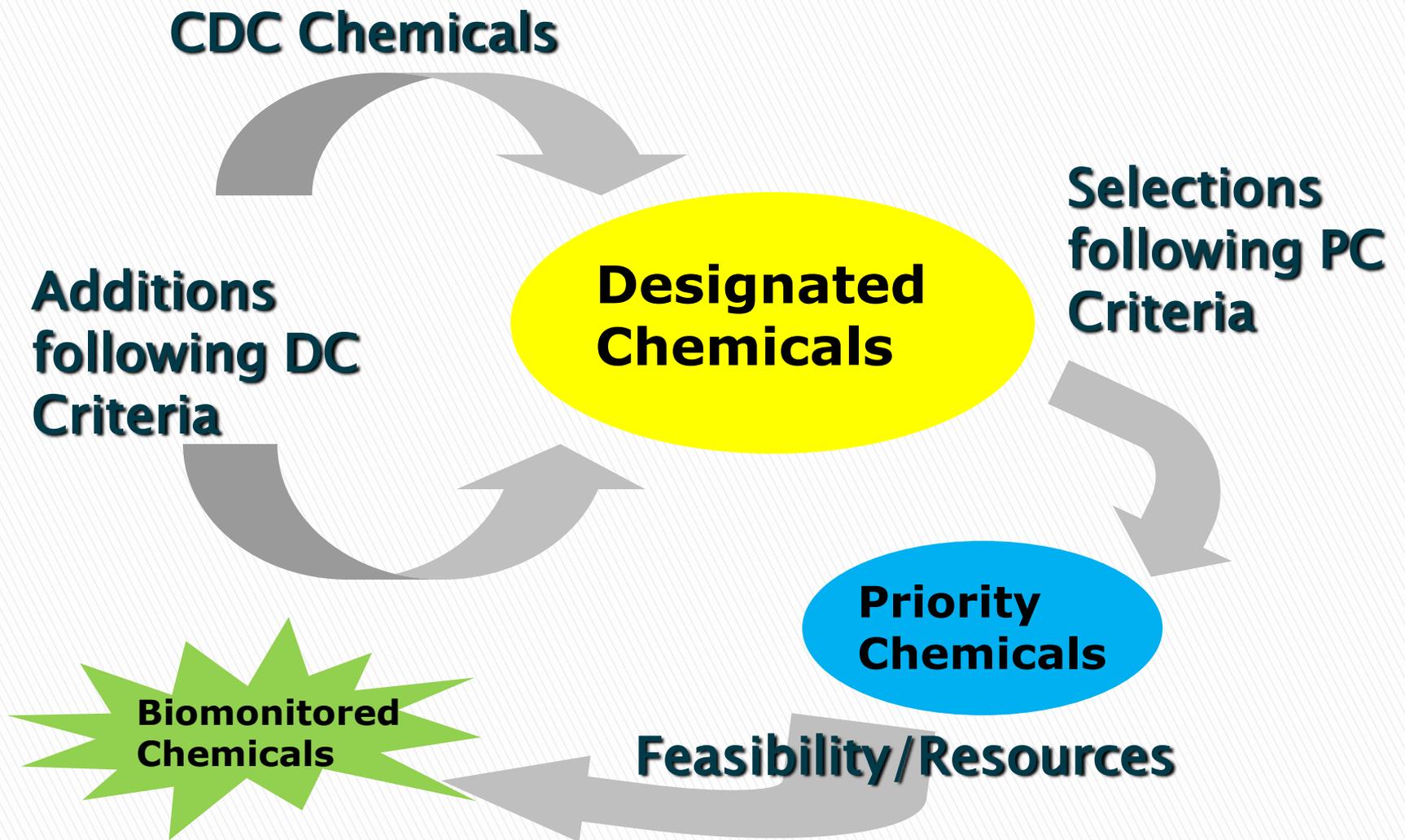


Chemical Selection Update

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DC = Designated Chemicals

PC = Priority Chemicals

Outcome of March SGP meeting: Designated chemicals

- ▶ The SGP recommended as designated chemicals:
 - Antimicrobials approved for use in food animal production
 - Synthetic hormones approved for use in food animal production
 - Cyclosiloxanes
- ▶ These are now CECBP designated chemicals

Outcome of March SGP meeting: Priority chemicals

- ▶ The SGP recommended as priority chemicals:
 - Metals (cadmium, lead, mercury, arsenic)
 - Environmental phenols (bisphenol A, triclosan)
 - Perchlorate
 - Diesel exhaust
 - Cotinine
 - Brominated and chlorinated organic compounds used as flame retardants
 - Polybrominated diphenyl ethers (PBDEs)
 - Polycyclic aromatic hydrocarbons (3-hydroxybenzo[a]pyrene, 6-hydroxychrysene, 3-hydroxyphenanthrene)
 - Organophosphate insecticides*
 - Pyrethroid pesticides*
 - Phthalates*

* Only those members of the class that are already designated chemicals

Outcome of March SGP meeting: Next steps on chemical selection

- ▶ Potential designated pesticides of interest to SGP:
 - Certain classes of pesticides (e.g., pyrethroids)
 - Other pesticides of concern not on CDC list
- ▶ Potential priority chemicals of interest to SGP:
 - Perfluorinated chemicals already designated
 - Cyclosiloxanes
 - Selected pesticides already designated

Update on options to obtain information

- ▶ DTSC has initiated requests under AB 289 on:
 - Carbon nanotubes (and other nanomaterials)
 - Decamethylcyclopentasiloxane (D5)
 - Bis(2-ethylhexyl) tetrabromophthalate (TBPH)
- ▶ Additional information on AB 289 available in SGP binder and on DTSC website
(http://www.dtsc.ca.gov/PollutionPrevention/Chemical_Call_In.cfm)
- ▶ OEHHA has not identified other options to obtain information from manufacturers

Overview of today's agenda

- ▶ Discuss potential designated chemicals
 - Selected pesticides
- ▶ Discuss potential priority chemicals
 - Cyclosiloxanes
 - Perfluorinated compounds
 - Selected pesticides
- ▶ Next steps for chemical selection
- ▶ All materials available on website now/or soon after meeting
<http://oehha.ca.gov/multimedia/biomon/index.html>

Chemicals to be discussed today

- ▶ Potential designated chemicals
 - Pyrethrins and pyrethroids (as a chemical class)
 - Iprodione
 - Octhilinone
 - Fipronil

- ▶ Potential priority chemicals
 - Perfluorinated compounds (already designated)
 - Cyclosiloxanes (as a chemical class)
 - Selected pesticides (DDT, DEET, *para*-dichlorobenzene, and 2,4-dichlorophenoxy acetic acid salts and esters)

Identification of CECBP chemicals

- ▶ CECBP names particular designated and priority chemicals
- ▶ SGP recommended that CECBP determine the appropriate target compound(s) for measurement
- ▶ Target compound:
 - May be the parent, a particular isomer, a key metabolite, or other relevant indicator compound
 - May change as method development proceeds