

Pesticides Regulatory Action Plan – January 2014

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Potential comment on environmental risk assessments (share latest information with EPA at least 9 months before publication): <ul style="list-style-type: none"> • Chlorpyrifos (remaining urban uses; air deposition) • Glyphosate (widespread use; public controversy) • Copper • Diazinon (air deposition); Malathion • Zinc pesticides; copper salts; silver and compounds; Imidacloprid (highly mobile; public controversy) 	Mar-Apr 2014 Mar-May 2014 May-July 2014 July-Sept 2014 ??
Potential comment on registration review work plans: <ul style="list-style-type: none"> • Phenoxy herbicide 2,4-DP • Other Phenoxy herbicides; Triclopyr; Pyraclostrobin; Thiophanate methyl 	Feb. 18 Mar-July 2014
<u>Santa Maria River Pesticides / Toxicity TMDL</u> <i>First California Water Board pyrethroids TMDL</i> <ul style="list-style-type: none"> • Public Hearing (Watsonville) 	Jan. 30
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment <ul style="list-style-type: none"> • Comments on Revised Proposed Basin Plan Amendment • Public Hearing (Rancho Cordova) 	Feb. 18 Mar. 27 or 28
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Continue follow up on DPR report that all product labels not revised and that some are incorrect 	Ongoing
Fipronil <ul style="list-style-type: none"> • Meeting with DPR to request action 	Jan. 22

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)
- EPA Pyrethroids Registration Review Risk Assessments – First one anticipated in December 2014 (Etofenprox).
- 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 is developing a two part plan involving short-term actions (to be completed soon) and long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)

- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA NCEA Nanomaterials case studies (these set research priorities) – are wastewater and stormwater continuing to be addressed? (Ongoing)
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before late 2014)
- Endangered species consultations/litigation (if could significantly affect urban pesticide use or could help with permit compliance in key geographic areas)
- New pyrethroid product labels that improve water quality protections (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- DPR Pyrethroids Reevaluation (track scientific data provided and coordinate with DPR)
- Central Valley Water Board [Sediment Criteria](#) (draft methodology – 2014)
- Central Valley Water Board Basin Plan Amendments: [Pyrethroids](#) and [Diuron](#) (workshops 2014; adoption vote 2014?)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – Spring 2014; Pesticides are primary cause of toxicity in California urban watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next [update](#) in early 2014)
- DTSC [nanomaterial information call-ins](#) (inactive)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) (are programs consistent with Water Board expectations in urban areas? – Draft EIR anticipated in January 2014)

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 decisions on [cyantraniliprole](#) (highly toxic pyrethroid alternative), momfluorothrin, and [silver-zinc marine antifouling paint](#)
 - DPR decisions on chlorantraniliprole (highly toxic pyrethroid alternative) and PathShield Antimicrobial Filter Media (for use in storm drains)

Scientific Information

- SRCSD *Hyalella* water column toxicity testing feasibility study report (due June 22, 2014)
- Fipronil Background Memo Update (for CASQA) – on hold
- Indoxacarb Background Memo – Pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms – on hold

Potential Meetings

- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding
- Calls with EPA on urban runoff modeling, swimming pools, antimicrobials – on hold

Pesticides Regulatory Action Plan – March 2014

Potential action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Review environmental risk assessments: <ul style="list-style-type: none"> • Metofluthrin (pyrethroid), Copper (303[d] listings) • Diazinon (air deposition); Malathion (303[d] listings, toxicity, monitoring data) • Chlorpyrifos (303[d] listings; remaining urban uses & air deposition); Zinc pesticides (303[d] listings); Silver and compounds (303[d] listings, toxicity); Imidacloprid (DPR urban interest list); Glyphosate (public controversy) 	May-Aug 2014 July-Aug 2014 ??
Final chance to share information prior to completion of environmental risk assessments (about 9 months prior to release): <ul style="list-style-type: none"> • Fipronil; Deltamethrin (pyrethroid) • Bifenthrin, Cyfluthrin, Tetramethrin (pyrethroids); Carbaryl 	June September
Review Registration Review work plans: <ul style="list-style-type: none"> • Phenoxy herbicides (DPR urban interest list); Triclopyr (DPR urban interest list); Thiophanate methyl (degrade toxicity) 	May-Aug 2014
DPR Registration Decision <ul style="list-style-type: none"> • Cyantraniliprole (highly toxic pyrethroid alternative) 	April 2014?
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment <ul style="list-style-type: none"> • Public Hearing on Revised Proposed Basin Plan Amendment (Rancho Cordova) 	Mar. 28
Central Valley Water Board Water & Sediment Criteria <ul style="list-style-type: none"> • Draft Water and Sediment Quality Criteria for Esfenvalerate • Draft Sediment Quality Criteria for Permethrin 	March 21 March 25
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Continue follow up on DPR report that all product labels not revised and that some are incorrect 	Ongoing

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)
- 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 is developing a two-part plan involving short-term actions (to be completed soon?) and long-term actions. No specifics are currently available.

- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before late 2014)
- 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 Plan for Fipronil (anticipated spring 2014)
- DPR Pyrethroids Reevaluation (track scientific data and coordinate with DPR)
- Central Coast Water Board [Santa Maria River Pesticides / Toxicity TMDL](#) (first California Water Board pyrethroids TMDL – State Water Board hearing in 2014)
- Central Valley Water Board Basin Plan Amendments: [Pyrethroids](#) and [Diuron](#) (workshops 2014; adoption votes 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and individual criteria for [bifenthrin](#) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – Spring 2014; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (updates scheduled: 2012 – Regions 1,6,7; 2014- Regions 3,5,9; 2016 – Regions 2,4,8)
- DTSC [nanomaterial information call-ins](#) (inactive)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) (are programs consistent with Water Board expectations in urban areas? – Draft EIR anticipated in May 2014)

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

Other

- SRCSD *Hyalella* water column toxicity testing feasibility study report (due June 22, 2014)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Pesticides Regulatory Action Plan – April 2014

Potential action items for this month are **highlighted**

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Environmental risk assessments: <ul style="list-style-type: none"> • Metofluthrin (pyrethroid) • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	June-Aug August November
Final chance to share information prior to completion of environmental risk assessments (about 9 months prior to release): <ul style="list-style-type: none"> • Deltamethrin (pyrethroid) • Copper (including salts and compounds), Simazine 	June September
Registration Review work plans: <ul style="list-style-type: none"> • MCPA (phenoxy herbicide - DPR urban interest list) • Thiophanate methyl (degradate toxicity) • Other Phenoxy herbicides (DPR urban interest list); Triclopyr (DPR urban interest list); Zinc pyriithione (303[d] listings for zinc) 	May 27 May 27 August?
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Sept-Oct?
DPR Registration Decision <ul style="list-style-type: none"> • Cyantraniliprole (highly toxic pyrethroid alternative) 	June?
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Continue follow up on DPR report that all product labels not revised and that some are incorrect 	Ongoing
Central Coast Santa Maria River Pesticides / Toxicity TMDL First California Water Board pyrethroids TMDL <ul style="list-style-type: none"> • Comments due to State Water Board 	May 21 (noon)

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)
- 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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy

- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before late 2014)
- 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 Plan for Fipronil (anticipated spring 2014)
- DPR Pyrethroids Reevaluation (track scientific data and coordinate with DPR)
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and individual criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – summer 2014; Pesticides are primary cause of toxicity in California watersheds)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity [303\(d\) listings](#) (updates scheduled: 2012 Report (2014 completion) – Regions 1,6,7; 2014 - Regions 3,5,9; 2016 – Regions 2,4,8)
- DTSC [nanomaterial information call-ins](#) (inactive)
- California Department of Food & Agriculture [Program EIR on invasive species control](#) (are programs consistent with Water Board expectations in urban areas? – Draft EIR anticipated in May 2014)

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 decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative) and PathShield Antimicrobial Filter Media (for use in storm drains)

Other

- SRCSD *Hyalella* water column toxicity testing feasibility study report (due June 22, 2014)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Pesticides Regulatory Action Plan – May 2014

Potential action items for this month are **highlighted**

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Environmental risk assessments: <ul style="list-style-type: none"> • Metofluthrin (pyrethroid) • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	July-Aug August November
Final chance to share information prior to completion of environmental risk assessments (about 9 months prior to release): <ul style="list-style-type: none"> • Deltamethrin (pyrethroid) • Copper (including salts and compounds), Simazine 	June September
Registration Review work plans: <ul style="list-style-type: none"> • MCPA (phenoxy herbicide - DPR urban interest list) • Thiophanate methyl (degradate toxicity) • Other Phenoxy herbicides (DPR urban interest list); Triclopyr (DPR urban interest list); Zinc pyriithione (303[d] listings for zinc) 	May 27 May 27 August?
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Sept-Oct?
DPR Registration Decision <ul style="list-style-type: none"> • Cyantraniliprole (highly toxic pyrethroid alternative) 	June?
California Department of Food & Agriculture <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) 	July?
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Continue follow up on DPR report that all product labels not revised and that some are incorrect 	Ongoing
Central Coast Santa Maria River Pesticides / Toxicity TMDL First California Water Board pyrethroids TMDL <ul style="list-style-type: none"> • Comments due to State Water Board • State Water Board hearing 	May 21 (noon) June 17?

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)
- 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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before late 2014)
- 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 (next update – late July)
- DPR Pyrethroids Reevaluation (track scientific data and coordinate with DPR)
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and final criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – summer 2014; 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 2014; Regions 3,5,9 in 2014; Regions 2,4,8 in 2016)
- 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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), copper sulfate antimicrobial, novaluron (first outdoor structural use of toxic pyrethroid alternative), fipronil foam product, and PathShield Antimicrobial Filter Media (for use in storm drains)

Other

- SRCSD *Hyalella* water column toxicity testing feasibility study report (due June 22, 2014)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Pesticides Regulatory Action Plan – June 2014

Potential action items for this month are **highlighted**

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Registration review decisions: <ul style="list-style-type: none"> • Metofluthrin (pyrethroid) – termination without risk assessment 	August 4
Environmental risk assessments: <ul style="list-style-type: none"> • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	September? November
Registration Review work plans: <ul style="list-style-type: none"> • MCPP • Zinc pyrethione (303[d] listings for zinc) 	August 25 August 25?
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Sept-Oct?
DPR Registration Decision <ul style="list-style-type: none"> • Cyantraniliprole (highly toxic pyrethroid alternative) • Etofenprox (pyrethroid) – mosquito abatement 	July 19 July 12
California Department of Food & Agriculture <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) 	August?
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Continue follow up on DPR report that all product labels not revised and that some are incorrect 	Ongoing
Central Coast Santa Maria River Pesticides / Toxicity TMDL First California Water Board pyrethroids TMDL <ul style="list-style-type: none"> • State Water Board hearing 	July 2

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 (next – Copper in fall 2014)
- 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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.

- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before 2015)
- 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 (next update – late July)
- DPR Pyrethroids Reevaluation (track scientific data and coordinate with DPR)
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and final criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – fall 2014; 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 2014; Regions 3,5,9 in 2014; Regions 2,4,8 in 2016)
- 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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), copper sulfate antimicrobial, novaluron (first outdoor structural use of toxic pyrethroid alternative), fipronil foam product, and PathShield Antimicrobial Filter Media (for use in storm drains)

Other

- SRCSD *Hyalella* water column toxicity testing feasibility study report (due June 22, 2014)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Pesticides Regulatory Action Plan – July 2014

Potential action items for this month are **highlighted**

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Registration review decisions: <ul style="list-style-type: none"> • Metofluthrin (pyrethroid) – termination without risk assessment 	August 4
Environmental risk assessments: <ul style="list-style-type: none"> • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	September? November
Registration Review work plans: <ul style="list-style-type: none"> • MCPP • Zinc pyrethione (303[d] listings for zinc) 	August 25 Sept?
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Sept-Oct?
DPR Registration Decision <ul style="list-style-type: none"> • Cyantraniliprole (highly toxic pyrethroid alternative) 	July 18
California Department of Food & Agriculture <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) – anticipate release Aug. 8 	Sept-Oct?
Bifenthrin professional products labels <ul style="list-style-type: none"> • Fipronil action plan – next update • Pyrethroids Reevaluation update – status meeting --Continue follow up on DPR report that all bifenthrin product labels not revised and that some are incorrect 	Late July Sept?
Pesticides Scientific Conferences <ul style="list-style-type: none"> • American Chemical Society (San Francisco) --Pesticide manufacturer, DPR, and EPA presentations --UP3 Presentations: appropriate pesticide mitigation strategies in urban areas; sources of pesticides in urban runoff • Society of Environmental Toxicology and Chemistry (Vancouver) --Pesticide manufacturer presentations --UP3 Presentation on fipronil water pollution 	Aug. 10-14 Nov. 9-13

Items to watch for:

Federal

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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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before 2015)
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- [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: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and final criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – fall 2014; Pesticides are primary cause of toxicity in California watersheds)
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- 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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), copper sulfate antimicrobial, novaluron (first outdoor structural use of toxic pyrethroid alternative), fipronil foam product, and PathShield Antimicrobial Filter Media (for use in storm drains)

Pesticides Regulatory Action Plan – August 2014

Potential action items for this month are highlighted

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Environmental risk assessments: <ul style="list-style-type: none"> • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	November? November
Registration Review work plans: <ul style="list-style-type: none"> • MCPP • Zinc pyrethione (303[d] listings for zinc) 	August 25 November
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Sept-Oct?
California Department of Food & Agriculture <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) – anticipate release August 25 	Oct. 9
Water Board Pesticide TMDLs <ul style="list-style-type: none"> • Central Valley Water Board Pyrethroids Basin Plan Amendment – stakeholder meeting on draft language 	Sept. 22
DPR Pesticide Management <ul style="list-style-type: none"> • Fipronil action plan – next update • Pyrethroids Reevaluation update – status meeting --Continue follow up on DPR report that all bifenthrin product labels not revised and that some are incorrect 	mid-Oct. Sept?
Pesticides Scientific Conferences <ul style="list-style-type: none"> • Society of Environmental Toxicology and Chemistry (Vancouver) --Pesticide manufacturer presentations --UP3 Presentation on fipronil water pollution 	Nov. 9-13

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 (next – Copper, Deltamethrin in fall 2014)
- 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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.

- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before 2015)
- 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
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and final criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – fall 2014; 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 2014; Regions 3,5,9 in 2014; Regions 2,4,8 in 2016)
- 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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR final decisions on remaining cyantraniliprole products (highly toxic pyrethroid alternative), and initial decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), copper sulfate antimicrobial, novaluron (first outdoor structural use of toxic pyrethroid alternative), fipronil foam product, and PathShield Antimicrobial Filter Media (for use in storm drains)

Pesticides Regulatory Action Plan – September 2014

Potential action items for this month are highlighted

Item/Next Steps	Comments Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Environmental risk assessments: <ul style="list-style-type: none"> • Glyphosate (public controversy) • Malathion (303[d] listings, toxicity, monitoring data) 	November? November
Registration Review work plans: <ul style="list-style-type: none"> • Zinc pyrethione (303[d] listings for zinc) 	November
EPA Registration Decision <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Oct?
California Department of Food & Agriculture <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) 	Oct. 31
Water Boards <ul style="list-style-type: none"> • Central Valley Water Board Pyrethroids Basin Plan Amendment – stakeholder meeting on draft language • State Water Board Workshop on Urban Pesticides 	Sept. 22 Nov. 4
DPR Pesticide Management <ul style="list-style-type: none"> • Fipronil action plan – next update (Dave T. / Kelly M.) • Pyrethroids mitigation – status check (Dave T. / CASQA Pesticides Subcommittee) 	mid-Oct. Sept.
Pesticides Scientific Conferences <ul style="list-style-type: none"> • Society of Environmental Toxicology and Chemistry (Vancouver) <ul style="list-style-type: none"> --Pesticide manufacturer presentations --UP3 Presentation on fipronil water pollution 	Nov. 9-13

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)
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- U.S. EPA OPP/OW [Common Effects Assessment Methodology](#) – EPA reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)

- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before 2015)
- Endangered species consultations/litigation ([Nationwide](#) and [California](#) - if could significantly affect urban pesticide use or could help with permit compliance in key geographic areas)
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- Central Valley Water Board final [Sediment Criteria Methodology & Bifenthrin Criteria](#) and final criteria for [bifenthrin](#) (sediment), for [esfenvalerate](#) (water & sediment), and [permethrin](#) (sediment) (anticipated in 2014)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – fall 2014; 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 2014; Regions 3,5,9 in 2014; Regions 2,4,8 in 2016)
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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)
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 - DPR final decisions on remaining cyantraniliprole products (highly toxic pyrethroid alternative), and initial decisions on chlorantraniliprole (first outdoor structural use of highly toxic pyrethroid alternative), novaluron (first outdoor structural use of toxic pyrethroid alternative), fipronil foam product, momfluorothrin (new pyrethroid), and PathShield Antimicrobial Filter Media (for use in storm drains)

Pesticides Regulatory Action Plan – October 2014

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"> • Zinc pyrethione (303[d] listings for zinc) • 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: right;">Nov. 24 Feb. 2015</p> <p style="text-align: right;">Feb. 2015 Feb. 2015 Feb. 2015 Feb. 2015 Feb. or May 2015</p>
<p>EPA Registration Decision</p> <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	<p style="text-align: right;">Nov.?</p>
<p>California Department of Food & Agriculture</p> <ul style="list-style-type: none"> • Draft Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?) 	<p style="text-align: right;">Oct. 31</p>
<p>Water Boards</p> <ul style="list-style-type: none"> • Central Valley Water Board Pyrethroids Basin Plan Amendment – two stakeholder meetings on draft language • State Water Board Workshop on Urban Pesticides 	<p style="text-align: right;">Oct 23 & Nov 7 Nov. 4</p>
<p>DPR Pesticide Management</p> <ul style="list-style-type: none"> • Fipronil action plan – next update (Dave T. / Kelly M.) • Pyrethroids mitigation – status check (Dave T. / CASQA Pesticides Subcommittee) • Chlorpyrifos – agricultural restricted material designation 	<p style="text-align: right;">mid-Oct. Oct. ?</p> <p style="text-align: right;">Nov. 12</p>
<p>Pesticides Scientific Conferences</p> <ul style="list-style-type: none"> • Society of Environmental Toxicology and Chemistry (Vancouver) --Pesticide manufacturer presentations --UP3 Presentation on fipronil water pollution 	<p style="text-align: right;">Nov. 9-13</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)
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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 reports piloting a near-term methodology and has three offices working long-term actions. No specifics are currently available.
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (rule being developed; formal proposal unlikely before 2015)
- 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
- Central Valley Water Board Basin Plan Amendments: [Diazinon/Chlorpyrifos](#) (State Water Board hearing in 2014 or 2015); [Pyrethroids](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final water quality criteria for [esfenvalerate](#) (December 2014)
- 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 2014 or 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – fall 2014; 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 2014; Regions 3,5,9 in 2014; Regions 2,4,8 in 2016)
- 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)
 - EPA decision on [silver-zinc marine antifouling paint](#)
 - DPR final decisions on remaining cyantraniliprole products (highly toxic pyrethroid alternative), and 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 – November 2014

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"> • Zinc pyrethione (303[d] listings for zinc) • 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: right;">Nov. 24 Feb. 2015</p> <p style="text-align: right;">Feb. 2015 Feb. 2015 Feb. 2015 Feb. 2015 Feb. or May 2015</p>
<p>EPA Registration Decision</p> <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	<p style="text-align: right;">Dec.?</p>
<p>Water Boards</p> <ul style="list-style-type: none"> • Central Valley Water Board Pyrethroids Basin Plan Amendment – comments on draft language (informal comment period) 	<p style="text-align: right;">Dec. 1</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 style="text-align: right;">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](#) (workshop 2014; adoption vote 2015); [Diuron](#) (workshop & adoption vote spring/summer 2015)
- Central Valley Water Board final water quality criteria for [esfenvalerate](#) (December 2014)
- 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 2014 or 2015)
- State Water Board [Policy for Toxicity Assessment and Control](#) (Board Hearing – winter 2014/15; 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 2014; Regions 3,5,9 in 2014; 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 (awaiting response to comments, expected in 2015)
- DTSC [nanomaterial information call-ins](#) (inactive)

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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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 - 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 – December 2014

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;">Feb. 2015</p> <p style="text-align: center;">Feb. 2015</p> <p style="text-align: center;">Feb. 2015</p> <p style="text-align: center;">Feb. 2015</p> <p style="text-align: center;">Feb. or May 2015</p>
<p>EPA Registration Decision</p> <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	<p style="text-align: center;">Jan.?</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 style="text-align: center;">Spring 2015</p>

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Federal

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