United States Environmental Protection Agency
Organization Assessment of Performance

1. Organization: Region 5, Air and Radiation Division **2. Fiscal Year:** 2017

3. Key Events/Issues/Challenges and Management Actions

- Issued 120-day letters to all R5 states & two tribes for Round 3 SO2 designations, proposing 6 areas as nonattainment.
- Redesignated 10 areas to attainment of health-based air quality standards for lead, ozone, and particulate matter.
- Renewed the expired Title V permit for the Veolia hazardous waste incinerator in Sauget, Illinois, fulfilling federal legal obligations under a 2006 court ruling.
- Obtained over $87.5 million in injunctive relief, representing over 77% of the costs of stationary source complying actions from the nation's air settlements.
- Secured an agreement via consent decree with S.H. Bell in East Liverpool, Ohio to reduce emissions, through physical changes and ambient monitoring, of the hazardous metal manganese that was causing an imminent and substantial endangerment to the community by exceeding ATSDR's chronic health-based standard.
- Settled violations at Maynard Steel Casting Company, at request of WDNR, which reduces particulate matter and manganese by 560,000 lbs./yr. through control improvement. The settlement team developed a night-time opacity procedure using digital opacity cameras, the first [what?] of its kind in the country.
- Reached agreement via consent decree with Citgo Petroleum that will reduce 936,000 lbs. of pollution/yr. by controlling emissions from flares and benzene operating units by using fenceline monitoring and reducing leaks.
- Initiated new R5 Leak Detection and Repair enforcement initiative and found violations at 75% of facilities inspected. Also trained RCRA inspectors throughout EPA on how to conduct LDAR inspections, in preparation for their new NEI.
- Constructed a digital opacity camera trailer that is solar powered and can record video to quantify opacity.

4. Performance Reporting

Measure area	Status	Explanation of performance results
OAR KPI: SIP revisions	Measure Met	• Published 32 SIPs, exceeding target of 22 by 45%. Achieved SIP backlog of 15 SIPs, the second-lowest backlog in the nation and approximately 4% of the national total.
CAS: Sustainability	NA	• ???
CAS: Communities	NA	• Protected children by identifying and removing asthma triggers at 25 schools and 33 childcare facilities in Milwaukee area, and by removing materials that appeared to contain asbestos and identifying indoor air quality issues at 4 schools in Gary, IN. • Negotiated stipulated order with S.H. Bell in Chicago, IL (after the company failed to respond to an Information Request) that requires installation of ambient monitors that report data to EPA, which we when then post on a site-specific public website. • Discovered industry-wide-level noncompliance [of?], and addressed substantial odor issues at Arbor Hills Landfill in Northville, MI by securing agreement with owner to install $2M in improvements to gas collection and control system.
CAS: Partnerships	NA	• Coordinated with IEPA to issue 5 of 13 Title V permits for coal-fired power plants in IL. • Impacted 80 state-issued permits through permit review, and issued 9 federal permits. • Supported tribes by providing technical support, equipment loans, and consultation on important regulatory actions, and by granting Clean Air Act authorities to 2 tribes. • Entered into x judicial consent decrees, xx% of which included a state partner, were taken at the request of a state, or enforced a rule for which the states are not delegated. • Settled CAA violations with Mesabi Nugget Delaware, via joint consent decree with MPCA, that required new controls on several emission units, resulting in controlled emissions of mercury from one of the largest mercury emitters in R5.
CAS: HPO	NA	• Designed a follow-up questionnaire to gain further insights in areas identified for improvement in ARD's Employee Viewpoint Survey results, and implemented recommendations. • Launched NEO2, ARD's new employee organization, to help new staff quickly become well-informed, productive members of the division, while fostering leadership, learning, networking, and volunteer opportunities.