

Toxics Reduction Strategy

2017 Updates

July 13, 2017

*Presented to the
Oregon Environmental Quality Commission*

Presentation Overview

- Toxics Reduction Strategy Background
- 2012 Strategy Accomplishments
- 2017 Strategy Update
- EQC Role

Toxics Reduction Strategy Background



Complement
Core Work



Integrated
Strategic
Approach



Partnerships



Source
Reduction

25 Actions

Toxics Reduction Strategy Background

Priority Chemical “Focus” List

Combustion & Petroleum By-Products:	Polycyclic Aromatic Hydrocarbons (PAHs)	Dioxins and Furans	Napthalenes		
Consumer Product Constituents:	Phthalates	Triclosan	4-Nonyphenol (and Nonyphenol Ethoxylates)	Bisphenol A	DEET
Current Use Pesticides:	Diazinon	Chlorpyrifos	Atrazine	Trifluralin	Chlorothalonil
	Malathion Glyphosate	Permethrin Hexachlorocyclohexane (HCH), gamma-(Lindane)	Carbaryl 2,4-D	Pentachlorophenol Propoxur (Baygon)	Diuron Pendamethalin
Flame Retardants and Industrial Intermediates:	Polybrominated Diphenyl Ethers (PBDEs)	Polychlorinated Biphenyls (PCBs)	Ammonia		
Legacy Pesticides:	Dieldrin	DDT (and metabolites)	Chlordane (and metabolites)	Aldrin	Methoxychlor
	Heptachlor (& Heptachlor epoxide)	Hexachlorocyclohexane, beta-(beta-BHC)	Hexachlorobenzene	Hexachlorocyclohexane, alpha-(alpha-BHC)	
Metals:	Mercury (and methylmercury)	Copper	Cadmium	Chromium	Arsenic
	Lead	Nickel	Manganese	Silver	
Volatile Organic Compounds (VOCs):	Tetrachloroethylene	Benzene	Ethylbenzene	Trichloroethylene	Dichlorobenzene, 1,4-(Dichlorobenzene-p)
	Toluene	Formaldehyde			

2012 Accomplishments: Government procurement

- DEQ supporting DAS on low toxicity product procurement
 - Janitorial and Cleaning Supplies Pilot
 - General guidelines for all products
 - Follow up work on office supplies and furniture
 - New DEQ position



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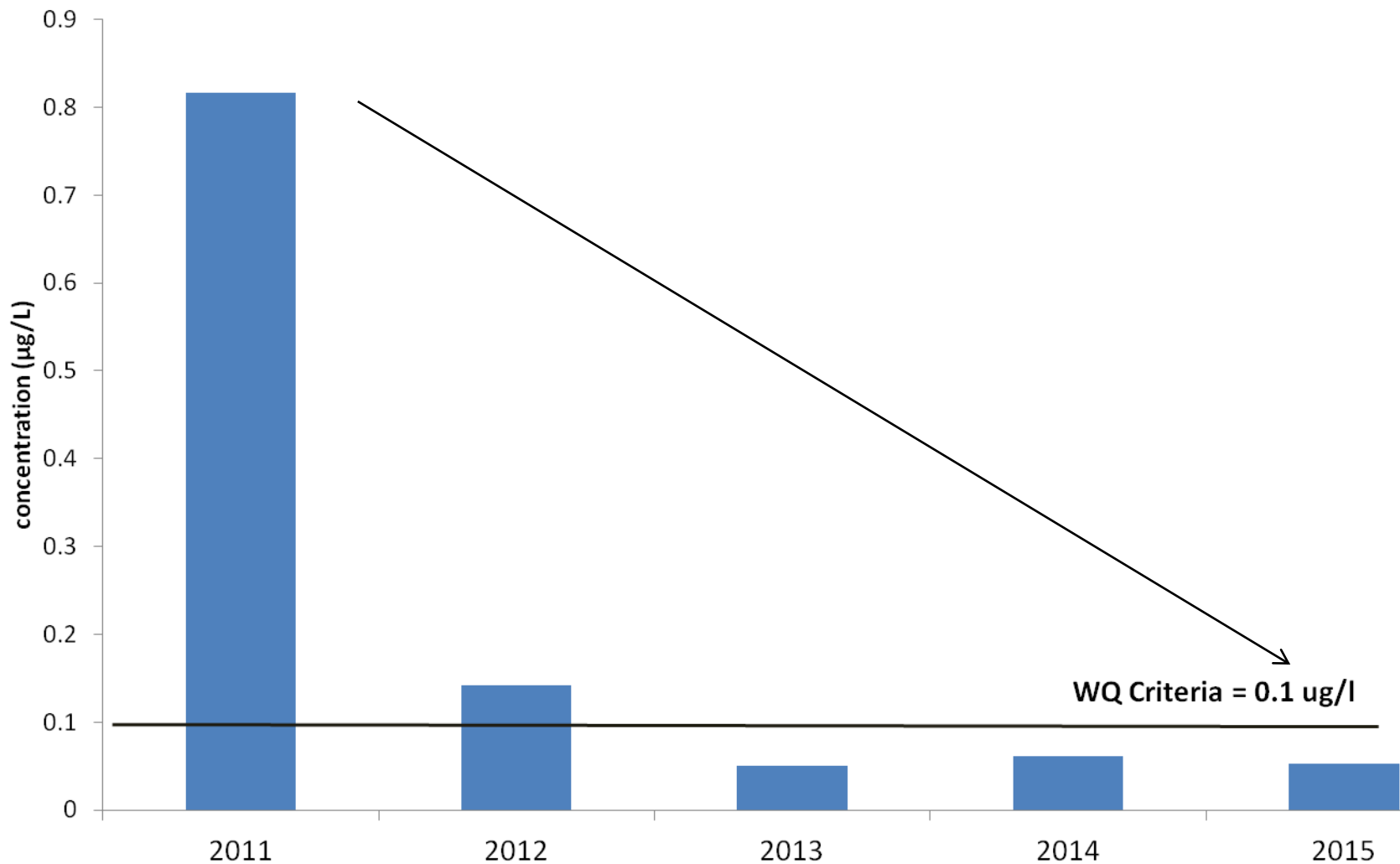
2012 Accomplishments: Pesticide stewardship partnerships

- 2013 and 2015 Oregon Legislatures provided funding to ODA and DEQ to:
 - Expand water monitoring of current use pesticides in Oregon watersheds
 - Increase collection of waste pesticides:
 - ***265,000 pounds from 415 growers and applicators since 2014***
 - Provide stewardship technical assistance support to local partners



Malathion in Wasco Watersheds 2011 - 2015

Median Concentration of Detections



2012 Accomplishments: Advancing Safer Chemistry

- Regional and Interstate Collaborations to Advance Safer Chemistry:
 - Developing assessment tools
 - Sharing data, expertise and resources
 - Conducting trainings on evaluating safer alternatives
 - Shaping federal toxics policies



2017 Strategy Update

**ELEMENTS
OF
UPDATE**

Inventory

**New or
Modified
Actions**

**Prioritize
Actions**

2017 Strategy Update

Current Status



formed DEQ team



assembled inventory



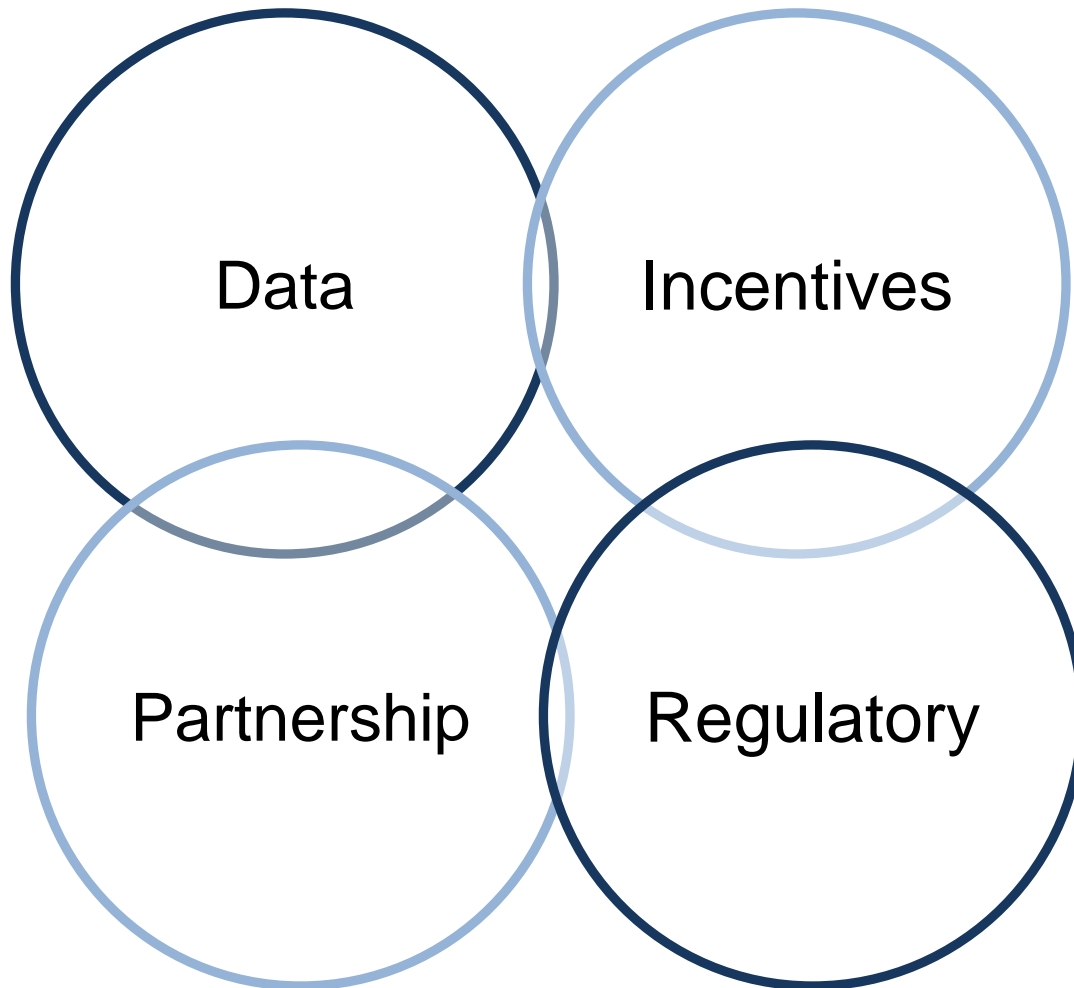
identifying new or modified
actions to reduce toxics



began development of
communications strategies and
tools

2017 Strategy Update

Themes of Actions



2017 Strategy Update



Public
Webinar



Target
Specific
Partners



Web
Pages



Social
Media

Stakeholder Involvement Plan

2017 Strategy Update-Timeline



EQC Role

Opportunity
for comments,
input and
direction



Support the
Strategy and
implementation
plan

Questions or feedback?

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