

Pesticides Regulatory Action Plan – February 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p>Registration Review work plans:</p> <ul style="list-style-type: none"> • Triclopyr (DPR interest list) <p>Registration review environmental risk assessments:</p> <ul style="list-style-type: none"> • Etofenprox (pyrethroid) • Diazinon (303[d] listings and TMDLs) • Chlorpyrifos (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) • Copper compounds (303[d] listings and TMDLs) 	<p style="text-align: center; background-color: yellow;">Feb. 17</p> <p>May 2015?</p> <p>May 2015?</p> <p>May 2015?</p> <p>May 2015?</p> <p>May 2015?</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Meet with DPR management prior to action decision 	<p>Spring 2015</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 alternative or potentially significant wastewater discharge AND a pesticide with high aquatic toxicity or that is a priority pollutant) (Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)
- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA has assigned next steps to its Office of Research and Development. No schedule has been set for next steps or for finalization of the methodology.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- Endangered species consultations/litigation ([Nationwide](#) and [California](#) - if could significantly affect urban pesticide use or could help with permit compliance in key geographic areas)
- [Pyrethroid product labels](#) that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, may be as late as 2020)

California

- DPR action on Fipronil
- DPR [Chlorpyrifos restricted material designation](#) regulations (finalization anticipated in early 2015)
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2015); [Pyrethroids](#) (adoption vote in 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final water quality criteria for [esfenvalerate](#) (2015)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (anticipated in 2015)

- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (in development; first workshop in 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – 2015; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – Regions 1,6,7 in progress with no significant urban pesticides revisions; Regions 3,5,9 in 2015; Regions 2,4,8 in 2016)
- 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 (finalized but litigation is likely)
- DTSC [nanomaterial information call-ins](#) (inactive)

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)
 - o EPA decision on [silver-zinc marine antifouling paint](#)
 - o DPR initial decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), fipronil foam product, momfluorothrin (new pyrethroid), and PathShield Antimicrobial Filter Media (for use in storm drains)

Pesticides Regulatory Action Plan – March 2015

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle) <ul style="list-style-type: none"> • All risk assessment and many workplan dates have changed – schedule updates have been requested 	
DPR Pesticide Management <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Meet with DPR management prior to action decision 	Spring 2015
Water Board Pesticides TMDL/Basin Plan Amendment Lower Salinas River sediment toxicity/pyrethroids TMDL <ul style="list-style-type: none"> • Workshop/CEQA Scoping meeting in Salinas, 10 a.m. 	Mar. 3

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- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA has assigned next steps to its Office of Research and Development. No schedule has been set for next steps or for finalization of the methodology.
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- Final U.S. EPA Nanoscale Materials Pesticides Policy
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 - o EPA decision on [silver-zinc marine antifouling paint](#)
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Pesticides Regulatory Action Plan – April 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Creosote/Coal Tar (PAHs 303(d) listings; priority pollutant) • Copper HDO (Copper 303(d) listings; priority pollutant) • Tributyltin compounds • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Glyphosate (controversial, UP3 Partner interest) • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon 	<p style="text-align: right;">May May Aug Nov Nov Dec-Feb 2016</p> <p style="text-align: right;">June-July July-Aug Sept-Oct Oct-Nov Summer/Fall?</p>
<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr 	<p style="text-align: right;">Aug-Oct</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Informal status update meeting (UP3/CASQA) o Formal meeting with DPR management about proposal 	<p style="text-align: right;">March 18 TBD</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control Section proposed to lay out groundwork for statewide urban pesticide Plan</i></p> <ul style="list-style-type: none"> • State Water Board Workshop 	<p style="text-align: right;">June</p>
<p>Water Board Pesticides TMDL/Basin Plan Amendments</p> <ul style="list-style-type: none"> • Central Valley Water Board TMDL/Basin Plan Amendment for Pyrethroids (anticipate Board adoption in 2015) <ul style="list-style-type: none"> o Public Meeting on preliminary draft Basin Plan Amendment language 	<p style="text-align: right;">May 5</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • NorCal SETAC (Sacramento/Cal EPA Building) 	<p style="text-align: right;">April 29-30</p>

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- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)

- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA has assigned next steps to its Office of Research and Development. No schedule has been set for next steps or for finalization of the methodology.
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- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – 2015; Pesticides are primary cause of toxicity in California watersheds)
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Both Federal & California

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Pesticides Regulatory Action Plan – May 2015

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<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr 	<p>Aug-Oct</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Formal meeting with DPR about proposal 	<p>Late Summer</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control Section proposed to lay out groundwork for statewide urban pesticide Plan</i></p> <ul style="list-style-type: none"> • State Water Board Workshop 	<p>June</p>
<p>Water Board Pesticides TMDL/Basin Plan Amendments</p> <ul style="list-style-type: none"> • Central Valley Water Board TMDL/Basin Plan Amendment for Pyrethroids (anticipate Board adoption in 2015) <ul style="list-style-type: none"> o Public Meeting on preliminary draft Basin Plan Amendment language • Central Valley Water Board Diazinon/Chlorpyrifos Basin Plan Amendment <ul style="list-style-type: none"> o State Water Board Hearing 	<p>May 5</p> <p>June</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • EPA OPP Environmental Modeling Public Meeting • Norcal SETAC (Sacramento/Cal-EPA building) • American Chemical Society (Boston) • SETAC (Salt Lake City) 	<p>Apr 28 Apr 29-30 Aug 16-20 Nov 1-5</p>

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Both Federal & California

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Pesticides Regulatory Action Plan – June 2015

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<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control Section proposed to lay out groundwork for statewide urban pesticide Plan</i></p> <ul style="list-style-type: none"> • State Water Board Workshop 	Aug
<p>Water Board Pesticides TMDL/Basin Plan Amendments</p> <ul style="list-style-type: none"> • Central Valley Water Board Diazinon/Chlorpyrifos Basin Plan Amendment <ul style="list-style-type: none"> o State Water Board Hearing 	June
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • American Chemical Society (Boston) • SETAC (Salt Lake City) 	Aug 16-20 Nov 1-5

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Pesticides Regulatory Action Plan – July 2015

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<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr 	<p>Aug-Oct</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some pesticides Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p>Nov.</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Formal meeting with DPR about proposal 	<p>Late Summer</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control section will to lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • Written comments on draft for public review • State Water Board Workshop • State Water Board decision meeting 	<p style="text-align: center;">July</p> <p style="text-align: right;">Aug 5 (tentative) Sept 16</p>
<p>Water Board Phase II Small MS4 General Permit</p> <p><i>Add Pesticide TMDL implementation provisions in Regions 2,3, & 5</i></p> <ul style="list-style-type: none"> • Comments to State Water Board 	<p style="text-align: center;">July 31</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • American Chemical Society (Boston) • SETAC (Salt Lake City) 	<p style="text-align: right;">Aug 16-20 Nov 1-5</p>

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- Central Valley Water Board updated water quality criteria for [bifenthrin, cyfluthrin, cypermethrin, esfenvalerate, lambda-cyhalothrin, and permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin, esfenvalerate, and permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated July 2015)
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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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR initial decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), fipronil foam product, momfluorothrin (new pyrethroid), and Smart Sponge Plus (for use in storm drains)

Pesticides Regulatory Action Plan – August 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Tributyltin compounds • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) • Dicamba <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) 	<p style="text-align: center;">Sept? Nov Nov Dec-Feb 2016 Dec-Feb 2016</p> <p style="text-align: center;">Sept-Oct? Sept-Oct? Oct-Nov? Oct? Oct?</p>
<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr • Polyoxin D Zinc Salts (Zinc 303(d) listings; priority pollutant) 	<p style="text-align: center;">Aug-Oct Nov</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some OPP Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p style="text-align: center;">Nov</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> o Formal meeting with DPR about proposal • Pyrethroids Regulations enforcement <ul style="list-style-type: none"> o Meeting with DPR on enforcement activities 	<p style="text-align: center;">Late Summer</p> <p style="text-align: center;">Aug?</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control section will to lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • State Water Board Workshop • State Water Board decision meeting 	<p style="text-align: center;">Aug 19 Sept 16 (tentative)</p>
<p>Water Board Phase II Small MS4 General Permit</p> <p><i>Add Pesticide TMDL implementation provisions in Regions 2,3, & 5</i></p> <ul style="list-style-type: none"> • Comments to State Water Board 	<p style="text-align: center;">July 31</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • American Chemical Society (Boston) • Expert Meeting on Revising EPA Guidelines for Deriving Aquatic Life Water Quality Criteria • OPP Science Advisory Panel - surface water quality model • SETAC (Salt Lake City) 	<p style="text-align: center;">Aug 16-20</p> <p style="text-align: center;">Sept 14-16 Sept 15-18 Nov 1-5</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)

(Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)

- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA has assigned next steps to its Office of Research and Development. No schedule has been set for next steps or for finalization of the methodology.
- Final U.S. EPA Nanoscale Materials Pesticides Policy and nanocopper regulation petition decision (status unclear; removed from OPP website in 2015)
- 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 2020)

California

- DPR action on Fipronil
- Central Valley Water Board Basin Plan Amendments [Pyrethroids](#) (draft language for public review & Board workshop 2015/16 & adoption vote in 2016); [Diuron](#) (workshop & adoption vote 2016); [Diazinon/Chlorpyrifos](#) (awaiting US EPA approval)
- Central Valley Water Board updated water quality criteria for [bifenthrin, cyfluthrin, cypermethrin, esfenvalerate, lambda-cyhalothrin, and permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin, esfenvalerate, and permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated July 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – 2015?; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – Regions 1,6,7 in progress with no significant urban pesticides revisions; Regions 3,5,9 in 2016; Regions 2,4,8 in 2016)
- 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 (finalized Dec. 2014; 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 fipronil foam product, momfluorothrin (new pyrethroid), and Smart Sponge Plus (for use in storm drains)

Pesticides Regulatory Action Plan – September 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) • Dicamba <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) 	<p style="text-align: center;">Nov</p> <p style="text-align: center;">Nov</p> <p style="text-align: center;">Dec-Feb 2016</p> <p style="text-align: center;">Dec-Feb 2016</p> <p style="text-align: center;">Nov</p> <p style="text-align: center;">Jan 2016?</p> <p style="text-align: center;">Jan 2016?</p> <p style="text-align: center;">Jan 2016?</p> <p style="text-align: center;">Jan 2016?</p>
<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr • Polyoxin D Zinc Salts (Zinc 303(d) listings; priority pollutant) 	<p style="text-align: center;">Oct 9</p> <p style="text-align: center;">Nov</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some OPP Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p style="text-align: center;">Nov</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> ○ Formal meeting with DPR about proposal • Pyrethroids Regulations enforcement <ul style="list-style-type: none"> ○ Meeting with DPR on enforcement activities 	<p style="text-align: center;">Early fall?</p> <p style="text-align: center;">Sept?</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control section will to lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • State Water Board decision meeting 	<p style="text-align: center;">Nov?</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • Expert Meeting on Revising EPA Guidelines for Deriving Aquatic Life Water Quality Criteria - <i>no UP3 representation</i> • OPP Science Advisory Panel - surface water quality model - <i>no UP3 representation</i> • SETAC (Salt Lake City) – UP3 representative will attend 	<p style="text-align: center;">Sept 14-16</p> <p style="text-align: center;">Sept 15-18</p> <p style="text-align: center;">Nov 1-5</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) (Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)
- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides

- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA has assigned next steps to its Office of Research and Development. No schedule has been set for next steps or for finalization of the methodology.
- Final U.S. EPA Nanoscale Materials Pesticides Policy and nanocopper regulation petition decision (status unclear; removed from OPP website in 2015)
- 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 2020)

California

- DPR action on Fipronil
- Water Board [Phase II Small MS4 General Permit](#) to add Pesticide TMDL implementation provisions in Regions 2, 3, & 5 (formal comments/State Board hearing fall 2015?)
- Central Valley Water Board Basin Plan Amendments [Pyrethroids](#) (draft language for public review & Board workshop 2015/16 & adoption vote in 2016); [Diuron](#) (workshop & adoption vote 2016); [Diazinon/Chlorpyrifos](#) (awaiting US EPA approval)
- Central Valley Water Board updated water quality criteria for [bifenthrin](#), [cyfluthrin](#), [cypermethrin](#), [esfenvalerate](#), [lambda-cyhalothrin](#), and [permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated fall 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (New proposal late 2015; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – 2014 cycle—Regions 3,5,9—in 2016; 2016 cycle—Regions 2,4,8—in 2016?)
- 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 (finalized Dec. 2014; 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 fipronil foam product, momfluorothrin (new pyrethroid), copper-silver-zinc marine antifouling paint, and Smart Sponge Plus (for use in storm drains)
 - DPR final decision on PathShield (for use in storm drains)

Pesticides Regulatory Action Plan – October 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) • Dicamba <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) 	<p>Nov</p> <p>Nov</p> <p>Dec-Feb 2016</p> <p>Dec-Feb 2016</p> <p>Nov</p> <p>Jan 2016?</p> <p>Jan 2016?</p> <p>Jan 2016?</p> <p>Jan 2016?</p>
<p><i>Registration review proposed decisions</i></p> <ul style="list-style-type: none"> • Chlorfenapyr • Polyoxin D Zinc Salts (Zinc 303(d) listings; priority pollutant) 	<p>Oct 9</p> <p>Nov</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some OPP Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p>Nov?</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action <ul style="list-style-type: none"> ○ Meeting with DPR • Pyrethroids Regulations enforcement <ul style="list-style-type: none"> ○ Meeting with DPR on enforcement activities 	<p>Oct. 9?</p> <p>Oct. 9</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control section will to lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • State Water Board decision meeting 	<p>Nov?</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • EPA Environmental Modeling Public Meeting • SETAC (Salt Lake City) – UP3 representative will attend 	<p>Oct. 26</p> <p>Nov 1-5</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) (Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)
- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)

- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – action unlikely
- Final U.S. EPA Nanoscale Materials Pesticides Policy and nanocopper regulation petition decision (status unclear; removed from OPP website in 2015)
- 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 2020)

California

- DPR action on Fipronil
- Water Board [Phase II Small MS4 General Permit](#) to add Pesticide TMDL implementation provisions in Regions 2, 3, & 5 (formal comments/State Board hearing fall 2015?)
- Central Valley Water Board Basin Plan Amendments [Pyrethroids](#) (draft language for public review & Board workshop 2015/16 & adoption vote in 2016); [Diuron](#) (workshop & adoption vote 2016); [Diazinon/Chlorpyrifos](#) (awaiting US EPA approval)
- Central Valley Water Board updated water quality criteria for [bifenthrin](#), [cyfluthrin](#), [cypermethrin](#), [esfenvalerate](#), [lambda-cyhalothrin](#), and [permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated fall 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (New proposal late 2015; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – 2014 cycle—Regions 3,5,9—in 2016; 2016 cycle—Regions 2,4,8—in 2016?)
- 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 (finalized Dec. 2014; 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 fipronil foam product, momfluorothrin (new pyrethroid), copper-silver-zinc marine antifouling paint, and Smart Sponge Plus (for use in storm drains)
 - DPR final decision on PathShield (for use in storm drains)

Pesticides Regulatory Action Plan – November 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) • Dicamba <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) 	<p style="text-align: right;">Nov 24</p> <p style="text-align: right;">Nov 24</p> <p style="text-align: right;">Dec-Feb 2016</p> <p style="text-align: right;">Dec-Feb 2016</p> <p style="text-align: right;">Dec-Jan?</p> <p style="text-align: right;">Jan 2016?</p> <p style="text-align: right;">Jan 2016?</p> <p style="text-align: right;">Jan 2016?</p> <p style="text-align: right;">Jan 2016?</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some OPP Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p style="text-align: right;">Jan 2016?</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil regulatory approach <ul style="list-style-type: none"> ○ Meeting with DPR to review regulatory draft • Pyrethroids Regulations enforcement <ul style="list-style-type: none"> ○ Progress update meeting with DPR 	<p style="text-align: right;">Jan. 2016</p> <p style="text-align: right;">Jan. 2016</p>
<p>Water Board Stormwater Strategic Plan</p> <p><i>True Source Control section will to lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • State Water Board decision meeting 	<p style="text-align: right;">Dec 1 or 15</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • EPA Environmental Modeling Public Meeting • SETAC (Salt Lake City) – UP3 representative will attend 	<p style="text-align: right;">Oct. 26</p> <p style="text-align: right;">Nov 1-5</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) (Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)
- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#)
- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – action unlikely
- Final U.S. EPA Nanoscale Materials Pesticides Policy and nanocopper regulation petition decision (status unclear; removed from OPP website in 2015)

- 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 2020)

California

- Water Board [Phase II Small MS4 General Permit](#) to add Pesticide TMDL implementation provisions in Regions 2, 3, & 5 (formal comments/State Board hearing fall 2015?)
- Central Valley Water Board Basin Plan Amendments [Pyrethroids](#) (draft language for public review Dec. 2015; stakeholder meeting Jan. 2016, Board workshop Feb. or April 2016, adoption vote in June 2016); [Diuron](#) (workshop & adoption vote 2016); [Diazinon/Chlorpyrifos](#) (awaiting US EPA approval)
- Central Valley Water Board updated water quality criteria for [bifenthrin, cyfluthrin, cypermethrin, esfenvalerate, lambda-cyhalothrin, and permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin, esfenvalerate, and permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated fall 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (New proposal late 2015; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – 2014 cycle—Regions 3,5,9—in 2016; 2016 cycle—Regions 2,4,8—in 2016?)
- 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 (finalized Dec. 2014; 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 fipronil foam product, momfluorothrin (new pyrethroid), copper-silver-zinc marine antifouling paint, and Smart Sponge Plus (for use in storm drains)
 - DPR final decision on PathShield (for use in storm drains)

Pesticides Regulatory Action Plan – December 2015

Item/Next Steps	Comments Due
<p>U.S. EPA Pesticide Registration Review (15-year cycle)</p> <p><i>Registration Review work plans:</i></p> <ul style="list-style-type: none"> • Ziram (Zinc 303(d) listings; priority pollutant) • Chromated Arsenicals (303(d) listings; priority pollutants) • Diuron (303(d) listing and TMDL in development) • Dicamba <p><i>Registration review environmental risk assessments:</i></p> <ul style="list-style-type: none"> • Simazine (303(d) listings; CV WB high relative risk) • Chlorpyrifos (303[d] listings and TMDLs) • Malathion • Diazinon (303[d] listings and TMDLs) • Glyphosate (controversial, UP3 Partner interest) 	<p style="text-align: center;">Nov 24 Nov 24</p> <p>Jan-Feb 2016 Jan-Feb 2016</p> <p>Jan-Feb Feb.? Feb.? Feb.? Jan?</p>
<p><i>Registration Review meetings with EPA:</i></p> <ul style="list-style-type: none"> • EPA teleconference re: upcoming ESA dialog • Workshop on ESA case study risk assessments - malathion, diazinon, chlorpyrifos (Washington DC + webcast?) • UP3 teleconference meeting on pyrethroids risk assessment 	<p style="text-align: center;">Nov. 30 Jan. 25</p> <p>Jan (TBD)</p>
<p>EPA Rulemaking</p> <p><i>Proposed elimination of some OPP Federal Register Notices</i></p> <ul style="list-style-type: none"> • Notice of proposed rulemaking 	<p>Jan 2016?</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil approach & Pyrethroids regulations enforcement <ul style="list-style-type: none"> ○ Meeting with DPR ○ Review draft fipronil regulations draft 	<p>Jan (TBD) Jan?</p>
<p>Water Board Strategy to Optimize Resource Management of Storm Water</p> <p><i>Will lay out groundwork for statewide urban pesticide plan</i></p> <ul style="list-style-type: none"> • State Water Board decision meeting 	<p>Dec 15</p>
<p>Water Board TMDLs</p> <p><i>Central Coast – Salinas River Pyrethroids</i></p> <ul style="list-style-type: none"> • Public Meeting (Salinas) <p><i>Central Valley – Pyrethroids</i></p> <ul style="list-style-type: none"> • Stakeholder meeting (Rancho Cordova & Teleconference) 	<p>Jan 18 Nov. 30</p>
<p>Scientific Meetings</p> <ul style="list-style-type: none"> • American Chemical Society (San Diego) 	<p>March 13-17</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) (Registration applications occur at any time; Registration reviews begin quarterly, usually in March, June, September, and December)

- Provide input to U.S. EPA on registration reviews about 9 months prior to risk assessments for highest priority pesticides
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- EPA effectiveness evaluation of Registration Review process to identify enhancements and efficiencies (Oct 2014-Sept 2015)
- U.S. EPA Update to [Guidelines for Deriving Aquatic Life Water Quality Criteria](#)
- Final U.S. EPA Nanoscale Materials Pesticides Policy and nanocopper regulation petition decision (status unclear; removed from OPP website in 2015)
- 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 2020)

California

- Water Board [Phase II Small MS4 General Permit](#) to add Pesticide TMDL implementation provisions in Regions 2, 3, & 5 (formal comments/State Board hearing fall 2015?)
- Central Valley Water Board Basin Plan Amendments [Pyrethroids](#) (draft language for public review Dec. 2015; stakeholder meeting Jan. 2016, Board workshop Feb. or April 2016, adoption vote in June 2016); [Diuron](#) (workshop & adoption vote 2016); [Diazinon/Chlorpyrifos](#) (awaiting US EPA approval)
- Central Valley Water Board updated water quality criteria for [bifenthrin](#), [cyfluthrin](#), [cypermethrin](#), [esfenvalerate](#), [lambda-cyhalothrin](#), and [permethrin](#) (public comment period to be in conjunction with Pyrethroids Basin Plan Amendment)
- Central Valley Water Board final [Sediment Criteria Methodology](#) and final sediment criteria for [bifenthrin](#), [esfenvalerate](#), and [permethrin](#) (no schedule)
- Central Coast [Lower Salinas River watershed sediment toxicity \(pyrethroids\) TMDL](#) (Public review of Draft TMDL report anticipated fall 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (New proposal Jan. 2016/State Water Board workshop April 2016; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (to be updated by region – 2014 cycle—Regions 3,5,9—in 2016; 2016 cycle—Regions 2,4,8—in 2016?)
- 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 (finalized Dec. 2014; 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 fipronil foam product, momfluorothrin (new pyrethroid), copper-silver-zinc marine antifouling paint, and Smart Sponge Plus (for use in storm drains)
 - DPR final decision on PathShield (for use in storm drains)