

## Pesticides Regulatory Action Plan – January 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (Risk/Benefit Assessments – published documents do not address urban uses)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Neonics (pyrethroids alternatives): Clothianidin, Dinotefuran, Thiamethoxam</li> <li>• Abamectin (toxicity, use pattern); piperonyl butoxide (toxicity, pyrethroids synergist); Pyriproxifen (toxicity, storm drain applications, nursery runoff)</li> <li>• Glyphosate (member interest due to high use and Prop. 65 cancer risk listing)</li> <li>• Naphthenate salts (of interest because these contain Copper or Zinc); Acetamiprid (toxicity; use pattern)</li> </ul>	<p style="text-align: center;">Feb 20</p> <p style="text-align: center;">Feb 20</p> <p style="text-align: center;">Feb 13</p> <p style="text-align: center;">Mar?</p> <p style="text-align: center;">Mar/Apr?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (303[d] listings) – Biological Evaluation</li> </ul>	<p style="text-align: center;">Delayed</p> <p style="text-align: center;">Delayed</p>

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated April 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).
- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

#### California

- STORMS [Statewide Pesticide Reduction Plan Amendment for Urban Runoff](#) (Public review to start in early 2018; State Board workshop spring 2018; adoption vote summer 2018). [Work team report](#) on Urban Pesticides was released in August.

- State Water Board [Policy for Toxicity Assessment and Control](#) (Public comment period from 1/18-3/18; Staff Workshop 2/18, State Water Board hearing 3/18; Board consideration 8/18; Pesticides are primary cause of toxicity in California watersheds)
- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board review in progress. Public comment period is over.
- [Pesticide/toxicity 303\(d\) listings – California Integrated Report and Los Angeles Region](#). Awaiting EPA Region 9 approval.
- DPR final approval of Fipronil label changes (anticipated by end of 2017)
- Central Valley Water Board Basin Plan Amendments [Diuron](#)
- Central Valley Water Board updated water quality criteria for [bifenthrin, cyfluthrin, cypermethrin, esfenvalerate, lambda-cyhalothrin, and permethrin](#) (no schedule).
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin, esfenvalerate, and permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list (currently in litigation)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on five momfluorothrin urban products (new pyrethroid), new urban indoxacarb product (Avaunt), Fabguard (antimicrobial for use in storm drains), fipronil landscaping product (Taurus Trio G), and fipronil-imidacloprid foam outdoor product (Fuse Foam).
  - DPR final decision on proposed approval of fipronil structural product label changes to protect water quality (Taurus SC, Termidor SC, and Navigator SC).

## Pesticides Regulatory Action Plan – February 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Neonics (pyrethroids alternatives): Clothianidin, Dinotefuran, Thiamethoxam</li> <li>• Pyriproxifen (toxicity, storm drain applications, nursery runoff)</li> <li>• Glyphosate (member interest due to high use and Prop. 65 cancer risk listing)</li> <li>• Naphthenate salts (of interest because these contain Copper or Zinc); Acetamiprid (toxicity; use pattern)</li> </ul>	<p style="text-align: center;">Feb 20</p> <p style="text-align: center;">Feb 13</p> <p style="text-align: center;">Mar/Apr?</p> <p style="text-align: center;">Mar/Apr?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (303[d] listings) – Biological Evaluation</li> </ul>	<p style="text-align: center;">Delayed</p> <p style="text-align: center;">Delayed</p>

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- Responses to past team comments and revised documents (can occur any time)
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated April 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).
- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

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- STORMS [Statewide Pesticide Reduction Plan Amendment for Urban Runoff](#) (Public review to start in early 2018; State Board workshop spring 2018; adoption vote summer 2018). [Work team report](#) on Urban Pesticides was released in August.
- State Water Board [Policy for Toxicity Assessment and Control](#) (Public Outreach April 11-12 and April 24, Public comment period April-June; Staff Workshop (open to the public) April/May, State Water Board hearing in June; Board

consideration in November. Pesticides are primary cause of toxicity in California watersheds.

- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board review in progress. Public comment period is over.
- [Pesticide/toxicity 303\(d\) listings – California Integrated Report and Los Angeles Region](#). Awaiting EPA Region 9 approval.
- DPR final approval of Fipronil label changes (anticipated by end of 2017)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR; appeal is likely.)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on five momfluorothrin urban products (new pyrethroid), new urban indoxacarb product (Avaunt), Fabguard (antimicrobial for use in storm drains), fipronil landscaping product (Taurus Trio G), and fipronil-imidacloprid foam outdoor product (Fuse Foam).
  - DPR final decision on proposed approval of fipronil structural product label changes to protect water quality (Taurus SC, Termidor SC, and Navigator SC).

## Pesticides Regulatory Action Plan – March 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Pyriproxifen (<i>toxicity, storm drain applications, nursery runoff</i>)</li> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>); Acetamiprid (<i>toxicity; use pattern</i>);</li> <li>• Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (<i>herbicide</i>); Trifluralin (<i>303[d] listing</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Mar 15</p> <p>Apr 21</p> <p>Apr 30</p> <p>Apr/May?</p> <p>Aug/Sept?</p> <p>Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Boric Acid/Sodium Salts (<i>swimming pool products</i>)</li> <li>• Copper Compounds (<i>303[d] listings; TMDLs</i>); Indoxacarb (<i>toxicity</i>); Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Abamectin (<i>toxicity</i>); Dichlobenil; 2,4-D (<i>herbicide</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>);</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Aug/Sept?</p> <p>Nov/Dec?</p> <p>May/Jun?</p> <p>Aug/Sept?</p> <p>Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (303[d] listings) – Biological Evaluation</li> </ul>	<p>Delayed</p> <p>Delayed</p>

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- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)

- Proposed rule to eliminate some OPP Federal Register Notices (anticipated April 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).
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- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board hearing to approve TMDL 3/6/2018.
- [Pesticide/toxicity 303\(d\) listings – California Integrated Report and Los Angeles Region](#). Awaiting EPA Region 9 approval.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR and required CEQA review for any pesticide application; appeal is likely.)

### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on five momfluorothrin urban products (new pyrethroid), new urban indoxacarb product (Avaunt), Fabguard (antimicrobial for use in storm drains), fipronil landscaping product (Taurus Trio G), and fipronil-imidacloprid foam outdoor product (Fuse Foam).
  - DPR final decision on proposed approval of fipronil structural product label changes to protect water quality (Navigator SC).

## Pesticides Regulatory Action Plan – April 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam</li> <li>• Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (<i>herbicide</i>); Trifluralin (<i>303[d] listing</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p style="text-align: center;"><b>Apr 21</b></p> <p style="text-align: center;">June?</p> <p style="text-align: center;">Aug/Sept?</p> <p style="text-align: center;">Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• <i>Pyrethroids (303[d] listings; TMDLs)</i></li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Boric Acid/Sodium Salts (<i>swimming pool products</i>)</li> <li>• Copper Compounds (<i>303[d] listings; TMDLs</i>); Indoxacarb (<i>toxicity</i>); Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; <i>Abamectin (toxicity)</i>; Dichlobenil; 2,4-D (<i>herbicide</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>);</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p style="text-align: center;">Aug/Sept?</p> <p style="text-align: center;">Nov/Dec?</p> <p style="text-align: center;">Jun?</p> <p style="text-align: center;">Aug/Sept?</p> <p style="text-align: center;">Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (also diazinon and chlorpyrifos) (<i>303[d] listings</i>) – Biological Opinion</li> </ul>	<p style="text-align: center;">Delayed</p> <p style="text-align: center;"><b>May 22</b></p>

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated April 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).



- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
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- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board approved TMDL on 3/6/2018. Next step is review by California Office of Administrative Law (OAL) and then US EPA Region 9.
- [Pesticide/toxicity 303\(d\) listings – California Integrated Report and Los Angeles Region](#). Awaiting EPA Region 9 approval.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR and required CEQA review for any pesticide application; appeal is likely.)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on five momfluorothrin urban products (new pyrethroid), new urban indoxacarb product (Avaunt), Fabguard (antimicrobial for use in storm drains), fipronil landscaping product (Taurus Trio G), fipronil termite product (Termidor HP), and fipronil-imidacloprid foam outdoor product (Fuse Foam).



## Pesticides Regulatory Action Plan – May 2018

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<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Zinc Borate (303[d] listings; TMDLs)</li> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (herbicide); Trifluralin (303[d] listing)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (303[d] listings; TMDLs)</li> </ul>	<p style="text-align: center;">July?</p> <p style="text-align: center;">Aug/Sept?</p> <p style="text-align: center;">Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (303[d] listings; TMDLs)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Boric Acid/Sodium Salts (<i>swimming pool products</i>)</li> <li>• Copper Compounds (303[d] listings; TMDLs); Indoxacarb (<i>toxicity</i>); Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Abamectin (<i>toxicity</i>); Dichlobenil; 2,4-D (<i>herbicide</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>);</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (303[d] listings; TMDLs)</li> </ul>	<p style="text-align: center;">Aug/Sept? Nov/Dec?</p> <p style="text-align: center;">July? Aug/Sept?</p> <p style="text-align: center;">Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (also diazinon and chlorpyrifos) (303[d] listings) – Biological Opinion</li> </ul>	<p style="text-align: center;">Delayed May 22 (may be extended)</p>

### Items to watch for:

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- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
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- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).

- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
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- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board approved TMDL on 3/6/2018. Next step is review by California Office of Administrative Law (OAL) and then US EPA Region 9.
- The EPA sent out notice of its approval of the listings in April.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR and required CEQA review for any pesticide application; appeal is likely.)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on proposed new urban pyrethroids (five momfluorothrin products, one alpha-cypermethrin product and one transfluthrin product), one new (Avaunt) and one modified (Advion) urban indoxacarb product, fipronil landscaping product (Taurus Trio G), fipronil termite product (Termidor HP), fipronil-imidacloprid foam outdoor product (Fuse Foam), a proposed copper-microparticle containing paint additive (Guardiant), and a new ant and termite product containing the proposed new pesticide broflanilide (Terinda/Vedira).

## Pesticides Regulatory Action Plan – June 2018

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<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (herbicide); Trifluralin (<i>303[d] listing</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Aug/Sept?</p> <p>Nov/Dec?</p>
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- Responses to past team comments and revised documents (can occur any time)
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated September 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).

- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

#### California

- STORMS [Statewide Pesticide Reduction Plan Amendment for Urban Runoff](#) (Public review to start in fall 2018; State Board workshop fall 2018; adoption vote spring 2019). [Work team report](#) on Urban Pesticides was released in August 2017.
- State Water Board [Policy for Toxicity Assessment and Control](#) (Public comment period June-July; Staff Workshop (open to the public) in July, State Water Board hearing in July; Board consideration in December.) Pesticides are primary cause of toxicity in California watersheds.
- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review in progress. Public comment period is over.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board approved TMDL on 3/6/2018. Next step is review by California Office of Administrative Law (OAL) and then US EPA Region 9.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR and required CEQA review for any pesticide application; appeal is likely.)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on proposed new urban pyrethroids (five momfluorothrin products, one alpha-cypermethrin product and one transfluthrin product), a modified urban indoxacarb product (Advion), fipronil landscaping product (Taurus Trio G), fipronil termite product (Termidor HP), fipronil-imidacloprid foam outdoor product (Fuse Foam), a proposed copper-microparticle containing paint additive (Guardiant), a new ant and termite product containing the proposed new pesticide broflanilide (Terinda/Vedira), a deltamethrin impregnated window screen, and a novaluron product (TEKKO) that has conflicting label requirements.

## Pesticides Regulatory Action Plan – July 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (herbicide); Trifluralin (<i>303[d] listing</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Sept/Oct?</p> <p>Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Boric Acid/Sodium Salts (<i>swimming pool products</i>); Copper Compounds (<i>303[d] listings; TMDLs</i>); Indoxacarb (<i>toxicity</i>); Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; <i>Abamectin (toxicity)</i>; Dichlobenil; 2,4-D (<i>herbicide</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>);</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Sept/Oct?</p> <p>Nov/Dec?</p> <p>Sept/Oct?</p> <p>Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> <li>• Malathion (also diazinon and chlorpyrifos) (303[d] listings) – Biological Opinion</li> </ul>	<p>Delayed <b>July 23</b></p>

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated September 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).

- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

#### California

- STORMS [Statewide Pesticide Reduction Plan Amendment for Urban Runoff](#) (Public review to start in fall 2018; State Board workshop fall 2018; adoption vote spring 2019). [Work team report](#) on Urban Pesticides was released in August 2017.
- State Water Board [Policy for Toxicity Assessment and Control](#) (Public comment period late summer 2018 through late autumn 2018; Staff Workshop (open to the public) in late summer, State Water Board hearing sometime in late summer; Board consideration in early 2019.) Pesticides are primary cause of toxicity in California watersheds.
- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board review hearing July 10.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board approved TMDL on 3/6/2018. Next step is review by California Office of Administrative Law (OAL) and then US EPA Region 9.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
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#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on proposed new urban pyrethroids (five momfluorothrin products, one alpha-cypermethrin product and one transfluthrin product), fipronil landscaping product (Taurus Trio G), fipronil termite product (Termidor HP), fipronil-imidacloprid foam outdoor product (Fuse Foam), a proposed copper-microparticle containing paint additive (Guardiant), a new ant and termite product containing the proposed new pesticide broflanilide (Terinda/Vedira), a deltamethrin impregnated window screen, and a novaluron product (TEKKO) that has conflicting label requirements.



## Pesticides Regulatory Action Plan – Aug 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)</p> <p><i>Registration Review environmental risk assessments:</i></p> <p><u>Highest Priority</u> none</p> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Dithiopyr (<i>toxicity</i>); Hydramethylnon (<i>toxicity</i>); MCPA (herbicide); Trifluralin (<i>303[d] listing</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Oct/Nov?</p> <p>Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i></p> <p><u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Boric Acid/Sodium Salts (<i>swimming pool products</i>); Copper Compounds (<i>303[d] listings; TMDLs</i>); Indoxacarb (<i>toxicity</i>); Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; <i>Abamectin (toxicity)</i>; Dichlobenil; 2,4-D (<i>herbicide</i>); Naphthenate salts (<i>of interest because these contain Copper or Zinc</i>);</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Oct/Nov?</p> <p>Nov/Dec?</p> <p>Oct/Nov?</p> <p>Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> </ul>	<p>Delayed</p>

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- U.S. EPA “Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process” Comments due Aug 13 on how the U.S. EPA should use cost and benefit analysis in setting pollution standards.
- U.S. EPA “Strengthening Transparency in Regulatory Science” Comments are due on Aug 16 on this “transparency” rule that is being questioned by the U.S. EPA’s own Science Advisory Panel.
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated September 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).



- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

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- STORMS [Statewide Pesticide Reduction Plan Amendment for Urban Runoff](#) (Public review to start in fall 2018; State Board workshop fall 2018; adoption vote spring 2019). [Work team report](#) on Urban Pesticides was released in August 2017.
- State Water Board [Policy for Toxicity Assessment and Control](#) (Public comment period late summer 2018 through late autumn 2018; Staff Workshop (open to the public) in late summer, State Water Board hearing sometime in late summer; Board consideration in early 2019.) Pesticides are primary cause of toxicity in California watersheds.
- Central Valley Water Board [Pyrethroids](#) Basin Plan Amendments. State Water Board approved 7/10/18. Next steps are review by the California Office of Administrative Law and US EPA Region 9.
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) State Water Board approved TMDL on 3/6/2018. The California Office of Administrative Law (OAL) approved on 6/28/2018. Next step is review by US EPA Region 9.
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
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#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
  - DPR initial decisions on proposed new urban pyrethroids (five momfluorothrin products, one alpha-cypermethrin product and one transfluthrin product), fipronil landscaping product (Taurus Trio G), fipronil termite product (Termidor HP), fipronil-imidacloprid foam outdoor product (Fuse Foam), a proposed copper-microparticle containing paint additive (Guardiant), a new ant and termite product containing the proposed new pesticide broflanilide (Terinda/Vedira), a deltamethrin impregnated window screen, and a novaluron product (TEKKO) that has conflicting label requirements.

## Pesticides Regulatory Action Plan – Sept 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)  <i>Registration Review environmental risk assessments:</i>  <u>Highest Priority</u>  <i>none</i>  <u>Others</u></p> <ul style="list-style-type: none"> <li>• Dithiopyr (<i>toxicity</i>)</li> <li>• 2,4-DP (<i>herbicide</i>); MCPA (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p><b>Oct 9</b> Nov/Dec?</p>
<p><i>Registration Review proposed decisions:</i>  <u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Indoxacarb (<i>toxicity</i>); Dichlobenil (<i>herbicide</i>); Pyriproxyfen (<i>toxicity/storm drain applications</i>)</li> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Abamectin (<i>toxicity</i>); 2,4-D (<i>herbicide</i>)</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	<p>Nov/Dec? Nov/Dec?</p> <p><b>Oct 9</b> Nov/Dec?</p> <p>Nov/Dec?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> </ul>	<p>Delayed</p>

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- U.S. EPA “Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process” will affect how the U.S. EPA should use cost and benefit analysis in setting pollution standards. The comment period closed on Aug. 13, 2018.
- U.S. EPA “Strengthening Transparency in Regulatory Science”. This “transparency” rule that is being questioned by the U.S. EPA’s own Science Advisory Panel. The comment period closed on Aug. 16, 2018.
- Proposed rule to eliminate some OPP Federal Register Notices (anticipated September 2018)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).

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- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
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## Pesticides Regulatory Action Plan – October 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)  <i>Registration Review environmental risk assessments:</i>  <u>Highest Priority</u>  <i>none</i>  <u>Others</u></p> <ul style="list-style-type: none"> <li>• 2,4-DP (<i>herbicide</i>); MCPA (<i>herbicide</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>)</li> </ul>	Dec/Jan?
<p><i>Registration Review proposed decisions:</i>  <u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Dichlobenil (<i>herbicide</i>); Indoxacarb (<i>toxicity</i>); Pyriproxyfen (<i>toxicity/storm drain applications</i>)</li> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Abamectin (<i>toxicity</i>); 2,4-D (<i>herbicide</i>)</li> <li>• Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>); PBO (<i>synergist for pyrethroids</i>); Pyrethrins; Zinc Borate (<i>303[d] listings; TMDLs</i>)</li> </ul>	Dec/Jan? Dec/Jan? <b>Oct 9</b> Dec/Jan? Dec/Jan?
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> </ul>	Delayed
<p><b>Scientific Meetings</b></p> <ul style="list-style-type: none"> <li>• Society of Environmental Toxicology &amp; Chemistry (Sacramento) – key pesticides science meeting</li> </ul>	Nov 4-8

### Items to watch for:

#### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- U.S. EPA “Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process” will affect how the U.S. EPA should use cost and benefit analysis in setting pollution standards. The comment period closed on Aug. 13, 2018.
- U.S. EPA “Strengthening Transparency in Regulatory Science”. This “transparency” rule that is being questioned by the U.S. EPA’s own Science Advisory Panel. The comment period closed on Aug. 16, 2018.
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- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple pesticides on UP3 Partnership priority pesticide list. (Court overturned the EIR and required CEQA review for any pesticide application; appeal is likely.)

#### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
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## Pesticides Regulatory Action Plan – November 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)  <i>Registration Review environmental risk assessments:</i>  <u>Highest Priority</u>  <i>none</i>  <u>Others</u></p> <ul style="list-style-type: none"> <li>• 2,4-DP &amp; MCPA (<i>phenoxy herbicides</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>); Triclosan (<i>toxicity; member interest</i>)</li> <li>• Oxyfluorfen (<i>303[d] listings; toxicity</i>)</li> <li>• MCPP (<i>phenoxy herbicide</i>); Thiophanate methyl (<i>degrade toxicity; use patterns</i>); Creosote (<i>303[d] listings [PAHs]; toxicity, use patterns</i>); Dichromic acid (<i>toxicity</i>); Pentachlorophenol (<i>303[d] listings [Pentachlorophenol, Dioxins]; toxicity, use patterns</i>)</li> <li>• Chlorothalonil (<i>303[d] listings; toxicity</i>); Triclopyr (<i>toxicity; use pattern</i>)</li> </ul>	<p style="text-align: right;">Dec/Jan?</p> <p style="text-align: right;">Apr/May?</p> <p style="text-align: right;">Aug/Sept?</p> <p style="text-align: right;">Nov/Dec 2019?</p>
<p><i>Registration Review proposed decisions:</i>  <u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Abamectin (<i>toxicity</i>); 2,4-D (<i>herbicide</i>); Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>)</li> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Acetamiprid (<i>toxicity</i>); Dithiopyr (<i>toxicity</i>); Trifluralin (<i>303[d] listings</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>);</li> <li>• PBO (<i>synergist for pyrethroids</i>); Pyrethrins (<i>related to pyrethroids, but less stable and less toxic</i>); Triclosan (<i>toxicity; member interest</i>)</li> <li>• 2,4-DP &amp; MCPA (<i>phenoxy herbicides</i>); Simazine (<i>303[d] listings</i>)</li> </ul>	<p style="text-align: right;">Apr/May? Aug/Sept?</p> <p style="text-align: right;">Dec/Jan?</p> <p style="text-align: right;">Apr/May</p> <p style="text-align: right;">Aug/Sept</p> <p style="text-align: right;">Nov/Dec 2019?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> </ul>	<p style="text-align: right;">Delayed</p>
<p><b>Water Board TMDLs/Pesticide Control Programs</b>            State Water Board <a href="#">Policy for Toxicity Assessment and Control</a>  <i>Current pesticides are primary cause of aquatic toxicity in California.</i></p> <ul style="list-style-type: none"> <li>• Workshops - Costa Mesa; Sacramento/webcast</li> <li>• State Water Board hearing</li> <li>• Written Comments Due</li> <li>• State Water Board Decision</li> </ul>	<p style="text-align: right;">Oct 29 &amp; 31 Nov 28 Dec 7 Early 2019</p>
<p><b>Scientific Meetings</b></p> <ul style="list-style-type: none"> <li>• Society of Environmental Toxicology &amp; Chemistry (Sacramento) – key pesticides science meeting</li> </ul>	<p style="text-align: right;">Nov 4-8</p>



## Items to watch for:

### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- U.S. EPA “Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process” affects how the U.S. EPA uses cost and benefit analysis in setting pollution standards. Comment period closed 8/18.
- U.S. EPA “Strengthening Transparency in Regulatory Science”. Would limit use of data from scientific literature. Comment period closed 8/18.
- Proposed rule to eliminate some OPP Federal Register Notices (was anticipated September 2018 according to U.S. EPA semi-annual regulatory agenda)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). Next step science advisory panel review of draft scoping document. Seeking OPP engagement. (Update stalled - no action since mid-2016).
- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2022)

### California

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- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- Central Valley Water Board has decided to delist diuron, instead of pursuing a TMDL. The diuron impairments will be addressed through existing programs.
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) covering potential broadcast pesticide applications urban areas of multiple UP3 priority pesticides. In litigation (California Court of Appeal).

### Both Federal & California

- New pesticide registrations (of interest – urban, outdoor broadcast or concentrated use or potentially significant wastewater discharge of a pesticide with high aquatic toxicity or that is a priority pollutant)
- DPR initial decisions: proposed new urban pyrethroids (five momfluorothrin products, one alpha-cypermethrin product and one transfluthrin product), fipronil-bifenthrin landscaping product (Taurus Trio G), fipronil termite product (Termidor HP II), fipronil-imidacloprid foam outdoor product (Fuse Foam), a proposed copper-microparticle containing paint additive (Guardiant), a new ant and termite product containing the proposed new pesticide broflanilide (Terinda/Vedira), a deltamethrin impregnated window screen, and a novaluron product (TEKKO) that has conflicting label requirements.



## Pesticides Regulatory Action Plan – December 2018

Item/Next Steps	Comments Due
<p><b>U.S. EPA Pesticide <a href="#">Registration Review</a></b> (15-year cycle)  <i>Registration Review environmental risk assessments:</i>  <u>Highest Priority</u>  <i>none</i>  <u>Others</u></p> <ul style="list-style-type: none"> <li>• 2,4-DP &amp; MCPA (<i>phenoxy herbicides</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>); Triclosan (<i>toxicity; member interest</i>)</li> <li>• Oxyfluorfen (<i>303[d] listings; toxicity</i>)</li> <li>• MCPP (<i>phenoxy herbicide</i>); Thiophanate methyl (<i>degrade toxicity; use patterns</i>); Creosote (<i>303[d] listings [PAHs]; toxicity, use patterns</i>); Dichromic acid (<i>toxicity</i>); Pentachlorophenol (<i>303[d] listings [Pentachlorophenol, Dioxins]; toxicity, use patterns</i>)</li> <li>• Chlorothalonil (<i>303[d] listings; toxicity</i>); Triclopyr (<i>toxicity; use pattern</i>)</li> </ul>	<p style="text-align: center;">Jan/Feb?</p> <p style="text-align: center;">Apr/May? Aug/Sept?</p> <p style="text-align: center;">Nov/Dec 2019?</p>
<p><i>Registration Review proposed decisions:</i>  <u>Highest Priority</u></p> <ul style="list-style-type: none"> <li>• Imidacloprid (<i>anticipated 303[d] listings</i>)</li> <li>• Pyrethroids (<i>303[d] listings; TMDLs</i>)</li> </ul> <p><u>Others</u></p> <ul style="list-style-type: none"> <li>• Abamectin (<i>toxicity</i>); 2,4-D (<i>herbicide</i>); Glyphosate (<i>member interest due to high use and Prop. 65 cancer risk listing</i>)</li> <li>• Neonics (<i>pyrethroids alternatives</i>): Clothianidin, Dinotefuran, Thiamethoxam; Acetamiprid (<i>toxicity</i>); Dithiopyr (<i>toxicity</i>); Trifluralin (<i>303[d] listings</i>); Zinc metal/salts (<i>303[d] listings; TMDLs</i>);</li> <li>• PBO (<i>synergist for pyrethroids</i>); Pyrethrins (<i>related to pyrethroids, but less stable and less toxic</i>); Triclosan (<i>toxicity; member interest</i>)</li> <li>• 2,4-DP &amp; MCPA (<i>phenoxy herbicides</i>); Simazine (<i>303[d] listings</i>)</li> </ul>	<p style="text-align: center;">Apr/May? Aug/Sept?</p> <p style="text-align: center;">Jan/Feb?</p> <p style="text-align: center;">Apr/May</p> <p style="text-align: center;">Aug/Sept</p> <p style="text-align: center;">Nov/Dec 2019?</p>
<p><i>Registration Review Endangered Species Act Integrated reviews</i></p> <ul style="list-style-type: none"> <li>• Carbaryl – Risk Assessment</li> </ul>	<p style="text-align: center;">Delayed</p>
<p><b>Water Board TMDLs/Pesticide Control Programs</b>            State Water Board <a href="#">Policy for Toxicity Assessment and Control</a>  <i>Current pesticides are primary cause of aquatic toxicity in California.</i></p> <ul style="list-style-type: none"> <li>• Written Comments Due</li> <li>• State Water Board Decision</li> </ul>	<p style="text-align: center;">Dec 7 Early 2019</p>

## Items to watch for:

### Federal

- U.S. EPA Pesticide Registration Applications and Registration Reviews (of interest – urban, outdoor broadcast or concentrated use or pyrethroid/fipronil alternative AND a pesticide with high aquatic toxicity or that is a priority pollutant) (can occur any time)
- Responses to past team comments and revised documents (can occur any time)
- U.S. EPA “Increasing Consistency and Transparency in Considering Costs and Benefits in the Rulemaking Process” affects how the U.S. EPA uses cost and benefit analysis in setting pollution standards. Comment period closed 8/18.
- U.S. EPA “Strengthening Transparency in Regulatory Science”. Would limit use of data from scientific literature. Comment period closed 8/18.
- Proposed rule to eliminate some OPP Federal Register Notices (was anticipated September 2018 according to U.S. EPA semi-annual regulatory agenda)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#). **Update process has been terminated.** If restarted, next step would be science advisory panel review of draft scoping document and OPP engagement.
- Endangered species consultations/litigation ([Nationwide](#) methodologies could significantly modify urban pesticide evaluation methods; some [California](#) cases could affect California urban pesticide use)
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