**Office of Chemical Safety and Pollution Prevention**

**Envisioning Accomplishments in 2017**

When we visualize what the OCSPP landscape will look like in January 2017, we see several significant results. For pesticides, while we will continue to efficiently and effectively assure that pesticide uses are safe, we will also be providing increased protections for farm workers, we will have spread best practices for Integrated Pest Management, we will have increased protections against fumigants and drift, and we will be assuring that our obligations under the Endangered Species Act are met. In addition, we will have gained a greater understanding of pollinator declines and will be taking appropriate actions to protect bees. For commercial chemicals, we will have finalized Chemical Workplan risk assessments and have initiated risk management, redesigned our DfE labeling program, and made information available to manufacturers, retailers, consumers, and co-regulators such as states and tribes so that they can make better choices and promote the use of safer chemicals. We will have informed how the federal government procures

“green products”. And, ideally, we will be operating under a reformed TSCA that will better enable us to obtain the data we need and give us the appropriate authority to take action on chemicals that are not safe. For endocrine disruptors, we will have applied computational toxicology breakthroughs to characterize real-world risk of endocrine disruption for thousands of pesticides and commercial chemicals.

More specifically, under our 2017 Vision, we will be taking the following actions:

**Chemical Safety in 2017**

 Pesticide Registration – We will continue to perform our pre-market responsibilities in pesticides at the high standard stakeholders have come to expect and we will be well on our way to make existing chemical regulatory decisions in our “re-evaluation” program. We will have defined a path forward in the long-standing struggle to define a manageable way to comply with the ESA.

*Actions:*

o Reviews completed for 80 plus existing chemicals.

o Maintained our 99%+ on time success with PRIA deadlines and made progress in reducing the overall time for making decisions.

o Finalized the Worker Protection Standard and Certification and Training Rules.

o ESA compliant pesticide assessments will be routine (115+ chemicals assessed for

ESA compliance) with:

1. Agreed upon process for assessing risk

2. Stakeholder agreement on our assessments

o Understanding of the relationship between pesticides and bees and appropriate mitigation will have been put in place.

 Existing Chemicals – EPA will have a robust existing chemicals program for commercial chemicals either under a reformed TSCA or because we have used all of our wiles and savvy to “stand up” a robust existing chemicals program under current TSCA.

*Actions:*

o Completed risk assessments for the 83 high priority chemicals and begun risk management for a significant number of these chemicals.

o Put appropriate regulatory backstops behind phased-out chemicals (PBDEs, PFCs,

benzadine dyes, etc…).

o Will have begun to look at additional elements of a chemical’s life-cycle to factor into sustainability evaluations.

o Obtained substantial compliance with the lead Renovation, Repair and Painting

(RRP) rule.

o Finalized formaldehyde rules and begun implementation.

o PCBs regulations eliminating use authorizations are finalized.

o Mercury treaty is ratified and we have made meaningful progress on our commitments.

o Put into place the authority to collect information on certain chemicals including nano materials and chemicals used in fracking.

 Endocrine Disruptor Screening Program - In 2017, the Endocrine Disruptor Screening Program will have evolved from a relatively slow, expensive and animal intensive two-tiered program toward a program focused on implementing state-of-the-science test methodologies, including advanced computational toxicology technologies.

*Actions:*

o Scientifically validated Tier 1 and Tier 2 test methods are in place to determine whether a chemical has the potential to interact with the endocrine system and whether such potential poses risks to human health or the environment.

o Issued Tier 1 test orders and, as necessary, Tier 2 test orders for the initial list of chemicals.

o Issued test orders for a second list of chemicals for Tier 1 screening.

o Applied 21st century informational technology (IT) to enable electronic test order issuance, data submission and reviews thus revolutionizing and effectively streamlining current operations for the regulatory and regulated communities

o Employed the use of computational toxicology (CompTox) tools to prioritize thousands of chemicals based on real-world risk for potential endocrine disruption; reduced the number of chemicals for animal testing; reduced resources in the testing and data review processes; and strategically targeted limited resources to those chemicals that represent the greatest risk to perturb the human and ecological endocrine systems.

**Pollution Prevention in 2017**

OCSPP will be effectively using the appropriate levers to incentivize practices that reduce the environmental footprint of governments, companies and households.

 Creating a whole new Design for the Environment (DfE)

*Actions:*

o Redesigned the DfE logo to be a well-respected and sought-after label in the market place.

o The number of chemicals that are eligible for inclusion in DfE products will have significantly increased.

o The major consumer products companies will have begun using DfE as a means to attract consumers.

 Employing green solutions

*Actions:*

o Have an E3 Federal framework in place in all states.

o Successfully “stood up” a third party institution to evaluate eco labels for purposes of

federal procurement.

o Successfully deployed or integrated green chemistry/engineering as solutions to environmental priority problems.

o Increased the market share of green chemistries through a range of incentive, regulatory and other means.

**Tools for Implementing Our Vision**

OCSPP will be utilizing all of the data available to us effectively and efficiently. Consumers and industry will have the information they need to make informed choices.

 Harnessing the power of information

*Actions:*

o Constructed a well-regarded web portal that makes our information on chemical hazard, exposure, risk and regulation accessible to the public and our state and federal partners.

o Reduced the number of unwarranted CBI claims.

o Used enhanced IT tools to increase our efficiency and our ability to identify problems and solutions through smart IT investments.

o Finalized E-reporting rules making it easier for the regulated community to comply and for us to monitor our success.

 CompTox

*Actions:*

o Successfully used CompTox for setting priorities in our endocrine program.

o Enhanced our chemical categories for commercial chemicals using CompTox.

o Used CompTox to replace in vivo testing.