EPR 2015 org assessment detailed draft

Ecosystems Protection.

- Region 8 provided critical technical and policy support to the final Clean Water Rule including: proposed rule outreach, response to comments, shaping final rule, final rule outreach.
- MT TMDL Litigation resolved with completion of 664 TMDLs or delistings.
- Approved MT variance policy and nutrient standards
- Completed agency review and action of Colorado's nutrient-related water quality standards.
- Developed path forward for approval of Wyoming Use Attainability Analysis for recreational use.

Energy-Water Issues

- Continued to provide technical support to state of Wyoming for the Pavillion investigation, including review and comment on the State's Draft Pits Review Report and provision of early input on key issues for the upcoming draft final investigation report.
- Completed multi-office peer reviewed analysis of well construction issues in the Mamm Creek gas field in Colorado. Supported the Regional Administrator in bringing these issues to the Colorado Oil & Gas Conservation Commission for collaborative dialogue.
- Supported MHA Nation Environmental Division interest in advancing understanding of impacts of and best approaches to assessing and remediating releases of produced water on the Fort Berthold Indian Reservation by providing produced water data and technical input on remediation.

Emergency Response and Preparedness

- Executive Order 13650 – EPA Region 8 developed a working group with all six states and developed standard operating procedures for five areas: 1) State, Local, and Tribal Engagement; 2) Federal Program Triggers; 3) The Emergency Response Application System Access; 4) EO 13650 Information Sharing, Coordinated Inspections, and Referrals; and 5) LEPC Best Practice Implementation and Support. In addition, six separate state plans have been drafted and some of the work items have already been implemented (e.g., conducting a workshop for Utah LEPCs of approximately 120 attendees in March 2015).
- Bakken Crude Oil Strategy - provided significant regulatory compliance assistance and spill response in the Bakken area by deploying OSC and Oil Program staff extended periods.
- Region 8 led the development and completion of a Bakken Shale Crude Oil Study which provides information federal, state, and local officials on the characteristic of Bakken crude oil to support spill response.

- Completed assessment, clean-up and removal of mine tailings as the residential Colorado Cedaredge Lead Site to protect children. EPA removed and treated 454 tons of contaminated soils and lead contaminated dust inside the home.
- Responded to the Bridger Poplar Pipeline Oil Spill of approximately 700 barrels of Bakken crude oil into the frozen Yellowstone River in Montana in January 2015 to protect drinking water sources. Due to the icy conditions, the oil contaminated the intake and drinking water system of Glendive, Montana.

- Responded to a fire at the Red River Oil Supply Warehouse in Williston, North Dakota which stored chemicals used in the Bakken oil and gas field located adjacent to the Little Muddy River, a tributary to the Missouri River including air quality monitoring and cleanup of the river.

Assessment and Revitalization

- Proposed the Columbia Falls Aluminum Reduction Plant to the NPL and accelerated site work by assisting the enforcement program with negotiations for a PRP lead RI/FS.
- Cleanup was completed at 21 brownfield properties. Brownfield cleanups made way for a new Easter Seals Goodwill facility in downtown Great Falls, MT; affordable senior housing in New Rockford, ND; commercial redevelopments in downtown Alamosa, CO, Kalispell, MT, Missoula, MT, Helena, MT & Shelby, MT. Additionally, contamination was removed from 4 tribal brownfield sites in partnership with Tribal Response Program personnel funded under CERCLA 128(a).
- Completed 86 Brownfields assessments including 51 EPA lead assessments.
- Provided leadership and supported local partners in 3 Making a Visible Difference (MVD) communities resulting in the cleanup of the former Caird Engineering Works in Helena's 6th Ward neighborhood; a planned $50m redevelopment of the Zuni Property (aka Steam on the Platte) adjacent to Denver's Sun Valley neighborhood and the safe installation of the first 20 LEED platinum homes adjacent to 2 brownfields in the community of Poplar on the Fort Peck Reservation.

NEPA 2015 Org Assessment

- R8 NEPA Program reviewed 59 EISs and made a substantive improvement 88% of those projects
- NAWS- On the Northwest Area Water Supply project, R8 made a successful case to BOR for a water treatment system that will to avoid carcinogenic disinfection byproduct impacts to 100,000 water consumers in Minot and surrounding communities.
- Water Resource Protections in BLM and BIA Plans – Energy sector work in Montana, Colorado, Utah and North Dakota resulted in water resource and source water protection improvements over the next 15-20 years on BLM and BIA projects.
- Alton Coal – EPA worked with BLM to add air quality protections that will reduce impacts to the EJ community near the mine site.
- Northern Integrated Supply Project (NISP): Region 8 successfully encouraged proponent to include a mitigation plan and improved analysis in the Supplemental Draft EIS thereby decreasing the project's impacts to the Cache la Poudre River.

SF Support

- After 9 years of work, EPA has completed its rigorous scientific review of the toxicology of Libby Amphibole Asbestos. The risk assessment demonstrates that it is now possible to live and work in Libby without excessive exposure to Libby Amphibole Asbestos and risk above EPA targets. Our evaluation of risk shows that our indoor and outdoor cleanups have been effective in reducing both cancer and non-cancer risks in Libby

- Special Account utilization for 10 FTE hires to support Superfund Program work.

SF Remedial

- *Libby Asbestos, Montana, NPL Site*
- 60 properties cleaned up in Libby
- Libby site-wide Proposed Plan published in Q3
- Libby draft risk assessment published in Q1
- 6 Remedial Action completions