Overview of Current State

Chemicals and contaminants life cycle (center) and associated processes and pathways which result in environmental and human exposure.

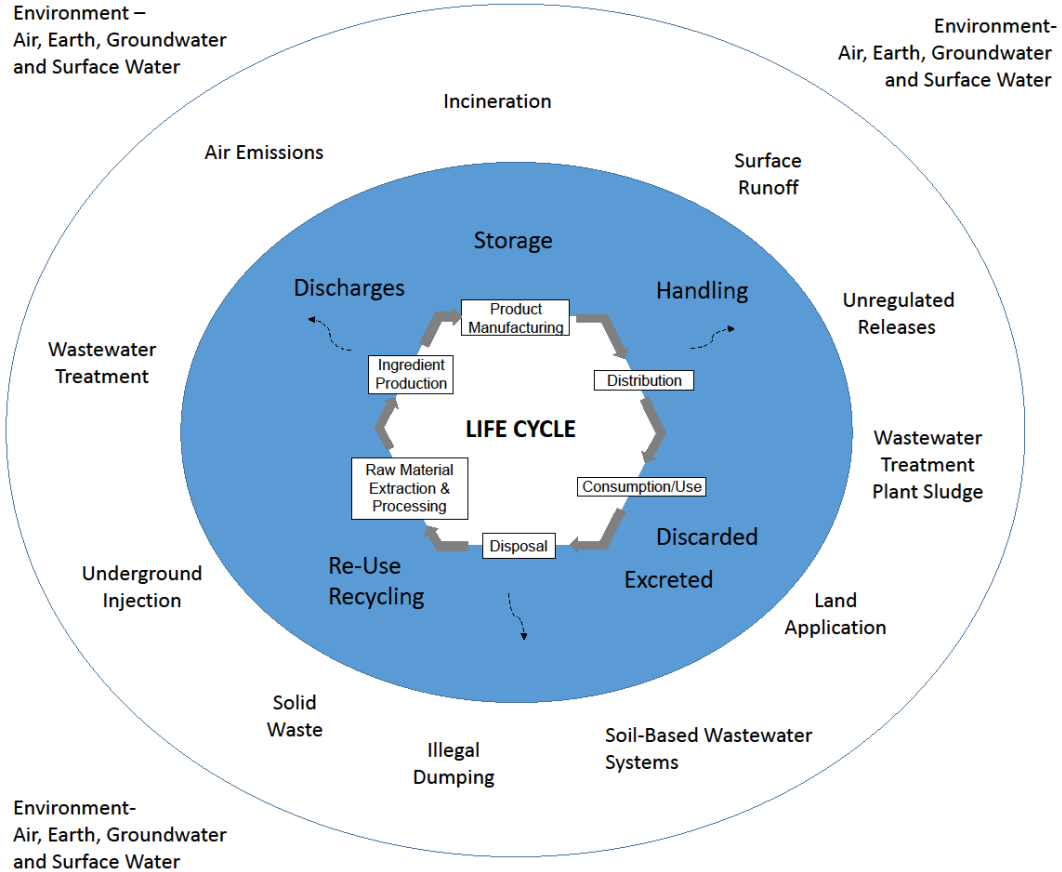
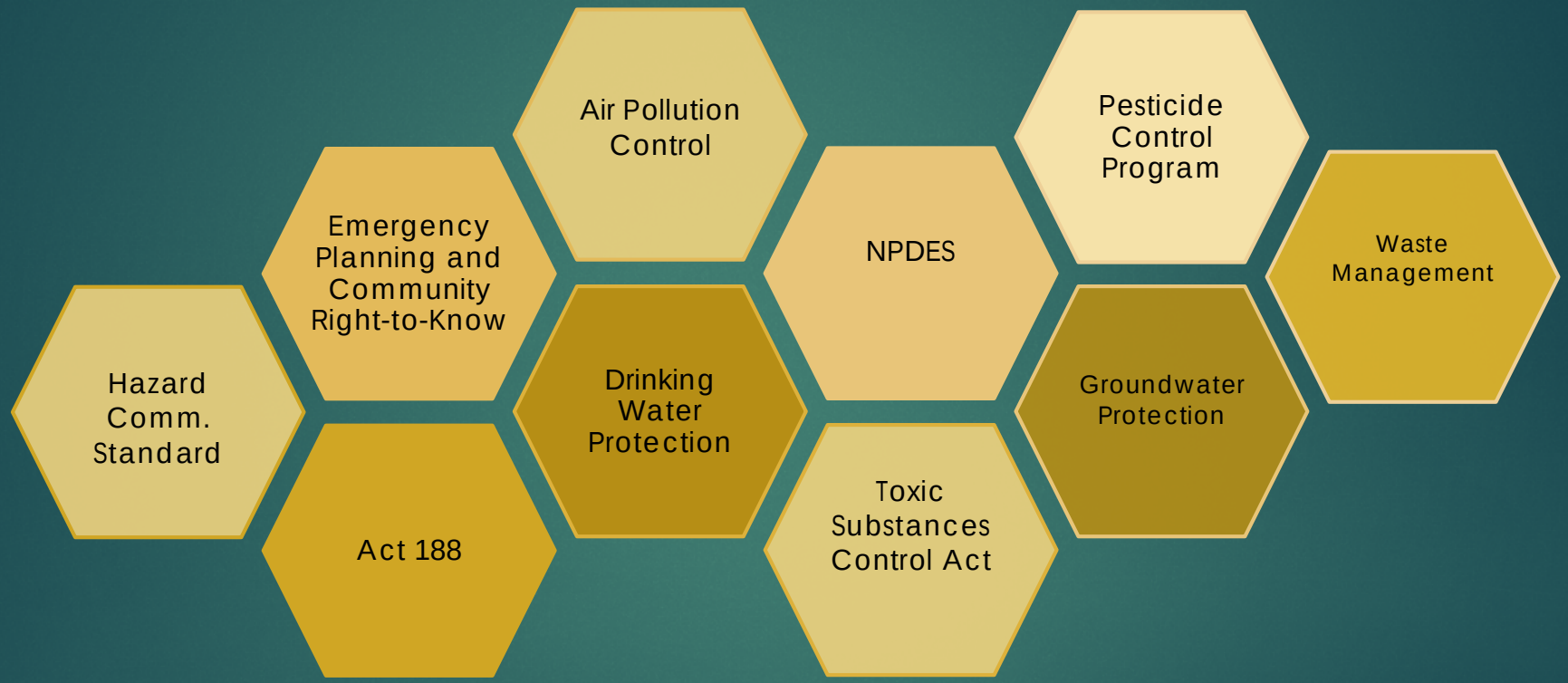


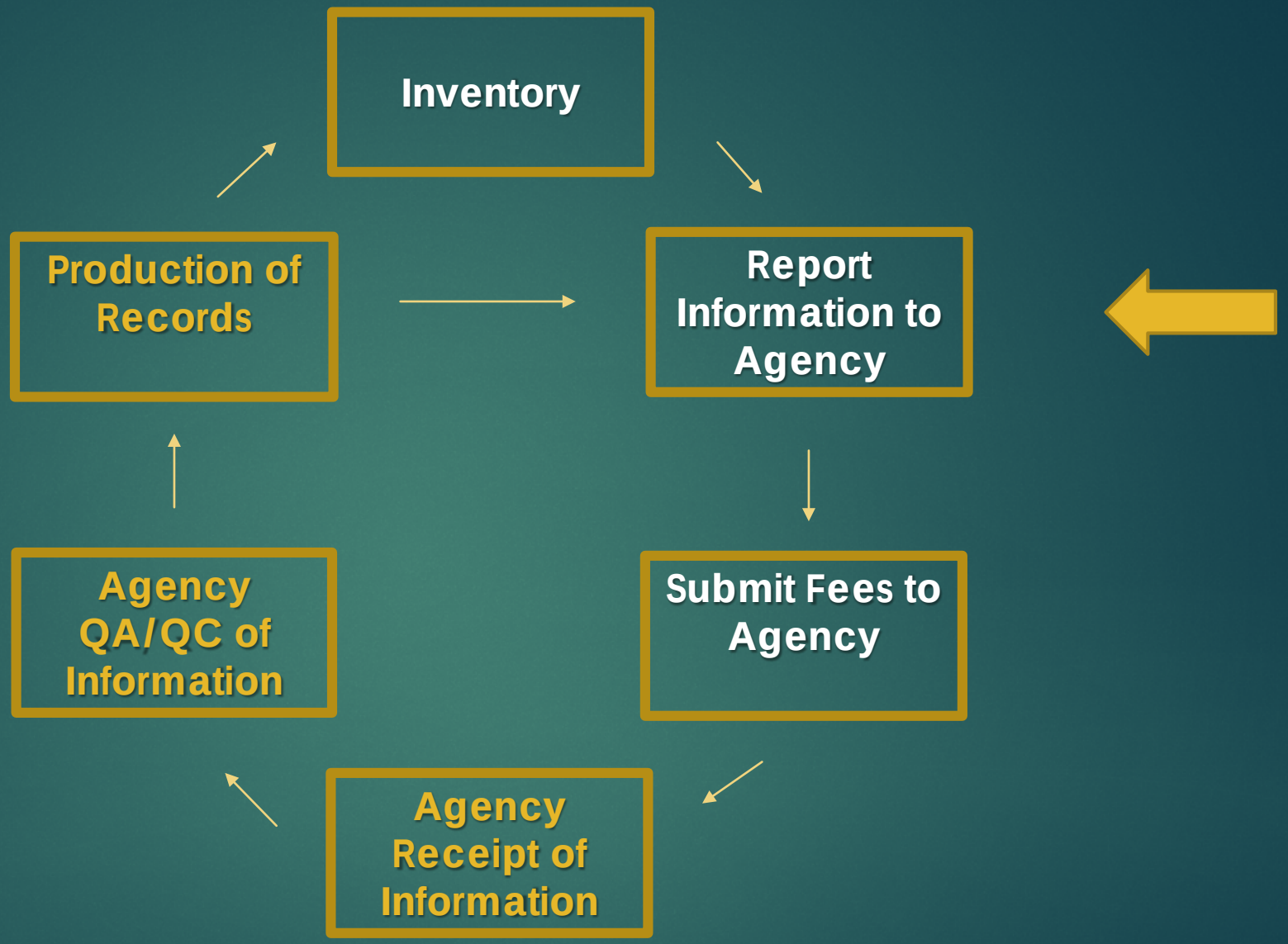
Figure 1

Agency of Agriculture, Food & Markets	• Pesticides: product registration, use, sales/distribution, production • Non-point source water pollution (farms)
Agency of Natural Resources	• Air: registration of Pollution Sources, NESHAPs • Surface Waters: point source discharges of water pollution • Drinking Water: water supply • Groundwater: indirect discharge, underground injection • Waste: Spills, RCRA (hazardous/solid), salvage yard, UST • Pollution Prevention: Act 100
Department of Health	• Chemical Disclosure Program for Children's Products • Groundwater Chemistry Database • Asbestos/Lead
Department of Labor	• Hazard Communication Standard
Department of Public Safety	• Emergency Planning and Community Right-to-Know: Tier II


Air Pollution Control
Pesticide Control Program
Emergency Planning and Community Right-to-Know
NPDES
Waste Management
Hazard Comm. Standard
Drinking Water Protection
Groundwater Protection
Act 188
Toxic Substances Control Act

Common Themes

Reporting Process


Inventory
Report Information to Agency
Submit Fees to Agency
Agency Receipt of Information
Agency QA/QC of Information
Production of Records

Common Themes: Regulated Entity

Maintain Inventory

- Inconsistent chemical identifier
- Inconsistent identification of chemicals in products with multiple chemicals
- Exemptions do not capture complete inventory
- Confusing for small businesses
- Inconsistent format
- Not updated in real time

Report Information to Agency

- Inconsistent chemical identifier
- Inconsistent identification of chemicals in products with multiple chemicals
- Exemptions do not capture complete inventory
- Confusing for small businesses
- Variable format, method, reporting periods, supporting documents
- Variable reporting criteria
- Multiple contacts within and across agency(ies)
- May be challenging to make changes at state level due to federal requirements

Submit Fees to Agency

- Variable method for submission of fees
- Variable methods for issuing refunds

Common Themes: Agency

Receipt of Information

- See Report Information to Agency
- Manual entry of data into agency database
- Manual scan and upload of documents
- Many different agency tracking system/databases
- Limited resources

QA/QC of Information

- See Report Information to Agency
- Manual entry of data into agency database
- Manual scan and upload of documents
- Many different agency tracking system/databases
- Limited resources
- Variable methods to address deficient information
- QA/QC happens multiple times
- Limited resources with technical expertise

Production of Information

- Variable format
- May not be in useful format
- Management of confidential business information
- Safety and security concerns
- Variable timelines for production
- Confusing for public
- May be resource intensive to change format of data available to public due to federal requirements/third party vendors
- Limited resources