

# Concepts for Regulating Pesticides to Protect Surface Water

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*MAA Meeting*

**April 2010**



# Surface Water Concepts

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# Which Pesticides?

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- Reviewing 70 pesticides detected at least twice in SW
- 95<sup>th</sup> percentile concentration = 10 ppb
- With EPA aquatic benchmark or equivalent of up to 50 ppb

# Where?

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- Statewide regulations
- Agricultural applications
- Urban applications by pest control businesses



# What?

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- Build on dormant spray regulations
- Address drift and runoff as sources
- Certain uses would be exempt

# Drift Control – Ag Uses

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- Buffer zones between application site and sensitive aquatic areas, including canals and drainage ditches
- 25, 100 and 150 ft for low pressure ground, high pressure ground, and aerial apps, resp.
- No change in current restrictions on dormant aerial apps

# Drift Control – Outdoor Non Ag by Pest Control Business

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- Buffer zones between application site and sensitive aquatic areas, including canals and drainage ditches
- 25 and 100 feet for low pressure ground and high pressure ground, resp.
- Alternative: business in compliance if certified by sustainable or green organization approved by Director, and following standards

# Runoff – Production Ag

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- Do not apply if soil moisture at field capacity and storm forecast within 48 hours, and
- Do not apply if storm that could cause runoff forecast within 48 hours, and
- Treat runoff with technology, such as Landguard, or
- Hold all runoff for 72-hours: applies for any runoff event up to 30 days after application, or
- Alternative: apply under provisions of a sustainable plan administered by third party approved by director



# Runoff – Non Production Ag and Non Ag

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- Do not apply if storm forecast within 48 hours, and
- Only crack and crevice treatments to impervious surfaces, sweep up granules, no apps to saturated soil, no apps within 10 ft of drains, cover termiticide treatments if rain before slab poured, and
- Do not apply unless the property operator or resident has been advised not to allow irrigation runoff for 72 hours
- Alternative: business in compliance if certified by sustainable or green organization approved by Director, and following standards

# Timeline

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- Holding workshops and meeting with interested parties
- Informal comments due by June 2010
- If we go forward, formal rulemaking initiated by end of 2010.