

Fundamentals (4.k): Permitting/Enforcement Hazardous Waste Tracking Systems

Implement a new information technology system that improves the availability and usability of hazardous waste management data.

Goal: Improve hazardous waste data management through implementation of new information technology systems.

DTSC faces multiple challenges in regulating California's hazardous waste, among them; an aging Hazardous Waste Tracking System (HWTS), loss of staff resources dedicated to managing the hazardous waste processes and data, providing the right information to the right people at the right time to ensure the safety of California's population, inaccurate reporting of hazardous waste activities, and a looming implementation of a Federal hazardous waste tracking system which may or may not meet California's hazardous waste management needs.

California must implement a replacement HWTS for historical information and California waste tracking, while planning the implementation of the Federal hazardous waste tracking system scheduled for go-live by October 2015.

Timeline:

April – June 2013:

- Recruit and hire an Information Technology (IT) Project Manager for hazardous waste data management efforts
- Obtain CA Technology Agency (CTA) approval of HWTS replacement Information Technology Concept Statement, as the first step in the project lifecycle and approval process
- Identify Federal e-manifest system impacts on HWTS and current business processes
- Prepare and submit a Feasibility Study Report (FSR) to DTSC and Agency for review and approval, as the second step in the project lifecycle and approval process
- Develop a Technology Governance structure between program and the Office of Environmental Information Management (OEIM) that would document and prioritize outstanding and future system/report improvements

July – September 2013:

- Submit FSR to CTA for approval
- Identify portions of HWTS not impacted by Federal e-manifesting system that will need to be replaced
- Expand and improve hazardous waste data grading, for better decision making
- Improve HWTS data loading processes/procedures to increase system stability and maintainability

October 2013 – March 2014:

- Obtain FSR approval by CTA
- Develop HWTS project plan

- Modify/replace portions of HWTS not impacted by Federal e-manifesting system
- Conduct User Acceptance Testing (UAT)
- Implement HWTS changes