

Pesticides Regulatory Action Plan – January 2013

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:	
Phenol, 2,4-D, Hydramethylnon and others <ul style="list-style-type: none"> • Identify funding for initial review of dockets / draft workplans and recommendations on possible comments • Comments due 	Dec-Jan Feb 12
Triclosan – workplan does not appear to have been released as scheduled – contact EPA for information	Dec-Jan
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June
DPR Registration Comments to DPR on application to register Clothianidin for bed bug control	Dec
State Water Board Aquatic Pesticides Permits Aquatic Pesticides Permit for Algae and Aquatic Weed Control (Hearing 2/19/13)	Dec 24
Pyrethroid Reevaluation <ul style="list-style-type: none"> • POTW Pyrethroid Survey Sample collection • POTW Pyrethroid Survey Report preparation 	Jan-Mar July-Aug
Bifenthrin professional products label changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Confirm with DPR that labels are in place for all products 	Dec-Jan
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA 	Dec-Jan
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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

- Central Valley Water Board Sediment Criteria (draft methodology – summer 2013)
- Central Valley Water Board Basin Plan Amendments: Diazinon/Chlorpyrifos (Board Workshop soon; 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

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, first journal paper anticipated late 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 – February 2013

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:	
Hydramethylnon	Feb 12
Chlorinated isocyanurates (thank-you letter for improved exposure pathway identification process)	Feb 12
Triclosan	Late May
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June?
State Water Board Aquatic Pesticides Permits Aquatic Pesticides Permit for Algae and Aquatic Weed Control Hearing (written comments were due in December)	Feb 19
Pyrethroid Reevaluation <ul style="list-style-type: none"> • POTW Pyrethroid Survey Sample collection • POTW Pyrethroid Survey Report preparation 	Jan-Mar July-Aug
Bifenthrin professional products label changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Confirm with DPR that labels are in place for all products 	Feb
CASQA Scientific Summaries Pyrethroids and Fipronil Monitoring Data Compilation Update (Armand Ruby) <ul style="list-style-type: none"> • Technical report for CASQA 	Jan-Feb
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure Meeting with DPR on monitoring effectiveness of pyrethroids surface water regulations	Delayed Delayed Delayed Delayed

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 (Finalization anticipated in Feb. 2013)

- 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

- DPR Registration decisions – Clothianidin, Cyantraniliprole
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2013)
- Central Valley Water Board Basin Plan Amendments: Diazinon/Chlorpyrifos (Board Workshop 4/13; adoption 5/13 or 7/13); 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

Scientific Information

POTW studies:

- SRCSD special study (partnership with DPR, PWG, and University of California, first journal paper anticipated in early 2013)
- 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 in 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 – March 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Triclosan	Late May
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June?
Chlorpyrifos (remaining urban uses & air deposition) <ul style="list-style-type: none"> • Volatilization assessment – letters to request that EPA include long-distance air transport in its upcoming environmental risk assessment • Environmental risk assessment 	March 8 (likely to be extended to early May) Mar-Apr 2014
State Water Board Aquatic Pesticides Permits Aquatic Pesticides Permit for Algae and Aquatic Weed Control Hearing (written comments were due in December)	March 5
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. <ul style="list-style-type: none"> • Board Workshop • Comments due • Adoption Hearing 	April 11 or 12 April 19 May 30 or 31
Pyrethroid Reevaluation <ul style="list-style-type: none"> • POTW Pyrethroid Survey Sample collection • POTW Pyrethroid Survey Report preparation 	Jan-Mar July-Aug
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Follow up on DPR report that all product labels not revised 	Mar
CASQA Scientific Summaries <ul style="list-style-type: none"> • Pyrethroids / Fipronil Monitoring Data Compilation Update for CASQA (Armand Ruby) 	Feb
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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 – EPA is developing a two part plan involving short-term actions (to be completed soon) and long-term actions. No specifics are currently available.
- 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 (Finalization anticipated in Feb. 2013)
- 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- DPR Registration decisions – Cyantranilprole
- Central Valley Water Board Sediment Criteria (draft methodology – summer 2013)
- Central Valley Water Board Basin Plan Amendments: Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next update in early 2014), 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 cyantranilprole
- 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 in early 2013)
- 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 in 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 – April 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Triclosan	Late May
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June? (Delayed)
Chlorpyrifos (remaining urban uses & air deposition) <ul style="list-style-type: none"> • Volatilization assessment – letters to request that EPA include long-distance air transport into urban areas in its upcoming environmental risk assessment • Environmental risk assessment 	May 6 Mar-Apr 2014
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. <ul style="list-style-type: none"> • Board Workshop • Comments due • Adoption Hearing 	April 11 or 12 April 19 May 30 or 31
Central Coast Santa Maria River Pesticides / Toxicity TMDL First California Water Board Pyrethroids TMDL <ul style="list-style-type: none"> • Comments on proposed Basin Plan amendment 	Mar 29 (noon)
Pyrethroid Reevaluation <ul style="list-style-type: none"> • Receive preliminary POTW Pyrethroid Survey data • POTW Pyrethroid Survey Report outline • POTW Pyrethroid Survey Report preparation 	March-May May July-Aug
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Follow up on DPR report that all product labels not revised 	Mar
CASQA Scientific Summaries <ul style="list-style-type: none"> • Pyrethroids / Fipronil Monitoring Data Compilation Update for CASQA (Armand Ruby) 	Mar
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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 – EPA is developing a two part plan involving short-term actions (to be completed soon) and long-term actions. No specifics are currently available.
- EPA ESA/Registration Review Procedure Changes, including registrant & grower-only “focus” meetings (in 1/13, EPA, USDA, and Services started meetings to review public comments)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (Delayed – was set for Feb 2013)
- 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Valley Water Board Sediment Criteria (draft methodology – mid-2013)
- Central Valley Water Board Basin Plan Amendments: Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next update in early 2014), TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current or planned activity (confirmed 3/13)
- 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

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in mid to late 2013
- 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 in 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 – May 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Triclosan	May 28
Indoxacarb (persistent, toxic pyrethroids replacement)	Jun-Aug
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	June? (Delayed)
Chlorpyrifos (remaining urban uses & air deposition) <ul style="list-style-type: none"> • Volatilization assessment – letters to request that EPA include long-distance air transport into urban areas in its upcoming environmental risk assessment • Environmental risk assessment 	May 6 Mar-Apr 2014
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. <ul style="list-style-type: none"> • Comments due • Adoption Hearing 	May 20 July 25 or 26
Pyrethroid Reevaluation <ul style="list-style-type: none"> • Receive preliminary POTW Pyrethroid Survey data • POTW Pyrethroid Survey Report outline • POTW Pyrethroid Survey Report preparation 	March-April May July-Aug
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> • Follow up on DPR report that all product labels not revised 	April
CASQA Scientific Summaries <ul style="list-style-type: none"> • Pyrethroids / Fipronil Monitoring Data Compilation Update for CASQA (Armand Ruby) 	April
Fipronil <ul style="list-style-type: none"> • Consider request for action communication to DPR 	Fall
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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 – EPA is developing a two part plan involving short-term actions (to be completed soon) and long-term actions. No specifics are currently available.
- EPA ESA/Registration Review Procedure Changes, including registrant & grower-only “focus” meetings (Focus meetings occurring without notice; currently seeking noticing and ability for other stakeholders to hold parallel meetings)
- U.S. EPA Antimicrobials Data Rule - final rule detailing data requirements for biocide (“antimicrobials”) registration (Expected by May 1 2013)
- 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Coast Water Board Santa Maria River Pesticides / Toxicity TMDL – first California Water Board [Pyrethroids TMDL](#) (water board hearing in mid 2013)
- Central Valley Water Board Sediment Criteria (draft methodology – mid-2013)
- Central Valley Water Board Basin Plan Amendments: Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next update in early 2014), TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current or planned activity (confirmed 3/13)
- 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 cyantranilprole
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in mid to late 2013
- 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 (final report due in 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 – June 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle) Comment on draft workplans:	
Indoxacarb (persistent, toxic pyrethroids replacement)	August
Comment on environmental risk assessments:	
Silver (used both indoors & outdoors)	Delayed (planned for June)
Chlorpyrifos (remaining urban uses & air deposition) • Environmental risk assessment	Mar-Apr 2014
DPR Pesticide Registration Clothianidin bed bug product – proposed registration	June 22
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. • Adoption Hearing	July 25 or 26
Pyrethroid Reevaluation • POTW Pyrethroid Survey Draft Report - comments	August 9
Bifenthrin professional products labels Changes reflecting additional mitigation measures • Follow up on DPR report that all product labels not revised	June
CASQA Scientific Summaries • Pyrethroids / Fipronil Monitoring Data Compilation Update for CASQA (Armand Ruby)	April
Fipronil • Consider request for action communication to DPR	Fall
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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 – 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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Coast Water Board Santa Maria River Pesticides / Toxicity TMDL – first California Water Board [Pyrethroids TMDL](#) (water board hearing in mid 2013)
- Central Valley Water Board Sediment Criteria (draft methodology – mid-2013)
- Central Valley Water Board Basin Plan Amendments: Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next update in early 2014), TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current or planned activity (confirmed 3/13)
- 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 and DPR decisions on cyantraniliprole
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in late 2013
- SRCSD *Hyalella* water column toxicity testing feasibility study report (June 22, 2014)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (final report due in 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 – July 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Comment on draft workplan: Indoxacarb (persistent, toxic pyrethroids replacement)	Late August
Comment on environmental risk assessments: <i>Most schedules substantially delayed due to data call-in delays</i> <ul style="list-style-type: none"> Request schedule updates 	July
U.S. EPA Pesticide Registration Proposed registration of cyantraniliprole, pyrethroid substitute for broadcast applications around structures and indoor general use. EPA did not assess risks of urban applications of this insecticide that is very highly toxic to aquatic organisms. <ul style="list-style-type: none"> Comments on proposed registration 	July 6
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. <ul style="list-style-type: none"> Adoption Hearing 	July 25 or 26
Los Angeles Water Board Ballona Creek Toxicity TMDL Pyrethroid-related toxicity identified after TMDL adoption <ul style="list-style-type: none"> Initial workshop on TMDL revisions 	July 1
Pyrethroid Reevaluation <ul style="list-style-type: none"> POTW Pyrethroid Survey Draft Report Comments due to PWG 	July 19 August 9
Bifenthrin professional products labels Changes reflecting additional mitigation measures <ul style="list-style-type: none"> Follow up on DPR report that all product labels not revised 	July
CASQA Scientific Summaries <ul style="list-style-type: none"> Pyrethroids / Fipronil Monitoring Data Compilation Update for CASQA (Armand Ruby) 	July
Fipronil <ul style="list-style-type: none"> Consider request for action communication to DPR 	Fall
Meetings Call with EPA on swimming pools Call with EPA on antimicrobials (tentative) Meeting with DPR on gaps in surface water registration procedure	Delayed Delayed Delayed

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)
- 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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Coast Water Board Santa Maria River Pesticides / Toxicity TMDL – first California Water Board [Pyrethroids TMDL](#) (water board hearing in mid 2013)
- Central Valley Water Board Sediment Criteria (draft methodology – mid-2013)
- Central Valley Water Board Basin Plan Amendments: Pyrethroids and Diuron (workshops 2013; adoption vote 2014?)
- NPDES Permits (track toxicity testing & other pesticide-related provisions)
- Pesticide/toxicity 303(d) listings (next update in early 2014), TMDLs & Basin Plan amendments (track)
- DTSC nanomaterial information call-ins (nanosilver and carbon nanotube responses) – no current or planned activity (confirmed 3/13)
- 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 decision on silver-zinc marine antifouling paint
 - DPR decision on chlorantraniliprole (highly toxic pyrethroid alternative)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in late 2013
- SRCSD *Hyalella* water column toxicity testing feasibility study report (June 22, 2014)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (final report due in 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 – August 2013

Action items and new information for this month are **highlighted**

Item/Next Steps	Date Due
U.S. EPA Pesticide Registration Review (15-year cycle)	
Comment on draft workplan: Indoxacarb (persistent, toxic pyrethroids replacement)	August 26
Comment on environmental risk assessments: <i>Most schedules substantially delayed due to data call-in delays</i> <ul style="list-style-type: none"> • Requested schedule updates (July) - anticipated EPA response in August 	(August)
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment Proposed water quality objectives, TMDLs for 40 water bodies, revisions of additional adopted TMDLs, and policies & monitoring programs for alternative pesticides. <ul style="list-style-type: none"> • Revised Proposed Basin Plan Amendment • Adoption Hearing 	September December
Pyrethroid Reevaluation – POTW Pyrethroid Survey <ul style="list-style-type: none"> • POTW Pyrethroid Survey Draft Report to Tri-TAC • Comments due from Tri-TAC to PWG • Report to DPR & Water Boards for review • Comments due from DPR & Water Boards 	July 26 August 16 September 18 October 2
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 	August
Fipronil <ul style="list-style-type: none"> • Consider request for action communication to DPR 	Fall
Meetings/Conferences <ul style="list-style-type: none"> • American Chemical Society, Indianapolis – PWG presentation on POTW pyrethroids survey • CASQA Conference, Tahoe – multiple presentations on pesticides monitoring • SETAC Conference, Nashville – PWG presentation on POTW pyrethroids survey 	September 9-12 September 9-11 November 18-21

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)
- 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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Coast Water Board [Santa Maria River Pesticides / Toxicity TMDL](#) – first California Water Board [Pyrethroids TMDL](#) (water board hearing in mid 2013)
- Los Angeles Water Board [Ballona Creek Toxicity TMDL reconsideration](#); pyrethroid-related toxicity identified (workshop 7/13; next steps TBD)
- Central Valley Water Board [Sediment Criteria](#) (draft methodology – mid-2013)
- Central Valley Water Board Basin Plan Amendments: [Pyrethroids](#) and [Diuron](#) (workshops 2013; adoption vote 2014?)
- 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) and [silver-zinc marine antifouling paint](#)
 - DPR decision on chlorantraniliprole (highly toxic pyrethroid alternative)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in late 2013
- SRCSD *Hyalella* water column toxicity testing feasibility study report (June 22, 2014)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (final report due in 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

Potential Meetings

- Call with EPA on urban runoff modeling
- Call with EPA on swimming pools
- Call with EPA on antimicrobials

Pesticides Regulatory Action Plan – September 2013

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"> • Imidacloprid (highly mobile; public controversy) • Chlorpyrifos (remaining urban uses; air deposition) • Glyphosate (widespread use; public controversy) • Copper • Diazinon (air deposition); Malathion • Zinc pesticides; copper salts; silver and compounds 	Oct-Dec 2013? Jan-Apr 2014 Feb-May 2014 May-July 2014 July-Sept 2014 ??
Potential comment on registration review work plans: <ul style="list-style-type: none"> • Phenoxy herbicides; Triclopyr; Dithiopyr; Pyraclostrobin; Thiophanate methyl 	Dec 2013 – Summer 2014
Central Valley Diazinon/Chlorpyrifos Basin Plan Amendment <ul style="list-style-type: none"> • Revised Proposed Basin Plan Amendment • Adoption Hearing 	October? December
Pyrethroid Reevaluation – POTW Pyrethroid Survey <ul style="list-style-type: none"> • Report to DPR & Water Boards for review • Paper for public distribution 	September Oct – Nov
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 	October
Fipronil <ul style="list-style-type: none"> • Consider request for action to DPR 	Fall
Meetings/Conferences <ul style="list-style-type: none"> • State of the San Francisco Estuary Conference • SETAC Conference, Nashville – PWG presentation on POTW pyrethroids survey 	October 29-30 November 18-21

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)
- 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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Coast Water Board [Santa Maria River Pesticides / Toxicity TMDL](#) – first California Water Board Pyrethroids TMDL (water board hearing in Dec. or Jan.)
- Los Angeles Water Board [Ballona Creek Toxicity TMDL reconsideration](#); pyrethroid-related toxicity identified (workshop 7/13; next steps TBD)
- Central Valley Water Board [Sediment Criteria](#) (draft methodology – 2013)
- Central Valley Water Board Basin Plan Amendments: [Pyrethroids](#) and [Diuron](#) (workshops 2013; adoption vote 2014?)
- State Water Board [Policy for Toxicity Assessment and Control](#) (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 [cyantranilprole](#) (highly toxic pyrethroid alternative) and [silver-zinc marine antifouling paint](#)
 - DPR decision on chlorantranilprole (highly toxic pyrethroid alternative)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

Scientific Information

- SRCSD special study (partnership with DPR, PWG, and University of California) – two journal papers anticipated in late 2013
- SRCSD *Hyalella* water column toxicity testing feasibility study report (June 22, 2014)
- PWG “Pathways Study” to explore pyrethroid wash-off from outdoor applications at a simulated residential setting (final report due in 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

Potential Meetings

- Call with EPA on urban runoff modeling
- Call with EPA on swimming pools
- Call with EPA on antimicrobials

Pesticides Regulatory Action Plan – October 2013

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) 	Jan-Apr 2014 Feb-May 2014 May-July 2014 July-Sept 2014 ??
Potential comment on registration review work plans: <ul style="list-style-type: none"> • Methoprene • Phenoxy herbicides; Triclopyr; Dithiopyr; Pyraclostrobin; Thiophanate methyl 	Nov. 25 Dec 2013 – Summer 2014
<u>Santa Maria River Pesticides / Toxicity TMDL</u> <i>First California Water Board pyrethroids TMDL</i> <ul style="list-style-type: none"> • Comments on CEQA documents • Public Hearing (Watsonville) 	Nov. 29 Jan 30-31
<u>Ballona Creek Toxic Pollutants TMDL reconsideration</u> <i>LA Region: Pyrethroid-related toxicity complicates implementation</i> <ul style="list-style-type: none"> • Comments due • Public Hearing 	Nov. 14 Dec. 5
Central Valley <u>Diazinon/Chlorpyrifos Basin Plan Amendment</u> <ul style="list-style-type: none"> • Revised Proposed Basin Plan Amendment • Adoption Hearing 	October? December?
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 	October- November
Fipronil <ul style="list-style-type: none"> • Consider request for action to DPR 	December
Meetings/Conferences <ul style="list-style-type: none"> • State of the San Francisco Estuary Conference • SETAC Conference, Nashville – PWG presentations 	October 29-30 November 18-21

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)
- 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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Valley Water Board [Sediment Criteria](#) (draft methodology – 2013)
- Central Valley Water Board Basin Plan Amendments: [Pyrethroids](#) and [Diuron](#) (workshops 2013; adoption vote 2014?)
- State Water Board [Policy for Toxicity Assessment and Control](#) (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) and [silver-zinc marine antifouling paint](#)
 - DPR decisions on chlorantraniliprole (highly toxic pyrethroid alternative) and PathShield Antimicrobial Filter Media (for use in storm drains)
- Urban Pesticides Committee - Information-sharing forum on urban pesticide use and water quality – no future meetings planned due to lack of funding

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

- Call with EPA on urban runoff modeling
- Call with EPA on swimming pools
- Call with EPA on antimicrobials

Pesticides Regulatory Action Plan – November 2013

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) 	Jan-Apr 2014 Feb-May 2014 May-July 2014 July-Sept 2014 ??
Potential comment on registration review work plans: <ul style="list-style-type: none"> • Methoprene • Phenoxy herbicides; Triclopyr; Dithiopyr; Pyraclostrobin; Thiophanate methyl 	Nov. 25 Dec 2013 – Summer 2014
U.S. EPA Pesticide Registration <ul style="list-style-type: none"> • Momfluorothrin (new pyrethroid) 	Nov. 29
<u>Santa Maria River Pesticides / Toxicity TMDL</u> <i>First California Water Board pyrethroids TMDL</i> <ul style="list-style-type: none"> • Comments on CEQA documents • Public Hearing (Watsonville) 	Nov. 29 Jan 30-31
<u>Ballona Creek Toxic Pollutants TMDL reconsideration</u> <i>LA Region: Pyrethroid-related toxicity complicates implementation</i> <ul style="list-style-type: none"> • Public Hearing 	Dec. 5
Central Valley <u>Diazinon/Chlorpyrifos Basin Plan Amendment</u> <ul style="list-style-type: none"> • Revised Proposed Basin Plan Amendment • Adoption Hearing 	December? February?
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 	November
Fipronil <ul style="list-style-type: none"> • Consider request for action to DPR 	December
Meetings/Conferences <ul style="list-style-type: none"> • SETAC Conference, Nashville – PWG presentations 	November 18-21

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 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 (some done, rest not until registration review completed for all pyrethroids, late this decade)

California

- Central Valley Water Board [Sediment Criteria](#) (draft methodology – 2013)
- 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) 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