Background - Proposed Urban Pesticides Amendment Elements

The Proposed Urban Pesticides Amendment do not affect any other TMDL MS4 compliance efforts for other stormwater pollutants

ELEMENT A. Pesticides Regulatory Coordination (USEPA, DPR MAA)

ELEMENT B. Urban Pesticides Coordinated Monitoring Program requirements for pesticides and toxicity in urban receiving waters, including a statewide monitoring framework

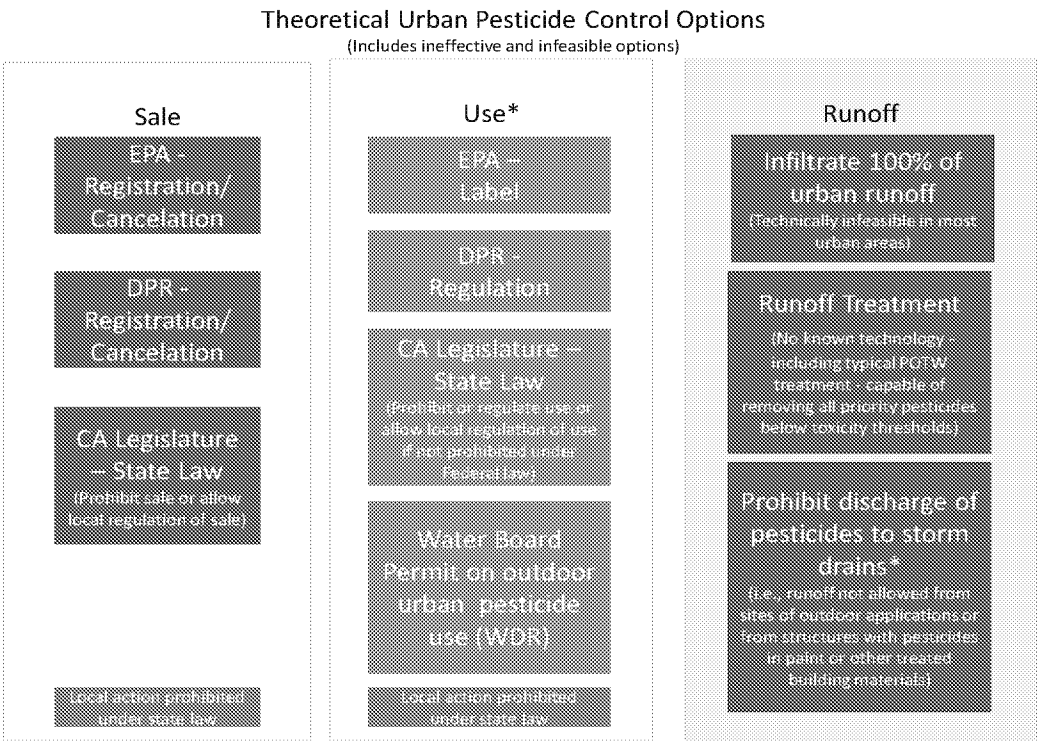
ELEMENT C. MS4 Permit Requirements

- **MS4_1.** Create an **in-house Integrated Pest Management (IPM) policy** and accompanying procedure to limit the MS4's own pesticide use.
- **MS4_2.** Conduct **public outreach on IPM to residential and commercial pesticide users**, those who hire structural pest control and landscape professionals, and to pest control professionals
- **MS4_3.** **Effectively Prohibit non-stormwater discharges**, including excess irrigation water
- **MS4_4.** Participate in **monitoring & other efforts to provide information** supporting pesticides regulatory efforts and to evaluate effectiveness.
- **MS4_5.** Continue implementation of stormwater capture and treatment **BMPs to mitigate other driving stormwater pollutants**.

Pesticide Control Areas

Pesticides in the urban environment can be reduced in three control areas: (a) Sale, (b) Use, and (c) Runoff.

Figure 1 – Urban Pesticide Control Options



*Impregnated materials like building paint, treated wood, and roofing materials virtually impossible to control after sale to due lack of labeling

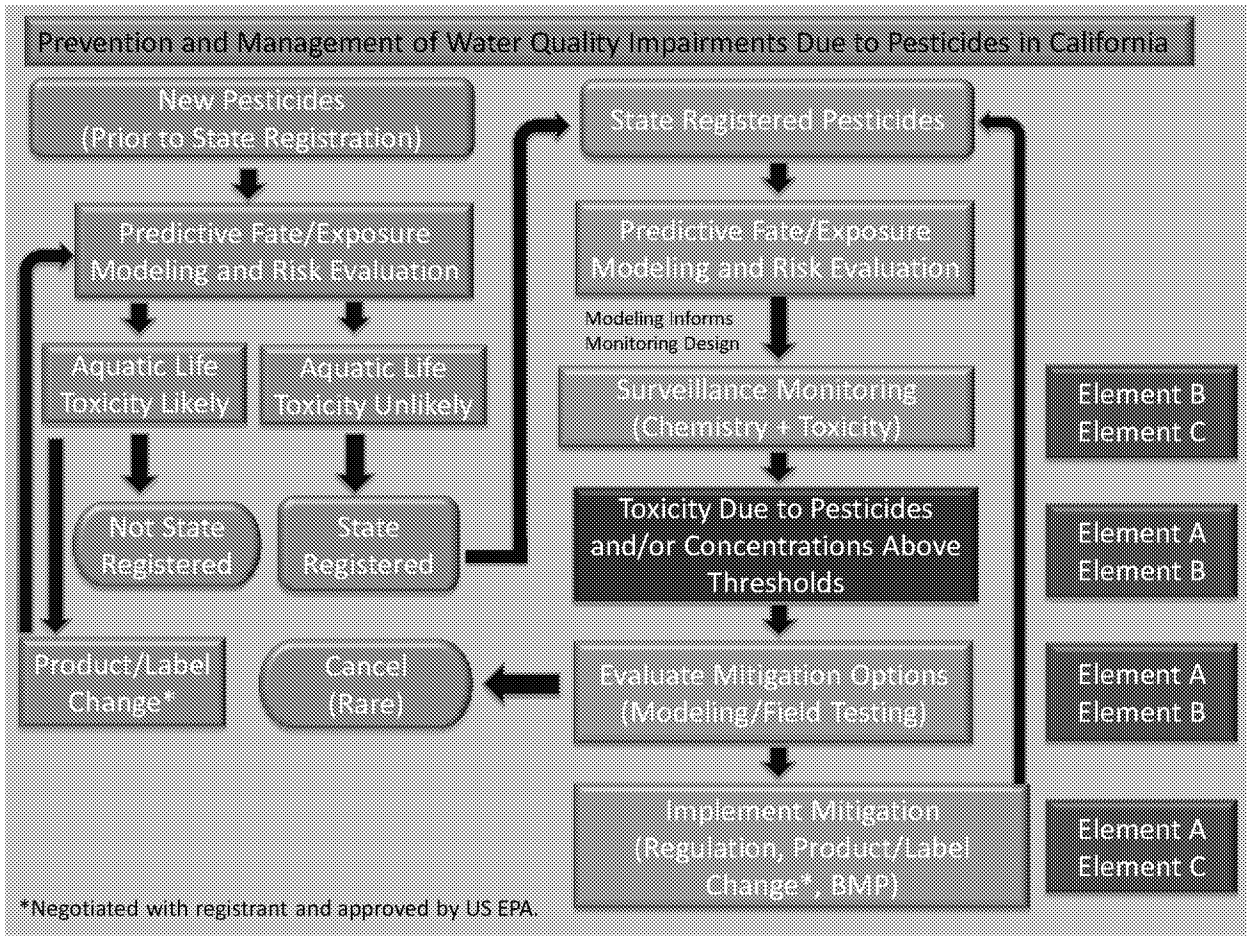
UPA Program of Implementation Elements addressing the Pesticide Control Areas

The various elements of the Urban Pesticides Amendments will affect the sale, use and runoff of pesticides in urban areas as shown in **Table 1** below.

Table 1. Urban Pesticides Amendment Elements addressing Control Areas

	A. Pesticide Regulatory Coordination (USEPA DPR MAA)	B. Statewide Monitoring Framework	C. MS4 Permit Requirements (1-5)
a. Sale	Coordination will provide valuable information to DPR and USEPA OPP to affect decisions on requirements for sale and labeling of pesticides	Data Collected from monitoring will inform sale regulations	MS4_4: Data collected from monitoring will inform DPR regulation on sales
b. Use		Data Collected from monitoring will inform label use requirements	MS4_1: IPM program affecting use on MS4 properties MS4_2: Public Outreach affecting use MS4_4: Data collected from monitoring will inform DPR Regulation on Use
c. Runoff	N/A	Special Studies can provide information identifying BMP efficiencies for pesticide treatment	MS4_3: Dry weather runoff prohibition MS4_5: BMPs for other stormwater runoff pollutants will treat pesticides

Figure 2 – How the Amendments fit into the DPR regulatory process



Program of Implementation Review

Water Board staff will assess this Program of Implementation 5 years after adoption.