-	-
184	Cyromazine	-	>42000	<100	310	-	-	-	-
185	Cyromazine degradate Melamine (2,4,6-Triamino-1,3,5-triazine, sym-Triaminotriazine)	-	30000	-	18000	-	-	-	-
186	Dacthal (DCPA)	>11000	13500	-	-	-	>500	-	-
187	Daminozide	-	35500	-	-	>99800	-	-	-
188	Dazomet degradate (Methyl Isothiocyanate)	-	26.5	-	25	-	-	-	-
189	DCOIT (4,5-dichloro-2-octyl-isothiazolone)	-	0.7	-	0.4	-	2.35	-	2.9
190	DEET (N,N-diethyl-m-toluamide)	-	37500	-	-	-	-	-	-
191	Deltamethrin	-	0.0001	-	0.000026	-	0.00185	-	0.024
192	Denatonium Benzoate	5000	5100	-	2000	-	-	-	-
193	Denatonium Saccharide	5000	5100	-	2000	-	277000	-	-
194	Diazinon	-	0.105	-	0.17	-	2.1	-	0.39
195	Dicamba acid	61	14000	5	>9900	-	>90000	-	11000
196	Dicamba degradate 3, 6-dichlorosalicylic acid (DCSA)	-	-	-	31	-	-	-	-
197	Dicamba, dimethylamine salt	-	488500	-	-	-	-	-	-
198	Dicamba, sodium salt	-	17300	-	-	-	-	-	-
199	Dichlobenil	30	2465	6	<330	-	815	-	-
200	Dichloroprop (2,4-DP)	77	>45750	1.3	100000	-	-	-	-
201	Dichlorvos (DDVP)	-	0.0334	-	0.0058	-	9.55	-	41.7
202	Diclofop-methyl	-	75	-	7.5	-	-	-	-
203	Diclofop-methyl degradate Diclofop Acid	-	10950	-	-	-	-	-	-
204	Dicloran	-	280	-	2.6	-	805	1500	-
205	Dicofol	-	26.5	-	4.4	-	-	-	-
206	Dicrotophos	-	6.3	-	1.7	-	38.5	14300	-
207	Didecyl Dimethyl Ammonium Chloride (DDAC)	-	9	8	10	-	34.5	-	-
208	Difenacoum	-	32	250	-	-	-	-	-

Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)				
	Acute		Chronic		Acute		Chronic		
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	
238	Endothall (dipotassium salt)	610	4576	-	1300	-	-	-	-
239	Endothall (mono N,N-dimethylalkylamine salt)	7.2	42	-	2.3	-	-	-	-
240	EPIC (S-Ethyl dipropylthiocarbamate)	1400	3250	-	40	-	315	-	50
241	Esbiol	-	3.9	-	-	-	-	-	-
242	Esbiol (s-bioallethrin)	-	4.7	-	-	-	-	-	-
243	Esbiothrin	-	4.45	-	-	-	-	-	-
244	Esfenvalerate	-	0.000424	-	0.0000309	-	0.00233	-	0.63
245	Ethaboxam	-	185	-	50	-	185	-	170
246	Ethaboxam degradate "LGC-32523" (4-Ethyl-2-(ethylamino)-1,3-thiazole-5-carboxamide)	-	>55000	-	-	-	-	-	-
247	Ethaboxam degradate "LGC-32533" (4-Ethyl-2-(ethylamino-N-(2-thienylcarbonyl)-1,3-thiazole-5-carboxamide)	-	>15000	-	-	-	-	-	-
248	Ethalfuralin	7.3	16	-	0.4	-	85	-	1.2
249	Ethephon	2500	15850	17	17000	-	30000	-	>50000
250	Ethion	-	0.028	-	-	-	7.5	-	-
251	Ethofumesate	>2760	5760	-	300	-	2600	-	-
252	Ethofumesate degradate CU88901 (2-[2-Hydroxy-5 (methylsulfonyloxy) phenyl]-2-methylpropanoic acid)	-	>7400	-	-	-	-	-	-
253	Ethofumesate degradate ethofumesate acetic acid	-	>5250	-	-	-	-	-	-
254	Ethofumesate degrade NC8493 (2,3-dihydro-2-hydroxy-3,3-dimethyl-5-benzofuranyl methanesulphonate)	971	>5300	-	-	-	-	-	-
255	Ethoprop	-	22	-	0.8	-	3.15	-	2
256	Ethoxyquin	-	1000	-	-	-	-	-	-
257	Etofenprox	-	0.4	-	0.17	-	0.0094	-	-
258	Etoazole	-	3.65	-	0.13	-	0.55	-	-
259	Etoazole degradate 2-amino-2-(4-tert-butyl-2-ethoxyphenyl)ethanol (R-8)	-	>440	-	-	-	-	-	-
260	Etoazole degradate 2-amino-2-(4-tert-butyl-2-ethoxyphenyl)ethyl-2',6'-difluorobenzoate hydrochloride (R-7)	-	>370	-	-	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
274	Famoxadone degradate IN-MN468 (5-methyl-3-[(4-nitrophenyl)amino]-5-(4-phenoxyphenyl)-2,4-oxazolinedione)	-	130.5	-	-	-	-	-	-
275	Famoxadone degradate IN-MN968 (1-carboxy-1-(4-phenoxyphenyl)ethyl 2-phenylhydrazinecarboxylate)	-	>25.5	-	-	-	-	-	-
276	Fenamidone	-	24.5	-	4.7	-	34.5	12	19
277	Fenamidone degradate RPA-410193 ((5S)-5-Methyl-5-phenyl-3-(phenylamino)-2,4-imidazolelidinedione) (phenylamino)-2,4-imidazolinedione	-	>2750	-	-	-	-	-	-
278	Fenamidone degradate RPA-412636 ((S)-Methyl-5-phenylimidazolinedione-2,4-dione)	-	>8600	-	-	-	-	-	-
279	Fenamidone degradate RPA-412708 ((5S)-3,5-dihydro-5-methyl-2-(methylthio)-5-phenyl-4H-imidazole-4-one)	>18700	>49000	-	-	-	-	-	-
280	Fenamidone degradate RPA-413255 ((5S)-3,5-methyl-2-(methylthio)-3-[(2-nitrophenyl)amino]-5-phenyl-4Himidazole-4-one)	-	>1000	-	-	-	-	-	-
281	Fenamiphos	-	0.95	-	0.12	-	3.1	-	-
282	Fenarimol	100	450	100	113	-	-	-	-
283	Fenazaquin	-	1.95	-	0.96	-	2.5	-	-
284	Fenazaquin degradate 2-(4-Tert-Butylphenyl) Ethanol	-	6650	-	-	-	-	-	-
285	Fenazaquin degradate Fenazaquin propionic acid	-	376.5	-	-	-	-	-	-
286	Fenbuconazole	-	340	-	27	-	315	-	19.2
287	Fenbutatin-oxide	-	0.85	-	0.31	-	0.185	-	3.8
288	Fenhexamid	-	670	-	101	-	2300	-	-
289	Fenitrothion	-	2.15	-	0.087	-	0.75	-	-
290	Fenoxaprop-ethyl	-	155	100	560	-	55	-	88
291	Fenoxaprop-p-ethyl	-	230	-	44	-	-	-	-
292	Fenoxaprop-p-ethyl degradate (AE F046360) ((+)-ethyl 2-[4-[(6-chloro-2-benzoxazolyl)oxy]phenoxy]propanoate)	-	230	-	44	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal		Plant	Animal		Plant	Animal		Plant	Animal	
293	Fenoxaprop-p-ethyl Degradate [AE F096918] (2-(4-hydroxyphenoxy)propanoate)	14000	>92800	-	-	<310	-	-	-	-	-	-	
294	Fenoxaprop-p-ethyl degradate AE F054014 (Chlorobenzoxazolone)	-	3300	-	-	-	-	-	-	-	-	-	
295	Fenoxaprop-p-ethyl degradate AE F088406 (Fenoxaprop-p acid)	-	7100	-	-	340	-	-	-	-	-	-	
296	Fenoxaprop-p-ethyl degradate AE F096918 (2-(4-hydroxyphenoxy)propanoate)	14000	>92800	-	-	<310	-	-	-	-	-	-	
297	Fenoxaprop-p-ethyl Degradate Chlorobenzoxazolone [AE F054014]	-	3300	-	-	-	-	-	-	-	-	-	
298	Fenoxaprop-p-ethyl Degradate Fenoxaprop-p acid (AE F088406)	-	7100	-	-	340	-	-	-	-	-	-	
299	Fenoxycarb	-	200	-	0.0016	-	-	75	-	-	-	-	
300	Fenprothrin	-	0.001525	-	<0.0015	-	-	0.0105	-	-	0.81	-	
301	Fenpyrazamine	11	2600	4.9	340	-	-	136.5	-	-	<39	-	
302	Fenpyrazamine degradate-2-Cyano-N-isopropyl-2-(otolyl)acetamide (MCNI)	-	>25000	-	-	-	-	-	-	-	-	-	
303	Fenpyrazamine degradate- 5-Amino-2-isopropyl-4-(o-tolyl)-1H-pyrazol-3-one(S-2188-DC)	-	>44500	-	-	-	-	-	-	-	-	-	
304	Fenpyrazamine degradate- 5-Amino-4-hydroxy-2-isopropyl-4-(o-tolyl)pyrazol-3-one(S-2188-OH)	-	>48500	-	-	-	-	-	-	-	-	-	
305	Fenpyroximate	-	0.365	-	0.11	-	-	1.65	-	-	0.78	-	
306	Fenpyroximate degradate M-3 ((E)-4-[(1,3-dimethyl-5-phenoxy-pyrazol-4-yl)methylene-aminoxy-methyl]-benzoic acid)	-	3100	-	-	-	-	-	-	-	-	-	
307	Fenthion	-	2.6	-	0.013	-	-	0.11	-	-	7.5	-	
308	Ferbam	-	36.5	-	1.9	-	-	35	-	-	1.6	-	
309	Fipronil	-	0.11	-	0.011	-	-	0.07	-	-	0.24	-	
310	Fipronil degradate fipronil desulfinyl (MB46513)	-	10	-	0.53	-	-	0.75	-	-	0.019	-	
311	Fipronil degradate fipronil sulfide (MB45950)	-	15.4	-	0.83	-	-	0.038	-	-	0.03	-	
312	Fipronil degradate fipronil sulfone (MB46136)	-	12.5	-	<0.22	-	-	0.028	-	-	0.024	-	
313	Flazasulfuron	0.076	-	-	-	-	-	-	-	-	-	-	
314	Fonicamid	-	>49000	-	3000	-	-	60000	-	-	-	-	

Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
	Acute			Chronic			Acute			Chronic		
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
335												
Fluensulfone degradate Methyl Sulfone	2500	17500	-	-	-	-	-	-	-	-	-	-
336												
Fluensulfone degradate Thiazole Sulfonic Acid	4400	>60500	-	-	-	-	-	-	-	-	-	-
337												
Flufenacet	2.45	1130	0.44	75	-	-	-	-	-	1360	-	49
338												
Flufenacet degradate thiadone (5-(Trifluoromethyl)-1,3,4-thiadiazol-2(3H)-one)	-	4200	-	-	-	-	-	-	-	-	-	-
339												
Fluindapyr	-	55	-	31	-	-	-	-	-	165	-	67
340												
Flumetralin	>1.47	11.5	0.185	0.77	-	-	-	-	-	46.5	-	-
341												
Flumetsulam	3.1	127000	0.36	111000	-	-	-	-	-	>174500	-	-
342												
Flumiclorac-pentyl	>35	>94.5	35	670	-	-	-	-	-	280	-	-
343												
Flumiclorac-pentyl degradate Flumiclorac acid (JMCA)	>35	-	-	670	-	-	-	-	-	-	-	-
344												
Flumioxazin	0.49	1150	0.022	0.51	-	-	-	-	-	115	-	1.1
345												
Flumioxazin degradate- 482-HA (2-[7-fluoro-3-oxo-4-prop-2-ynyl-1,4-benzoxazin-6-yl]carbamoyl)cyclohexene-1-carboxylic acid)	6.9	>18000	-	-	-	-	-	-	-	-	-	-
346												
Flumioxazin degradate- APF (6-Amino-7-fluoro-4-prop-2-ynyl-1,4-benzoxazin-3-one)	>10800	120000	2790	-	-	-	-	-	-	-	-	-
347												
Flumioxazin degradate- THPA-2Na (Cyclohexene-1,2-dicarboxylic acid)	>9670	120000	9670	-	-	-	-	-	-	-	-	-
348												
Fluometuron	30	110	1.6	38	-	-	-	-	-	1900	-	1800
349												
Fluopicolide	-	174.5	-	151	-	-	-	-	-	205	<1.4	-
350												
Fluopicolide degradate- 3-chloro-5-trifluoromethylpyridine-2-carboxylic acid	-	51000	-	-	-	-	-	-	-	-	-	-
351												
Fluopicolide degradate- BAM (2,6-dichlorobenzamide)	>10000	92050	-	10000	-	-	-	-	-	-	-	-
352												
Fluopyram	-	>890	-	135	-	-	-	-	-	>255	-	-
353												
Fluoxastrobin	-	60	-	45	-	-	-	-	-	25.8	-	-
354												
Fluridone	-	2550	-	480	-	-	-	-	-	2300	-	-
355												
Fluroxypyr	-	7150	-	-	-	-	-	-	-	25500	-	-
356												
Fluroxypyr-MHE ((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl) oxy) acetic acid 1-methylheptyl ester 2-Octanyl [(4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy]acetate)	56	>300	-	60.5	-	-	-	-	-	34	-	-

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
357	Fluroxypyr-MHE degradate Fluroxypyr Acid	-	7150	-	3000	-	-	-	-
358	Flurprimidol	8.5	5900	0.89	939	-	-	-	-
359	Flutianil	120	>395	-	2.24	-	>9.5	-	70
360	Flutolanil	>800	1250	-	220	-	65	-	-
361	Flutriafol	780	16500	18	310	460	17450	300	-
362	Fluxapyroxad	-	145	15	22	-	480	-	27000
363	Folpet	-	7.5	-	8.8	-	30	-	-
364	Folpet degradate Phthalimide	-	7350	-	1500	-	6050	-	-
365	Fomesafen	92	63000	10	9400	-	12500	-	12200
366	Foramsulfuron	0.65	50000	0.36	10500	-	>46800	-	-
367	Forchlorfenuron	>900	2650	900	-	>16	-	16	-
368	Formetanate HCl	-	45	-	0.5	-	1150	-	-
369	Fosamine Ammonium	>21000	188500	<21000	-	>15000	>64000	15000	-
370	Fosetyl-Aluminum	-	41700	-	8000	780	925	320	-
371	Posthiazate	-	130	-	61	-	214.5	-	-
372	Gamma-cyhalothrin	-	0.00004	-	0.00193	-	-	-	-
373	Glufosinate	72	156000	41	31000	-	3750	-	-
374	Glufosinate ammonium	72	156000	41	31000	-	3750	-	-
375	Glufosinate degradate 2-acetamido-4-methylphosphinico-butanoic acid (NAG)	-	>50450	-	-	-	-	-	-
376	Glufosinate degradate 2-methylphosphinico-acetic acid (MPA)	-	18500	97200	-	-	-	-	-
377	Glufosinate degradate 3-methylphosphinopropionic acid (MPP)	-	21000	-	<6430	-	-	-	-
378	Glufosinate degradate Methylphosphinicoformic acid (MPF)	-	>49100	-	-	-	-	-	-
379	Glyphosate	11900	21500	-	25700	-	20000	-	-
380	Glyphosate degradate aminomethyl phosphoric acid (AMPA)	-	249500	-	-	-	-	-	-
381	Glyphosate isopropylamine salt	-	34700	-	-	-	-	-	-
382	Halauxifen-methyl	0.135	1005	8E-06	22	-	>650	-	2.76
383	Halauxifen-methyl X11406790 degradate (Methyl 4-amino-3-chloro-6-(4-chloro-2-fluoro-3-hydroxyphenyl)pyridine-2-carboxylate)	>100	>12500	100	-	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
384	Halauxifen-methyl X11449757 degradate (4-Amino-3-chloro-6-(4-chloro-2-fluoro-3-hydroxyphenyl)-pyridine-2-carboxylic acid)	>100	>57500	100	8900	-	-	-	-
385	Halauxifen-methyl XDE-729 acid degradate (Methyl-4-amino-3-chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)-2-pyridinecarboxylate)	0.58	>53000	0.185	11800	-	-	-	-
386	Halohydantoin	-	200	-	-	-	460	-	-
387	Halohydantoin degradate DMH (5,5-dimethylhydantoin)	-	>486000	-	12700	-	>503	-	-
388	Halosulfuron-methyl	0.042	-	-	-	-	-	-	-
389	Hexaflumuron	-	0.0555	-	-	-	-	-	-
390	Hexazinone	37.4	63000	26	17000	7	39000	4	-
391	Hexythiazox	-	>60	-	6.1	-	>55	-	-
392	Hydramethylnon (synonym: Pyrimidone)	-	45	-	-	-	27.2	-	-
393	Hydrogen Cyanamide	370	1650	90	100	-	1150	-	-
394	Hydrogen peroxide	-	12000	210	>200000	-	325	-	140
395	Hymexazol	7900	15400	1100	-	-	-	-	-
396	Imazamox	8	>59500	4.5	-	-	>47000	-	-
397	Imazapic acid	6.22	>50000	2.58	96000	>44.1	>48850	44.1	-
398	Imazapyr	24	>50000	10	43100	-	>66000	-	-
399	Imazapyr isopropylamine salt (IPA)	18	-	11	-	-	-	-	-
400	Imazaquin	-	140000	-	-	-	-	-	-
401	Imazethapyr (ammonium salt)	8.1	120000	2.8	97000	-	>54500	-	-
402	Imazethapyr CL266858 (5-Hydroxy-2-(4-isopropyl-4-methyl-5-oxo-4,5-dihydro-1H-imidazol-2-yl)nicotinic acid)	11870	188500	<5970	-	-	-	-	-
403	Imazethapyr CL271197 (5-Ethyl 2,3-pyridinedicarboxylic acid)	>101	>50000	49.8	-	-	-	-	-
404	Imazethapyr CL290084 (5-Ethyl 3-pyridinecarboxylic acid)	37.14	>50000	23.54	-	-	-	-	-
405	Imazosulfuron	1.46	>34500	-	840	-	31500	-	-
406	Imazosulfuron degradate (IPSN) (2-chloroimidazo[1,2- <i>a</i>]pyridin-3-sulfonamide)	>113000	-	-	11000	-	-	-	-
407	Imidacloprid	-	0.385	-	0.01	-	16.5	-	6420

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
428	Kresoxim-methyl degradate (BF490-1) ((E)-2-[2-(2-methylphenoxy)methyl]-phenyl-2-(methoxyimido)acetic acid)	-	>50000	-	-	-	-	-	-
429	Lactofen	23	230	-	1.4	0.44	10	0.057	-
430	Lambda-cyhalothrin	-	0.00004	-	0.00022	-	0.0025	-	0.25
431	Lindane* (gamma HCH)	-	0.5	-	2.9	-	0.0385	-	-
432	Linuron	2.5	60	-	0.09	-	>445	-	357
433	L-lactic Acid	-	120000	-	-	-	-	-	-
434	Magnesium Chloride	6800	13500	-	-	-	-	-	-
435	Malathion	-	0.049	-	0.06	-	1.1	-	7.4
436	Maleic Hydrazide Acid	-	53750	-	9600	-	>51500	-	-
437	Mancozeb	47	455	-	1.35	-	0.8	-	-
438	Mandipropamid	-	2200	-	76	-	455	-	-
439	Mandipropamid degradate- CGA 380778 (4-chloro-alpha-hydroxy-N-[2-[3-methoxy-4-(2-propynyloxy)phenyl]ethyl]-)	16000	188500	2400	-	-	-	-	-
440	Maneb	13.4	21	5	6.1	-	1.5	-	-
441	MCPA acid (2-methyl-4-chlorophenoxyacetic acid)	170	-	-	-	-	-	-	-
442	MCPA DMAS (diethylamine 2 -methyl)	130	41000	-	11000	-	5300	-	-
443	MCPA EHE (2-ethylhexyl 2-methyl-4-chlorophenoxyacetate)	20	90	-	-	-	65	-	-
444	MCPA sodium salt (4-chloro-o-tolyloxyacetic acid, sodium salt)	-	>34000	-	-	-	2450	-	-
445	MCPB (4-(4-Chloro-2-methylphenoxy)butanoic acid)	200	1960	510	<530	-	28200	-	4950
446	MCPB sodium salt (Sodium 4-(4-chloro-O-tolyloxy)butyrate)	200	1960	-	<530	-	-	-	-
447	Mecoprop-p acid (MCP-p)	10	>46500	-	50000	14	-	-	-
448	Mecoprop-p degradate 2-methyl-4-chlorophenol	-	145	-	-	-	-	-	-
449	Mecoprop-p DMAS (N-Methylmethanamine (2R)-2-(4-chloro-2-methylphenoxy)propanoate)	1300	188500	<400	-	14	-	<9	-

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
450	Mefenoxam	-	26900	-	-	1200	-	-	-	4850	-	-	9100
451	Mefenitruconazole	-	268	-	-	7.4	-	-	378	-	-	147	
452	Mepiquat Chloride/Mepiquat Pentaborate	>184	25400	-	-	12500	-	-	6300	-	-	-	
453	Mesosulfuron-methyl	0.64	>45100	0.19	-	1700	-	-	>50000	-	-	-	
454	Mesosulfuron-methyl degradate (F092944) (2-Amino-4,6-dimethoxy-pyrimidine)	-	48500	-	-	24000	-	-	-	-	-	-	
455	Mesosulfuron-methyl degradate (F147447) (6-Methanesulfonamidomethyl-1,2-benzisothiazol-3(2H)-one 1,1-dioxide)	>90900	-	90900	-	-	-	-	-	-	-	-	
456	Mesosulfuron-methyl degradate (F160459) (Methyl 2-[3-(4-hydroxy-6-methoxy-pyrimidin-2-yl)ureidosulfonyl]-4-methanesulfonamidomethyl benzoate)	1500	-	290	-	-	-	-	-	-	-	-	
457	Mesosulfuron-methyl degradate (F160460) (2-[3-(4-hydroxy-6-methoxy-pyrimidin-2-yl)ureidosulfonyl]-4-methanesulfonamidomethyl-benzoic acid)	>94710	-	94710	-	-	-	-	-	-	-	-	
458	Mesotrione	4.8	>60000	-	-	3055	-	-	1650	-	-	-	
459	Mesotrione degradate 2-amino-4-methylsulfonylbenzoic acid (AMBA)	8900	75000	-	-	-	-	-	-	-	-	-	
460	Mesotrione degradate 2-nitro-4-methylsulfonylbenzoic acid (MNBA)	-	>60000	-	-	-	-	-	-	-	-	-	
461	Metaxyl	-	14000	-	-	1200	-	-	8800	-	-	9100	
462	Metalddehyde	22100	34500	11800	-	37500	-	-	6450	-	-	-	
463	Metam sodium and Metam potassium degradate-Methyl isothiocyanate (MITC)	-	18.05	-	-	25	-	-	-	-	-	-	
464	Metconazole	22	1650	-	-	2.9	-	-	390	-	-	11	
465	Methamidophos	-	13	-	-	4.5	-	-	527	50000	-	-	
466	Methanearsonic Acid, disodium salt DSMA	1500	>56000	20500	-	-	-	-	-	-	-	-	
467	Methanearsonic Acid, sodium salt MSMA	2800	6650	29000	-	-	-	-	40	-	-	-	
468	Methidathion	-	1.1	-	-	0.66	-	-	-	-	-	-	
469	Methiocarb	-	2.75	-	-	50	-	-	-	-	-	-	
470	Methiozolin	7	650	<0.96	-	117	-	-	185	-	-	74	
471	Methomyl	-	4.4	-	-	0.6	-	-	24.5	-	-	-	

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
472	Methoprene	-	165	-	-	48	-	-	-	-	-	-	-
473	Methoxychlor	-	0.7	-	-	-	-	-	-	1.8	-	-	-
474	Methoxyfenozide	-	28.5	-	-	3.1	-	-	-	600	-	-	1500
475	Methyl Bromide*	-	1300	-	-	-	-	-	-	-	-	-	-
476	Methyl bromide degradate- bromide ion (Br-)	2500000	2900000	-	-	7800	-	-	-	-	-	-	-
477	Methyl paraoxon	-	1.15	-	-	0.25	-	-	-	-	-	-	1
478	Methyl parathion	-	0.485	-	-	0.25	-	-	-	-	-	-	-
479	Metofluthrin	-	0.6	-	-	0.71	-	-	-	-	-	-	-
480	Metolachlor	8	1600	1.5	30	800	-	-	-	-	-	-	130
481	Metolachlor ethane sulfonic acid	-	24000	4000	-	-	-	-	-	-	-	-	-
482	Metolachlor oxamiliic acid	-	7700	29300	-	-	-	-	-	-	-	-	-
483	Metrafenone	-	>255	>179	204	170	-	-	-	-	-	-	22
484	Metrafenone degradate- CL 375816 (2-methyl-3-bromo-6-methoxy-benzoic acid)	-	49500	101900	-	-	-	-	-	-	-	-	-
485	Metrafenone degradate- CL 4084564 ((3-hydroxy-6-methoxy-2-methylphenyl) (2, 3, 4-trimethoxy-6-methylphenyl) methanone)	-	7900	9900	-	-	-	-	-	-	-	-	-
486	Metribuzin	8.1	2100	2.3	1290	20350	-	-	-	-	-	-	-
487	Metsulfuron-methyl	0.36	>75000	0.16	4500	-	-	-	-	-	-	-	-
488	MGK-264 (N-octyl bicycloheptene dicarboximide and 2-ethylhexyl bicycloheptene dicarboximide)	-	4	-	8	193.5	-	-	-	-	-	-	-
489	MIT/CMIT (2-Methyl-4-isothiazolin-3-one)	23	35	-	20	14	-	-	-	-	-	-	-
490	Molinate	-	105	170	340	380	-	-	-	-	-	-	25.6
491	Momfluorothrin	-	0.6	-	3.1	-	-	-	-	-	-	-	-
492	Monosodium Methane arsonate (MSMA)	5630	38500	-	10000	80000	-	-	-	-	-	-	-
493	Myclobutanil	-	1200	-	220	120	-	-	-	-	-	-	85.6
494	Myclobutanil degradate - 1,2,4-triazole	6300	>49050	3100	3200	-	-	-	-	-	-	-	-
495	Myclobutanil degradate - 1,2,4-triazole acetic acid	-	>50500	-	-	-	-	-	-	-	-	-	-
496	Nabam	-	850	-	-	10	-	-	-	-	-	-	-
497	Nabam degradate EU (ethylene urea)	-	>61000	-	-	-	-	-	-	-	-	-	-
498	Naled	-	0.0575	-	0.01	3.3	-	-	-	-	-	-	0.84
499	Napropamide	350	6000	-	1100	700	-	-	-	-	-	-	190
500	Nicarbazin degradate HDP (4,6-Dimethyl-2-hydroxypyrimidine)	350	>53500	70.7	-	700	-	-	-	-	-	-	190

Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
	Acute		Chronic		Acute		Chronic	
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
501	-	>34.5	-	-	-	-	-	-
502	-	15	-	56	-	-	-	-
503	-	>500000	-	43000	-	-	-	-
504	-	16925	-	-	-	-	-	-
505	-	1100	-	103	-	165	-	<160
506	6.03	4050	5.33	770	-	1900	-	475
507	-	0.075	-	0.03	-	0.065	-	0.026
508	-	245	-	64	-	-	-	-
509	-	265	-	170	-	145	-	18
510	0.61	23.5	<0.143	32	-	>28.5	-	-
511	0.7	>48650	0.26	6100	80	>48500	21	27000
512	13	750	-	220	-	142.5	-	99.4
513	41	600	-	0.88	5.2	135	-	1.1
514	-	90	4.6	27	-	50	-	7
515	>140	>280	140	460	-	>165	-	58
516	-	>50000	102000	-	-	-	-	-
517	-	>33850	66400	-	-	-	-	-
518	-	>75	210	-	-	-	-	-
519	-	2570	720	-	-	-	-	-
520	810	3270	480	-	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
521	Oxathiapiprolin degradate IN-RAB06 (1-[2-[4-[4-[5-(2,6-Difluorophenyl)-4,5-dihydro-3-isoxazolyl]-2-thiazolyl]-1-piperidinyl]-2-oxoethyl]-3-(trifluoromethyl)-1H-pyrazole-5-carboxylic acid)	-	>24850	96900	-	-	-	-	-	-	-	-	-
522	Oxathiapiprolin degradate IN-RDT31 (1-[4-[4-[5-(2,6-Difluorophenyl)-4,5-dihydro-3-isoxazolyl]-2-thiazolyl]-4-hydroxy-1-piperidinyl]-2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanone)	-	>5250	1070	-	-	-	-	-	-	-	-	-
523	Oxathiapiprolin degradate IN-RSE01 (3-(2,6-Difluorophenyl)-3-hydroxy-1-[2-[1-[2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]acetyl]-4-piperidinyl]-4-thiazolyl]-1-propanone)	-	>4920	-	-	-	-	-	-	-	-	-	-
524	Oxathiapiprolin degradate IN-RYJ52 (1-[4-[4-[(1S,3S)-3-(2,6-Difluorophenyl)-1,3-dihydroxypropyl]-2-thiazolyl]-1-piperidinyl]-2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanone)	-	>6900	50	-	-	-	-	-	-	-	-	-
525	Oxathiapiprolin degradate IN-S2K66 (1-[4-[4-[3-(2,6-Difluorophenyl)-1-hydroxypropyl]-2-thiazolyl]-1-piperidinyl]-2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanone)	-	210	4270	-	-	-	-	-	-	-	-	-
526	Oxathiapiprolin degradate IN-S2K67 (1-[4-[4-(1-Hydroxyethyl)-2-thiazolyl]-1-piperidinyl]-2-[5-methyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]ethanone)	-	29600	280	-	-	-	-	-	-	-	-	-
527	Oxy-carboxin	370	9950	110	-	-	-	-	-	-	3550	-	-
528	Oxydemeton-Methyl	-	95	-	5	-	-	-	-	-	600	-	-
529	Oxyfluorfen	0.33	100	-	1.3	1.1	-	-	-	-	5.5	-	4.09
530	Oxypyrimidine (diazinon degradate)	-	>50500	-	-	-	-	-	-	-	-	-	-
531	Oxytetracycline	125	>28200	28.8	8850	-	-	-	-	-	>42750	1200	-
532	Oxytetracycline (hydrochloride salt)	-	>47450	-	-	-	-	-	-	-	-	-	-
533	Paclitaxel	8	120	<0.75	9	-	-	-	-	-	120	-	4

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
610	Pyrifluquinazon degradate IV-02 (1,2,3,4-tetrahydro-3-[(3-pyridylmethyl)amino]-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethoxy]quinazolin-2-one)	-	0.55	-	-	-	-	-	-
611	Pyrifluquinazon degradate IV-203 (1,2,3,4-tetrahydro-6-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]quinazolin-2,4-dione)	-	>395	-	-	-	-	-	-
612	Pyrimethanil	-	1500	-	20	-	1400	-	250
613	Pyrimethanil Degradate 2-amino-4,6-dimethylpyrimidine	-	>48500	-	-	-	-	-	-
614	Pyriofenone	-	>575	56	89.2	-	396	-	<32
615	Pyriproxyfen	>0.18	>165	-	0.015	-	32.5	-	0.81
616	Pyroxasulfone	0.38	>1100	-	>1900	-	700	-	-
617	Pyroxulam	2.57	>43500	0.68	10100	-	-	-	-
618	Quinclorac	>500	15150	500	16000	-	34700	500	-
619	Quinoxifen	30	41.5	-	13	-	36	-	1.2
620	Quinoxifen degradate "2-Oxo-quinoxifen"	-	>250	-	-	-	-	-	-
621	Quinoxifen degradate "DCHQ" (5,7-Dichloroquinolin-4-ol)	-	>250	-	-	-	-	-	-
622	Quizalofop ethyl	>82.8	230	-	11	-	75	-	-
623	Quizalofop-p-ethyl	34.5	175	-	10	-	0.075	-	0.083
624	Resmethrin	-	0.14	-	0.32	-	0.115	-	1.9
625	Rimsulfuron	11.6	>195000	-	-	-	>55	-	-
626	Rotenone	-	0.97	-	1.01	-	6	-	-
627	Saflufenacil	42	6800	10	997	-	>3040	-	-
628	Sethoxydim	210	39050	93	4860	>250	>54500	250	15100
629	Siduron	21	4050	-	6	-	>3250	-	4.6
630	Simazine	6	500	-	40	-	497.5	-	63
631	S-Metolachlor	8	1600	-	30	-	800	-	130
632	Sodium Acifluorfen	-	8500	-	<3400	-	1900	-	-
633	Sodium Arsenic	-	2445	-	370	-	-	-	-
634	Sodium Chlorate	810	460000	-	500000	-	>500000	-	-
635	Sodium cyanide	-	94	-	-	-	-	-	-
636	Sodium fluoroacetate	-	27000	-	-	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
637	Sodium percarbonate	-	6000	-	-	6900	-	-	-	-	-	-	-
638	Sodium Pyrrithione	-	11	-	-	-	-	-	-	-	-	-	-
639	Sodium Tetrathiocarbonate	-	3300	9980	-	-	-	-	-	-	-	-	-
640	Sodium tetrathiocarbonate degradate carbon disulfide	-	430	-	-	-	-	-	-	-	-	-	-
641	Spinosad	90	2970	-	0.6	150	-	150	-	84.2	-	-	-
642	Spirodiclofen	-	>17.5	-	1.95	>17.6	-	>17.6	-	-	-	-	-
643	Spirodiclofen degradate - BAI 2740-enol (3-(2,4-Dichlorophenyl)-4-hydroxy-1-oxaspiro[4.5]dec-3-en-2-one)	-	>36500	-	115	-	-	-	-	190	-	-	-
644	Spiromesifen	-	8.4	-	0.25	>23.15	-	>23.15	-	10.6	-	-	-
645	Spiromesifen Degradate Spiromesifen-enol	-	>50500	-	186	>13	-	>13	-	-	-	-	-
646	Spirotetramat	-	330	-	100	360	425	124	-	-	-	-	-
647	Spirotetramat enol degradate (cis-3-(2,5-Dimethylphenyl)-4-hydroxy-8-methoxy-1-azaspiro[4.5]dec-3-en-2-one)	5400	37450	950	-	-	-	-	-	-	-	-	-
648	Spirotetramat keto hydroxy degradate (cis-3-(2,5-Dimethylphenyl)-3-hydroxy-8-methoxy-1-azaspiro[4.5]decan-2,4-dione)	-	>50000	-	-	-	-	-	-	-	-	-	-
649	Streptomycin Sulfate	7	21000	1000	12200	-	-	-	-	-	-	-	-
650	Strychnine	-	380	-	-	-	-	-	-	-	-	-	-
651	Sulfentrazone	28.8	30200	16	200	500	-	500	-	-	-	-	-
652	Sulfometuron-methyl	0.45	>74000	0.207	97000	>19100	-	>19100	-	-	-	-	-
653	Sulfosulfuron	1	>46800	0.49	100000	>50500	-	>50500	-	5730	-	-	-
654	Sulfoxaflor	81200	>100000	-	660	320	-	320	-	110	-	-	-
655	Sulfoxaflor degradate- N-(methyl(oxido) {1-[6-(trifluoromethyl) pyridin-3-yl]ethyl}-λ4-sulfanylidene) urea	-	>102500	-	-	-	-	-	-	-	-	-	-
656	Sumithrin (synonym: d-phenothrin)	-	2.2	-	0.47	0.0125	-	0.0125	-	0.0026	-	-	-
657	Tau-Fluvalinate	-	0.175	-	0.064	0.003	-	0.003	-	0.036	-	-	-
658	TCMTB (2-(Thiocyanomethylthio)benzothiazole)	-	4.35	-	0.15	2.7	10.15	10.15	-	1.02	-	-	-
659	TCMTB (2-(Thiocyanomethylthio)benzothiazole) degradate 2-MBT	-	365	-	310	810	-	810	-	-	-	-	-
660	Tebuconazole	151	1135	-	11	170	245	245	-	19	-	-	-

Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
	Acute			Chronic			Acute			Chronic		
	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
661	Tebufenozide	>740	1500	-	29	-	-	252.5	-	-	<22	
662	Tebupirimphos	-	0.039	-	0.011	-	-	3.315	-	-	0.118	
663	Tebuthiuron	50	53000	13	9300	-	-	31150	-	-	4560	
664	Tefluthrin	-	0.03	-	0.004	-	-	0.0265	-	-	-	
665	Telone	-	45	-	2.3	-	-	320	-	-	1.8	
666	Telone (1,3-D) Degradate 3-chloroacrylic acid	220	27500	23	2530	-	-	-	-	-	-	
667	Telone (1,3-D) Degradate 3-chloroallyl alcohol	-	493	42	-	248	-	-	71	-	-	
668	Tembotrione	5.2	24450	-	6.41	-	-	50	-	-	6	
669	Temephos	-	5	-	-	-	-	2.65	-	-	-	
670	Terbacil	11	23100	7.1	50	-	-	>2075	-	-	43	
671	Terbufos	-	0.085	-	0.03	-	-	0.11	-	-	0.041	
672	Terbutylazine	-	1800	-	-	-	-	46	-	-	-	
673	Tetrachlorvinphos	-	0.95	-	0.125	-	-	140	-	-	-	
674	Tetraconazole	310	1315	-	80	-	-	220	-	-	87	
675	Tetramethrin	-	1.85	-	-	-	-	-	-	-	-	
676	Tetraniliprole	-	71.5	-	12.5	-	-	870	-	-	580	
677	Tetraniliprole degradate BCS-CL73507-amide (BCS-CR60014)	-	>4950	7950	-	-	-	-	-	-	-	
678	Tetraniliprole degradate BCS-CL73507-deschloro-pyrazine (BCS-CY28897)	-	>4870	-	-	-	-	-	-	-	-	
679	Tetraniliprole degradate BCS-CL73507-desmethyl-amide-carboxylic-acid (BCS-CU81055)	-	>5300	7951	-	-	-	-	-	-	-	
680	Tetraniliprole degradate BCS-CL73507--N-methyl-quinazolinone-amide (BCS-CT30672)	-	>1120	-	-	-	-	-	-	-	-	
681	Tetraniliprole degradate BCS-CL73507-N-methyl-quinazolinone-carboxylic acid (BCS-CT30673)	-	>4520	1030	-	-	-	-	-	-	-	
682	Tetraniliprole degradate BCS-CL73507-pyrazole-5-carboxylic acid (BCS-CY28906)	-	>1310	-	-	-	-	-	-	-	-	
683	Tetraniliprole degradate BCS-CI.75307-deschloro-oxazine (BCS-CY28900)	-	>550	-	-	-	-	-	-	-	-	
684	Tetraniliprole degradate BCS-CQ63359 (Tetraniliprole quinazolinone)	-	426	-	-	-	-	-	-	-	-	
685	Tetraniliprole degrade BCS-CL73507-carboxylic acid (BCS-CR74541)	-	>4500	<583	-	-	-	-	-	-	-	

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
686	Thiabendazole	-	155	-	42	-	170	-	46
687	Thiacloprid	-	18.9	-	0.97	-	15.65	-	1.1
688	Thiacloprid amide	-	15600	-	100	-	-	-	-
689	Thiacloprid sulfonic acid	-	>47550	100000	-	-	-	-	-
690	Thiamethoxam	-	17.5	-	0.74	-	3450	-	1100
691	Thiencarbazone-methyl	0.8	>49300	0.21	3540	-	>47000	-	<5900
692	Thifensulfuron-methyl	1.59	>50000	1.59	-	-	-	-	-
693	Thiobencarb	17	50	-	1	-	75	-	3.2
694	Thiodicarb	-	3.395	-	0.7	-	117	-	29.1
695	Thiophanate methyl	930	2700	430	-	-	550	110	-
696	Thiophanate methyl degradate Carbendazim (HOE 017411)	-	3.7	-	0.99	-	49	-	24.8
697	Thiram	-	21	-	1.1	-	5.5	-	0.93
698	Tiafenacil	5	>37750	1	16	-	325	-	86
699	Tioxazaifen	-	45.5	-	5.9	-	42	-	42
700	Tioxazafen degradate 3-Theinyl 102100 (MON 102130)	-	18.5	123	-	-	-	-	44
701	Tolclofos-methyl	-	345	-	<12	-	105	-	3.9
702	Tolclofos-methyl degradate- O-methyl O-(2,6-dichloro-4-methylphenyl)hydrogen phosphorothioate(DM-TM)	-	>47500	12000	>95000	-	-	-	2100
703	Tolfenpyrad	-	0.0815	-	0.188	-	1.69	-	0.186
704	Tolfenpyrad degradate PAM (4-Chloro-3-ethyl-1-methyl-1H-pyrazol-5-carboxamide)	-	>5000	-	-	-	1690	-	186
705	Tolfenpyrad degradate PCA (4-chloro-3-ethyl-1-methylpyrazole-5-carboxylic acid)	-	>4850	-	-	-	-	-	-
706	Tolfenpyrad degradate PC-TA	-	470	-	-	-	-	-	-
707	Tolfenpyrad degradate PT(A)-4OH (4-chloro-3-ethyl-N-(4-hydroxybenzyl)-1-methylpyrazol-5-carboxamide)	-	1550	-	-	-	-	-	-

	Pesticide	Freshwater Benchmarks (µg / L)				Estuarine/Marine Benchmarks (µg / L)			
		Acute		Chronic		Acute		Chronic	
		Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
708	Tolfenpyrad degradate PT-CA (4-[4-[4-chloro-3-ethyl-1-methylpyrazol-5-yl]carbonylaminomethyl]phenoxy]benzoic acid)	-	320	-	-	-	-	-	-
709	Tolpyralate	6.67	>9500	0.99	303	232	336	191	-
710	Tolpyralate degradate MMTA (3-(2-methoxyethoxy)-2-methyl-4-(methylsulfonyl)benzoic acid)	37100	>50500	3060	-	-	-	-	-
711	Tolpyralate degradate MT-2153 (1-ethyl-4-[4-methanesulfonyl-3-(2-methoxyethoxy)-2-methylbenzoyl]-1H-pyrazol-5-ol)	2.14	>52000	<0.481	-	-	-	-	-
712	Topramezone	28.6	>14190	1	<248	-	900	-	36
713	Topramezone primary degradate (M670H05) (3-(4,5-Dihydro-isoxazol-3-yl)-4-methanesulfonyl-2-methyl-benzoic acid)	360	>50000	6.7	-	-	-	-	-
714	Tralkoxydim	2600	>3750	580	2100	-	-	-	-
715	Tralomeethrin	-	0.0195	-	0.0044	-	0.4225	-	0.00051
716	Transfluthrin	-	0.355	-	0.0357	-	-	-	-
717	Triadimefon	-	800	-	41	-	1950	-	<26
718	Triadimefon degradate triadimenol	-	1250	320	1340	-	-	-	-
719	Triallate	21	45.5	-	14	-	105	-	2.3
720	Triasulfuron	190	>50000	<0.1	68600	-	10750	-	<13000
721	Triazine DACT degradate (2,3-diamino-6-chloro-s-triazine)	-	>50000	-	-	-	-	-	-
722	Triazine DEA degradate (des-ethyl atrazine)	1000	-	-	-	-	-	-	-
723	Triazine DIA degradate (des-isopropyl atrazine)	2500	8500	-	-	-	-	-	-
724	Triazine HA degradate (atrazine-2-hydroxy)	-	>1500	-	-	-	>950	-	-
725	Tribenuron-methyl	2	>50000	750	11800	-	66000	-	1510
726	Tribufos	-	2.7	-	1.56	-	5.765	-	0.26
727	Trichlorfon	-	0.0389	-	0.0057	-	9.55	-	1.48
728	Triclopyr Acid	32500	58500	<160	-	-	-	-	-
729	Triclopyr Butoxyethyl Ester (BEE)	100	175	2	26	-	1.24	-	10.9
730	Triclopyr degradate TCP (3,5,6-Trichloro-2-pyridinol)	2000	5200	-	58	-	4650	-	-

	Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
		Acute			Chronic			Acute			Chronic		
		Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal	Plant	Animal	Animal
731	Triclopyr Triethylamine salt (TEA)	4200	86000	1400	57700	-	20750	-	-	-	-	-	
732	Trifloxystrobin	-	7.15	-	2.76	-	4.31	-	-	-	-	-	
733	Trifloxystrobin degradate CGA-321113	-	>47650	-	3200	-	-	-	-	-	-	-	
734	Trifloxysulfuron-Sodium (CGA-362622) (Trifloxysulfuron-sodium [ISO] monohydrate)	0.24	>51500	0.01024	549	-	30050	-	-	-	-	9160	
735	Trifloxysulfuron-Sodium degradate- CGA 382997	-	>48350	-	-	-	-	-	-	-	-	-	
736	Trifloxysulfuron-Sodium degradate- CGA-368732	23000	>52000	6800	-	-	-	-	-	-	-	-	
737	Trifludimoxazin	0.115	>294	0.0143	10.07	-	185.5	-	-	-	-	2.7	
738	Trifludimoxazin Degradate M850H001 (1,3-dimethyl-5-[2,2,7-trifluoro-3-oxo-4-(prop-2-yn-1-yl)-3,4-dihydro-2H-1,4-benzoxazin-6-yl]-1,3,5-triazinane-2,4,6-trione)	3.78	>4775	0.813	-	-	-	-	-	-	-	-	
739	Trifludimoxazin Degradate M850H002 (1,5-dimethyl-6-thioxo-3-(2,2,7-trifluoro-3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)-1,3,5-triazinane-2,4-dione)	2.69	>2940	<0.5	-	-	-	-	-	-	-	-	
740	Trifludimoxazin Degradate M850I1004 (N,N-dimethyl-N'-[2,2,7-trifluoro-3-oxo-4-(prop-2-yn-1-yl)-3,4-dihydro-2H-1,4-benzoxazin-6-yl]dicarbonimidothioic-diamide)	8.31	>1096.5	0.5	-	-	-	-	-	-	-	-	
741	Triflumizole	140	290	<0.032	33	-	300	-	-	-	-	87	
742	Trifluralin	-	9.25	-	1.9	21.9	319.25	-	-	-	-	<1.3	
743	Trinexapac-ethyl	190	17500	18	410	-	3250	-	-	-	-	410	
744	Triphenyltin Hydroxide (TPTH)	-	3.55	-	0.065	-	2.15	-	-	-	-	<0.28	
745	Triptomide	-	180	-	-	-	-	-	-	-	-	-	
746	Triticonazole	-	>1150	-	12	350	1750	-	-	-	-	25	
747	Undecylenic Acid	39	6500	-	2000	-	4300	-	-	-	-	432	
748	Urea sulfate	11500	40000	-	-	-	-	-	-	-	-	-	
749	Valifenalate	>5050	>18450	-	<500	-	1400	106	-	-	-	-	
750	Valifenalate degradate "p-chlorobenzoic acid"	-	>55500	84000	-	-	1400	-	-	-	-	1900	
751	Valifenalate degradate "Valifenalate acid"	-	>48050	-	-	-	-	-	-	-	-	-	
752	Vinclozolin	>900	1420	-	60	-	-	-	-	-	-	-	
753	Warfarin	-	>8000	-	-	-	-	-	-	-	-	-	
754	Zeta-cypermetherin	-	0.0018	-	0.00059	-	0.00238	-	-	-	-	0.00078	

Pesticide	Freshwater Benchmarks (µg / L)						Estuarine/Marine Benchmarks (µg / L)					
	Acute			Chronic			Acute			Chronic		
	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal	Plant	Animal
755	-	1.3	-	1.2	0.65	2.35	-	-	-	-	-	2.2
756	-	24	-	1.4	-	7	-	-	-	-	-	1.2
757	10	78	-	3.48	-	38	-	-	-	-	-	7.2

Bruno Pigott,

Principal Deputy Assistant Administrator.

[FR Doc. 2024–31086 Filed 12–26–24; 8:45 am]

BILLING CODE 6560–50–C

ENVIRONMENTAL PROTECTION AGENCY

[FRL OP–OFA–158]

Environmental Impact Statements; Notice of Availability

Responsible Agency: Office of Federal Activities, General Information 202–564–5632 or <https://www.epa.gov/nepa>.

Weekly Receipt of Environmental Impact Statements (EIS)

Filed December 16, 2024 10 a.m. EST

Through December 20, 2024 10 a.m. EST

Pursuant to 40 CFR 1506.9.

Notice: Section 309(a) of the Clean Air Act requires that EPA make public its comments on EISs issued by other Federal agencies. EPA's comment letters on EISs are available at: <https://cdxapps.epa.gov/cdx-enepa-II/public/action/eis/search>.

EIS No. 20240241, Final, FHWA, WI, Interstate 39/90/94 Corridor, Contact: Lisa Hemesath 608–829–7503.

Under 23 U.S.C. 139(n)(2), FHWA has issued a single document that consists of a final environmental impact statement and record of decision. Therefore, the 30-day wait/review period under NEPA does not apply to this action.

EIS No. 20240242, Final, USAF, FL, Expansion of Childcare Services North of Eglin Test and Training Complex, Review Period Ends: 01/27/2025, Contact: Nick Post 210–925–3516.

EIS No. 20240243, Final, FERC, TN, Ridgeline Expansion Project, Review Period Ends: 01/27/2025, Contact: Office of External Affairs 866–208–3372.

Amended Notice:

EIS No. 20240214, Draft Supplement, USFWS, AK, Potential Land Exchange Involving Izembek National Wildlife Refuge Lands, Comment Period Ends: 02/13/2025, Contact: Bobbie Jo Skibo 907–441–1539.

Revision to FR Notice Published 11/15/2024; Extending the Comment Period from 12/30/2024 to 02/13/2025.

Dated: December 20, 2024.

Mark Austin,

Acting Director, NEPA Compliance Division, Office of Federal Activities.

[FR Doc. 2024–30976 Filed 12–26–24; 8:45 am]

BILLING CODE 6560–50–P

FEDERAL COMMUNICATIONS COMMISSION

[FR ID 270034]

Disability Advisory Committee; Re-Establishment

AGENCY: Federal Communications Commission.

ACTION: Notice of re-establishment of the Disability Advisory Committee.

SUMMARY: The Federal Communications Commission (Commission) hereby announces that the Disability Advisory Committee (hereinafter Committee) will be reestablished for a two-year period pursuant to the Federal Advisory Committee Act (FACA), following consultation with the Committee Management Secretariat, General Services Administration.

ADDRESSES: Federal Communications Commission, 45 L St. NE, Washington, DC 20554.

FOR FURTHER INFORMATION CONTACT: Joshua Mendelsohn, Designated Federal Officer, Federal Communications Commission, Consumer and Governmental Affairs Bureau, (202) 559–7304, or email: dac@fcc.gov.

SUPPLEMENTARY INFORMATION: After consultation with the General Services Administration, the Commission intends to re-establish the charter, providing the Committee with authorization to operate for two years.

The purpose of the Committee is to make recommendations to the Commission on the full range of disability access topics specified by the Commission and to facilitate the participation of consumers with disabilities in proceedings before the Commission. In addition, this Committee is intended to provide an effective means for stakeholders with interests in this area, including consumers with disabilities, to exchange ideas, which will in turn enhance the Commission's ability to effectively address disability access issues.

Advisory Committee

The Committee will be organized under, and will operate in accordance with, the provisions of the FACA (5 U.S.C. ch. 10). The Committee will be solely advisory in nature. Consistent with FACA and its requirements, each meeting of the Committee will be open to the public unless otherwise noticed. A notice of each meeting will be published in the **Federal Register** at least fifteen (15) days in advance of the meeting. Records will be maintained of each meeting and made available for public inspection. All activities of the

Committee will be conducted in an open, transparent, and accessible manner. The Committee shall terminate two (2) years from the filing date of its charter, or earlier upon the completion of its work as determined by the Chair of the FCC, unless its charter is renewed prior to the termination date.

During the Committee's next term, it is anticipated that the Committee will meet in Washington, DC, or virtually, at the discretion of the Commission, approximately three (3) times a year. The first meeting date and agenda topics will be described in a Public Notice issued and published in the **Federal Register** at least fifteen (15) days prior to the first meeting date.

In addition, as needed, subcommittees will be established to facilitate the Committee's work between meetings of the full Committee. All meetings of the Committee, including those of subcommittees, will be fully accessible to individuals with disabilities.

Federal Communications Commission.

Michael Scott,

Deputy Chief, Disability Rights Office, Consumer and Governmental Affairs Bureau.

[FR Doc. 2024–30792 Filed 12–26–24; 8:45 am]

BILLING CODE 6712–01–P

FEDERAL RESERVE SYSTEM

Change in Bank Control Notices; Acquisitions of Shares of a Bank or Bank Holding Company

The notificants listed below have applied under the Change in Bank Control Act (Act) (12 U.S.C. 1817(j)) and § 225.41 of the Board's Regulation Y (12 CFR 225.41) to acquire shares of a bank or bank holding company. The factors that are considered in acting on the applications are set forth in paragraph 7 of the Act (12 U.S.C. 1817(j)(7)).

The public portions of the applications listed below, as well as other related filings required by the Board, if any, are available for immediate inspection at the Federal Reserve Bank(s) indicated below and at the offices of the Board of Governors. This information may also be obtained on an expedited basis, upon request, by contacting the appropriate Federal Reserve Bank and from the Board's Freedom of Information Office at <https://www.federalreserve.gov/foia/request.htm>. Interested persons may express their views in writing on the standards enumerated in paragraph 7 of the Act.

Comments received are subject to public disclosure. In general, comments received will be made available without