

Pesticides Regulatory Action Plan – January 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Sumithrin (comments not recommended: Pyrethrins, Tetramethrin)	Feb. 21
Cypermethrin	May
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control)	June-Aug
DPR Procedures for Evaluating New Pesticides for Surface Water Protection Reports detailing proposed process and its scientific basis available. <ul style="list-style-type: none"> • Set up meeting with DPR 	Jan.?
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to determine next steps • Identify POTW participants 	Dec.-Jan Ongoing
U.S. EPA OPP/OW Common Effects Assessment Methodology Methodology proposal anticipated in January. <ul style="list-style-type: none"> • Monitor EPA Science Advisory Panel review • Technical Support Document (implementation directions)—Public input process currently unclear. 	Jan 31-Feb 2 Mid-2012
Fipronil Pyrethroid substitute with multiple persistent, toxic degrades, used only in urban areas, found in both sediment & water at potentially harmful concentrations. <ul style="list-style-type: none"> • Background Memo Update (CASQA) • Encourage DPR action? Review EPA final Registration Review workplan to decide. 	Early 2012 Jan.

Items to watch for:

Federal

- U.S. EPA Pesticide 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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue)
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Region 9 Delta ANPR next steps (end of 2011)
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking
- 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 (anticipate starting to appear in stores in late 2011; may not be fully in place until 2016)

California

- DPR Surface Water Regulations to reduce pyrethroids in urban runoff (finalization anticipated summer 2012)
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – early 2012)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses anticipated in 2011)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 decision on cyantraniliprole
- Urban Pesticides Committee (Information-sharing forum on urban pesticide use and water quality) – Next meeting in spring 2012
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyaella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments. Data will provide a scientific basis for EPA source control actions.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, complete in mid-2012)
- Vacaville effluent monitoring (report early 2012)
- SRCSD *Hyaella* toxicity testing study report (report in fall 2012?)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – February 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Sumithrin	Feb. 21
Cypermethrin	May
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control)	June-Aug
DPR Procedures for Evaluating New Pesticides for Surface Water Protection Reports detailing proposed process and its scientific basis available. <ul style="list-style-type: none"> • Set up meeting with DPR 	March?
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to determine next steps 	Feb-Mar
Water Board Basin Plan Amendments State Water Board review of Lahontan Basin Plan amendment to prohibit pesticides in discharges—no exceptions for NPDES permittees <ul style="list-style-type: none"> • Comments to State Water Board 	March 1
Fipronil Pyrethroid substitute with multiple persistent, toxic degradates, used only in urban areas, found in both sediment & water at potentially harmful concentrations. <ul style="list-style-type: none"> • Background Memo Update (CASQA) 	Spring 2012

Items to watch for:

Federal

- U.S. EPA Pesticide 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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – final methodology and Technical Support Document (implementation directions) (mid-2012)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue)
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Region 9 Delta ANPR next steps (early 2012)
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking
- 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 (anticipate starting to appear in stores in late 2011; may not be fully in place until 2016)

California

- DPR Surface Water Regulations to reduce pyrethroids in urban runoff (finalization anticipated summer 2012)
- Bifenthrin label changes reflecting additional mitigation measures (spring 2012)
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – spring 2012)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses anticipated in 2011)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 decisions on cyantranilprole and silver-containing paint
- Urban Pesticides Committee (Information-sharing forum on urban pesticide use and water quality) – Next meeting in spring 2012
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, complete in mid-2012)
- Vacaville effluent monitoring (report early 2012)
- SRCSD *Hyalella* toxicity testing study report (report in fall 2012?)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – March 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Cypermethrin	May
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control)	June-Aug
DPR Surface Water Regulations to reduce pyrethroids in urban runoff <ul style="list-style-type: none"> • Minor wording clarifications and corrections (15-day review) (Do not anticipate a need for comments) • Finalization anticipated summer 2012 	Late March
DPR Registration Applications: <ul style="list-style-type: none"> • Silver cooling water biocide 	ASAP
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to determine next steps 	ASAP
Water Board Basin Plan Amendments State Water Board review of Lahontan Basin Plan amendment to prohibit pesticides in discharges—no exceptions for NPDES permittees <ul style="list-style-type: none"> • Comments to State Water Board 	March 1
Water Board Vector Control Permit Modification addressing applications in watersheds impaired by pyrethroids and/or organophosphate insecticides. <ul style="list-style-type: none"> • Possible CASQA input on larger need for cooperation with EPA & DPR 	Mar. 12 @ noon (letters) Apr. 3 (hearing)
Fipronil Pyrethroid substitute with multiple persistent, toxic degrades, used only in urban areas, found in both sediment & water at potentially harmful concentrations. <ul style="list-style-type: none"> • Background Memo Update (CASQA) 	Late spring 2012

Items to watch for:

Federal

- U.S. EPA Pesticide 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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – **Next step unclear** – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)

- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Region 9 Delta ANPR next steps (spring 2012)
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (stalled)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – As of 2/24/12, 100% sent to EPA; nearly 50% received by DPR
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- DPR Procedures for Evaluating New Pesticides for Surface Water Protection – Plan meeting with DPR when POTWs ready and human benchmarks are out
- Central Valley Water Board Sediment Criteria (draft methodology – spring 2012)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 decisions on cyantraniliprole and silver-containing paint
- Urban Pesticides Committee (Information-sharing forum on urban pesticide use and water quality) – Next meeting in spring 2012
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, draft report summer 2012)
- Vacaville effluent monitoring (report late spring 2012)
- SRCSD *Hyalella* toxicity testing study report (report in 2012 or 2013?)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – April 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Cypermethrin	May
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control)	June-Aug
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to determine next steps 	ASAP
Water Board Vector Control Permit Modification addressing applications in watersheds impaired by pyrethroids and/or organophosphate insecticides. <ul style="list-style-type: none"> • CASQA testimony on larger need for cooperation with EPA & DPR 	Apr. 3 (hearing)
U.S. EPA OPP/OW Common Effects Assessment Methodology Next step unclear – may be final methodology and Technical Support Document. <ul style="list-style-type: none"> • Set up meeting with Don Brady, OPP (NACWA/Tamayo) 	Early May?
Fipronil Pyrethroid substitute with multiple persistent, toxic degrades, used only in urban areas, found in both sediment & water at potentially harmful concentrations. <ul style="list-style-type: none"> • Background Memo Update (CASQA) 	Late spring 2012

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Region 9 Delta ANPR next steps (by July 2012)
- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (stalled)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- DPR Surface Water Regulations to reduce pyrethroids in urban runoff - Finalization anticipated by summer 2012
- Bifenthrin label changes reflecting additional mitigation measures – Under review by EPA and DPR; expect to be on products by summer 2012
- State Water Board review of Lahontan Basin Plan amendment to prohibit pesticides in discharges—no exceptions for NPDES permittees (comments submitted by Tri-TAC 3/12; hearing not set)
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- DPR Procedures for Evaluating New Pesticides for Surface Water Protection – Plan meeting with DPR when POTWs ready and human benchmarks are out
- Central Valley Water Board Sediment Criteria (draft methodology – spring 2012)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 decisions on cyantraniliprole, silver-containing paint, and silver cooling water additive
- Urban Pesticides Committee (Information-sharing forum on urban pesticide use and water quality) – **Final** meeting in May or June 2012
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, draft report summer 2012)
- Vacaville effluent monitoring (report late spring or summer 2012)
- SRCSD *Hyalella* toxicity testing study report (report in 2012 or 2013?)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – May 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Cypermethrin, Chlorothalonil, Perboric Acid, Bleach	May 29
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control), PHMB (swimming pool biocide)	June-Aug
Metofluthrin, Tefluthrin	Sept-Nov
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb	Jun-Aug 2013
Urban Pesticides Committee Information-sharing forum on urban pesticide use and water quality. Important opportunity to educate pesticide regulators, manufacturers, and users about water quality agency interests. <ul style="list-style-type: none"> • Meeting at ABAG, 101 Eighth Street in Oakland (room 171) or by phone 916-255-4044 	May 15, 9 a.m. – 1 p.m.
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements 	Ongoing
U.S. EPA OPP/OW Common Effects Assessment Methodology Next step unclear – may be final methodology and Technical Support Document. <ul style="list-style-type: none"> • Meeting with OPP (Tamayo/NACWA?) 	May 2
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA Fipronil Background Memo Update (Kelly Moran) <ul style="list-style-type: none"> • Updated Memo for CASQA 	Summer 2012 Summer 2012

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- U.S. EPA petition decisions (nanosilver registration, nanocopper regulation, request to ban triclosan)
- Final U.S. EPA Nanoscale Materials Pesticides Policy
- U.S. EPA Region 9 Delta ANPR next steps (by July 2012)

- U.S. EPA Pesticide Inert Ingredient Disclosure rulemaking (stalled)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- DPR Surface Water Regulations to reduce pyrethroids in urban runoff - Finalization anticipated by summer 2012
- Bifenthrin label changes reflecting additional mitigation measures – Under review by EPA and DPR; expect to be on products by summer 2012
- State Water Board review of Lahontan Basin Plan amendment to prohibit pesticides in discharges—no exceptions for NPDES permittees (comments submitted by Tri-TAC 3/12; hearing not set)
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – spring 2012)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 and DPR decisions on cyantraniliprole, DPR decisions on silver-containing paint, and silver cooling water additive
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, draft report summer 2012)
- Vacaville effluent monitoring (report late spring or summer 2012)
- SRCSD *Hyalella* toxicity testing study report (report in 2012 or 2013?)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – June 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Cypermethrin, Chlorothalonil, Perboric Acid, Bleach	May 29
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control), PHMB (swimming pool biocide)	July-Aug
Metofluthrin, Tefluthrin	Sept-Nov
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb	Jun-Aug 2013
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements 	Ongoing
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA Fipronil Background Memo Update (Kelly Moran) <ul style="list-style-type: none"> • Updated Memo for CASQA 	Summer 2012 Summer 2012

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA Region 9 Delta ANPR next steps (by July 2012)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 (stalled)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- DPR Surface Water Regulations to reduce pyrethroids in urban runoff – Sent to Office of Administrative Law May 7; anticipate approval by mid-June and effective in mid-July

- Bifenthrin label changes reflecting additional mitigation measures – Under review by EPA and DPR; expect to be on products by summer 2012
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2012)
- Central Valley Water Board Basin Plan Amendments:
 - Diazinon/Chlorpyrifos - 2012
 - Pyrethroids - 2013
 - Diuron – 2013?
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 and DPR decisions on cyantranilprole, DPR decisions on silver-containing paint, and silver cooling water additive
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – need meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, draft report summer 2012)
- Vacaville effluent monitoring (report late spring or summer 2012)
- SRCSD *Hyalella* toxicity testing study report (report in 2012 or 2013?)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (status report summer 2012; final report late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – July 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Resmethrin, Prallethrin, MGK-264 (synergist), Dichlobenil (sewer root control), PHMB (swimming pool biocide)	Sept? (EPA delay)
Metofluthrin and Tefluthrin (pyrethroids)	Sept-Nov
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
DPR Surface Water Regulations to reduce pyrethroids in urban runoff	Rule becomes effective July 19
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements 	Ongoing
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA Fipronil Background Memo Update (Kelly Moran) <ul style="list-style-type: none"> • Updated Memo for CASQA 	Summer 2012 Fall 2012

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA Region 9 Delta ANPR next steps (by July 2012)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 2013)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – Under review by EPA and DPR; expect to be on products by summer 2012
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2012)
- Central Valley Water Board Basin Plan Amendments:
 - Diazinon/Chlorpyrifos - 2012
 - Pyrethroids - 2013
 - Diuron – 2013?
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- California Department of Food & Agriculture Program EIR on invasive species control (are programs consistent with Water Board expectations in urban areas?)

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 and DPR decisions on cyantranilprole, DPR decisions on silver-containing paint
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – next meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, first journal paper anticipated fall 2012)
- Vacaville effluent monitoring (report fall 2012?)
- SRCSD *Hyalella* toxicity testing study report (report in 2012 or 2013?)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (restricted distribution progress report submitted May 2012; final report due late 2012 or 2013)
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – August 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Resmethrin and Prallethrin (pyrethroids) MGK-264 (synergist) Dichlobenil (sewer root control) PHMB (swimming pool biocide) Nanosilver	Sept 10
Metofluthrin and Tefluthrin (pyrethroids)	Nov (tentative)
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements 	Ongoing
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA 	Summer 2012

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA Region 9 Delta ANPR next steps (**anticipated by end of July 2012**)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 2013)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – Under review by EPA and DPR; **expect to be on products by summer 2012**
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2012)
- Central Valley Water Board Basin Plan Amendments:
 - Diazinon/Chlorpyrifos - 2012
 - Pyrethroids - 2013
 - Diuron – 2013?
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- 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 early 2013)

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 and DPR decisions on cyantraniliprole, DPR decisions on silver-containing paint
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – next meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Understanding DPR's plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
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Scientific Information

POTW studies:

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- Vacaville effluent monitoring (report fall 2012?)
- SRCSD *Hyalella* toxicity testing study report (schedule TBD when Water Board completes workplan review)
- PWG "Pathways Study" to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (restricted distribution progress report submitted May 2012; final report due late 2012 or 2013)
- Fipronil Background Memo Update (for CASQA) – On hold pending funding
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team's education and work with EPA and DPR.

Pesticides Regulatory Action Plan – September 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Resmethrin and Prallethrin (pyrethroids) MGK-264 (synergist) Dichlobenil (sewer root control) PHMB (swimming pool biocide) Nanosilver	Sept 10
Metofluthrin and Tefluthrin (pyrethroids)	Nov (tentative)
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June 2013
EPA ESA/Registration Review Procedure Changes Comment on changes, including registrant-only “Focus” meetings	Oct. 16
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements Follow up with DPR on monitoring effectiveness of surface water protection regulations	Ongoing Sept
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA 	Summer 2012
Meetings CASQA/Water Boards meeting with DPR management Meetings with DPR staff (Kelly) Call with EPA on swimming pools Central Valley Water Board Pesticide TMDL/BPA meeting Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure SETAC Conference (interactions with EPA, DPR and scientists) CASQA Conference (interactions with scientists & stormwater community)	9/13 9/12 or 13? Sept. or Oct.? Sept. 25 Oct.? Fall? Nov. 11-15 Nov. 5-7

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

- U.S. EPA Region 9 Delta ANPR next steps (anticipated any day)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 2013)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – Expect to be on products in summer 2012
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2012)
- Central Valley Water Board Basin Plan Amendments:
 - Diazinon/Chlorpyrifos - 2012
 - Pyrethroids - 2013
 - Diuron – 2013?
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- 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 early 2013)

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 and DPR decisions on cyantraniliprole, DPR decisions on silver-containing paint
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – next meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (Hyaella LC50s)
 - Understanding DPR’s plan for effectiveness monitoring once surface water regulations are implemented.
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, first journal paper anticipated fall 2012)
- Vacaville effluent monitoring (report fall 2012?)
- SRCSD *Hyalella* toxicity testing study report (schedule TBD when Water Board completes workplan review)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (restricted distribution progress report submitted May 2012; final report due late 2012 or 2013)
- Fipronil Background Memo Update (for CASQA) – On hold pending funding
- Indoxacarb – New pyrethroid substitute with degradates that are relatively persistent and highly toxic to aquatic organisms. Used both indoors & outdoors. Consider Background Memo to summarize basic information including its aquatic toxicity, usage, and monitoring data. This memo is needed to support team’s education and work with EPA and DPR. – on hold pending funding

Pesticides Regulatory Action Plan – October 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Metofluthrin and Tefluthrin (pyrethroids)	Nov (tentative)
Triclosan, Phenol, 2,4-D	Nov-Jan
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June 2013
EPA ESA/Registration Review Procedure Changes Comment on changes, including registrant-only “FOCUS” meetings	Oct. 16
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Continue work with PWG and DPR to finalize QAPP and participant agreements 	Ongoing
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA 	Summer 2012
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure SETAC Conference (interactions with EPA, DPR and scientists) CASQA Conference (interactions with scientists & stormwater community)	Oct.? Oct.? Fall? Nov. 11-15 Nov. 5-7

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 2013)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – **Expect to be on professional products in summer 2012**
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2012)
- Central Valley Water Board Basin Plan Amendments: Diazinon/Chlorpyrifos (2012); Pyrethroids (2013); Diuron (2013?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- 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 early 2013)

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 and DPR decisions on cyantraniliprole, DPR decisions on silver-containing paint
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – next meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, first journal paper anticipated fall 2012)
- Vacaville effluent monitoring (report fall 2012?)
- SRCSD *Hyalella* toxicity testing study report (schedule TBD when Water Board completes workplan review)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (restricted distribution progress report submitted May 2012; final report due late 2012 or 2013)
- 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

Pesticides Regulatory Action Plan – November 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Acetamiprid (persistent, toxic pyrethroid replacement)	Nov 26
Triclosan, Phenol, 2,4-D	Dec-Feb
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June 2013
EPA Pesticide Program Dialogue Committee Nominations Letters to nominate or support candidates	Nov. 9
DPR Pesticide Registration Decision to register silver-containing biocide for paint, fabrics, etc.	Nov. 17
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • work with PWG and DPR to finalize QAPP and participants 	Ongoing
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA (in review) 	Fall 2012
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure SETAC Conference (interactions with EPA, DPR, and scientists) CASQA Conference (interactions with scientists & stormwater community)	Winter Winter Winter Nov. 11-15 Nov. 5-7

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)
- Responses to past team comments and revised documents (e.g., U.S. EPA Registration Review, EPA Registrations)
- U.S. EPA OPP/OW Common Effects Assessment Methodology – Next step unclear – may be final methodology and Technical Support Document
- EPA ESA/Registration Review Procedure Changes, including registrant & grower-only “focus” meetings
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (overdue—stalled at OMB)
- 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 2013)
- 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 (most expected to enter market in 2012; may not be fully in place until 2016)

California

- Bifenthrin label changes reflecting additional mitigation measures – **Expect to be on professional products in 2012**
- Water Board Whole Effluent Toxicity (WET) Policy (Provide information as appropriate to Tri-TAC Water Committee and CASQA Policy & Permitting)
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2013)
- Central Valley Water Board Basin Plan Amendments: Diazinon/Chlorpyrifos (Board Workshop 12/12; adoption vote early 2013); Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
- 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 early 2013)

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 and DPR decisions on cyantraniliprole
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – next meeting unknown due to lack of funding
- Unaddressed Pyrethroid priorities:
 - Water column aquatic toxicity data (*Hyalella* LC50s)
 - Strategy to ensure that as much data as possible is available to EPA by mid-2013, when it will start its Registration Review risk assessments.
 - Analysis of product use information and POTW monitoring data to provide insight on POTW discharge pyrethroids sources

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POTW studies:

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- SRCSD *Hyalella* toxicity testing study report (schedule TBD when Water Board completes workplan review)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (restricted distribution progress report submitted May 2012; final report due late 2012 or 2013)
- 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

Pesticides Regulatory Action Plan – December 2012

Action items for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Triclosan, Phenol, 2,4-D	Jan-Feb
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug 2013
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June 2013
Pyrethroid Reevaluation POTW Pyrethroid Survey – seeking to measure pyrethroids in influent, effluent & biosolids from 20+ POTWs <ul style="list-style-type: none"> • Work with PWG and DPR to finalize QAPP and participants 	December
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA (in review) 	Winter 2012
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Winter Winter Winter

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

- Bifenthrin label changes reflecting additional mitigation measures – **Expect to be on professional products by end of 2012**
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2013)
- Central Valley Water Board Basin Plan Amendments: Diazinon/Chlorpyrifos (Board Workshop 12/12; adoption vote early 2013); Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings, TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current activity (confirmed 5/12)
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