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Inside

- News Shorts Pg. 2
- Personnel Changes Pg. 3

Oversight News

Newsletter of the Commonwealth's Environmental Oversight Section for the Dept. of Energy's Paducah Site

*Kentucky Department for Environmental Protection
Division of Waste Management
Hazardous Waste Branch
Paducah Site Section*

2018 Site Management Plan



The Federal Facility Agreement (FFA) Managers, associated with the Paducah Site, met over several months (July – October) to collaboratively develop and edit portions of the 2018 Site Management Plan (SMP). The FFA Managers were assisted by two independent technical facilitators with extensive experience working on federal facilities. The 2018 SMP will incorporate the final disposition of the entire site because previous SMPs were only able to address the pre-GDP shutdown scope. The SMP is like a blueprint, in that it outlines and sequences the work necessary to clean the site up and ultimately accomplish removal (delisting) from the National Priorities List (NPL). The SMP is updated annually. It is the document that establishes regulatory enforceable milestones over the next three fiscal years, as well as establishing milestones for multiple project completion

dates. The last approved SMP associated with the Paducah Site was signed in 2015. Subsequent SMPs in 2016 and 2017 were not approvable by all three FFA parties. In those instances the last approved SMP governs until the next SMP can be approved. The first draft of the 2018 SMP was transmitted to regulators on November 15, 2017. The 2018 SMP is expected to incorporate the balance of the Paducah Site with the pre-GDP scope.

Included in the 2018 SMP are milestone dates for taking down the C-400 building, investigating the contamination beneath and around the C-400 building, as well as performing any associated environmental clean-up. Demolition of the C-400 building is scheduled to begin during the 4th quarter of 2018. The remedial investigation is scheduled to begin one year later in the 4th quarter of 2019.

News Shorts

New Northeast Plume Containment System Comes On Line The new Northeast Plume extraction wells and treatment systems became operational on Oct 10. The wells were relocated closer to the plant to better capture the two areas of higher trichloroethene (TCE) contamination.

C400 Complex OU Project C400 Remedial Investigation Work Plan scoping will likely begin in January 2018. This will include review of historical data as well as designing an investigation to determine the extent of contamination for the rest of the C400 area (primarily under the building). All site contaminants, including TCE, Tc-99, PCBs and uranium isotopes, will be addressed in the scoping.

Four Rivers Nuclear Partnership Contract Begins Four Rivers Nuclear Partnership (FRNP) began work under the Paducah Deactivation and Remediation contract on October 20, 2017. The contract is for a base period of 5 years with three year and two year extensions, unilaterally exercisable by DOE. The 10 year contract is worth \$1.5 billion. The scope of the contract focuses on continued deactivation of the PGDP facilities and preparing them for future demolition, while maintaining compliant waste management and environmental remediation operations. The goal of the deactivation and remediation activities is to reduce risk and accelerate the reduction of future surveillance, maintenance and demolition costs.

FRNP is led by CH2M, partnered with BWXT and Fluor. CH2M provides consulting, design, engineering and management services for clients in water, environmental, nuclear, transportation, energy and industrial markets. Fluor is a global engineering, procurement, fabrication, construction and maintenance company that designs, builds and maintains capital efficient facilities. BWXT is a leading supplier of nuclear components and fuel to the U.S. government. They provide technical and management services to support the U.S. government in the operation of complex facilities and environmental remediation activities. They supply components, services and fuel to the commercial nuclear industry.

Maybriar and Begley Attend Federal Facilities Meetings Jon Maybriar, Director of the Division of Waste Management, and Brian Begley, PGDP Site Section Supervisor, attended the Department of Energy Intergovernmental Meeting and participated under the National Governor's Association Federal Facilities Forum and State, Environmental Counsel of States, and State Government and Tribal Government Working Group in San Antonio, TX. These intergovernmental meetings provide an invaluable opportunity for Kentucky to focus the national spotlight on the cleanup progress and ongoing efforts at Paducah Site.



Personnel Changes

Bill Clark retired November 30 with nearly 28 years of service. He spent his entire career with the Department for Environmental Protection at the Paducah Regional Office and the Paducah Gaseous Diffusion Plant (PGDP). Bill worked as an inspector with the Division of Waste Management and as an inspector and supervisor for the Division for Air Quality prior to coming to the PGDP Section in 2005. Bill has also been a member of the Department's Environmental Response Team since 1998. Bill plans to spend more time with his family, continue his lawn care business and pursue religious studies in his retirement. We thank Bill for his years of service to the Commonwealth and wish him much happiness in his retirement!

The Paducah Section also says good-bye to Vicki Voisard. She has accepted a position in the Underground Storage Tank Branch which began December 1.

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The mission of the Kentucky Division of Waste Management is to protect human health and the environment by minimizing adverse impacts on all citizens of the Commonwealth through the development of fair, equitable, and effective waste management programs.



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