



1st Quarter 2021 Update Fact Sheet

Kerr-McGee Chemical Corp – Navassa Superfund Site, Navassa, NC

The purpose of this fact sheet is to update the Navassa community and stakeholders about remediation and other activities at the Kerr-McGee Chemical Corp – Navassa Superfund Site (the Site). This fact sheet was prepared jointly by the U.S. Environmental Protection Agency (EPA), the North Carolina Department of Environmental Quality (NCDEQ), and the Multistate Environmental Response Trust (the Multistate Trust).

Summary of Recent Progress on Site Activities (Since December 2020 Public Meeting)

For more information, see page 3.

- **Operable Unit 1 (OU1)** (the portion of the Treated and Untreated Wood Storage Areas requiring no remedial action to meet residential or unrestricted use criteria): EPA issued the January 2021 OU1 Proposed Plan and is now drafting the OU1 Record of Decision. EPA will pursue the deletion of OU1 from the National Priorities List as soon as possible to help return OU1 to productive use.
- **OU2** (the portion of the Treated and Untreated Wood Storage Areas requiring remedial action): The Multistate Trust is completing human health and ecological risk assessments that evaluate potential risks for a range of potential future land uses in OU2.
- **OU3** (Southern Marsh): The Multistate Trust completed the laboratory analyses and data validation for sediment pore water, sediment, and surface water samples collected during the 4th Quarter 2020 sampling program to supplement the ecological risk assessment. The results are being evaluated and will be included in an addendum to the Baseline Ecological Risk Assessment (BERA).
- **Property Management:** The Multistate Trust continued to provide oversight of installation of Brunswick County Wastewater Treatment Plant force main.

The Multistate Trust is a private, independent trust that was created as part of the Tronox bankruptcy settlement in 2011 to own, manage, remediate, and facilitate safe, beneficial reuse of the Site in Navassa. The Trustee of the Multistate Trust is Greenfield Environmental Multistate Trust LLC.

EPA is the lead agency, which approves Multistate Trust remediation plans and budgets. NCDEQ is the support, or non-lead, agency, which consults with EPA on Multistate Trust plans and budgets.

For More Information

Multistate Trust website: <https://multi-trust.org/navassa-north-carolina>
EPA website: <https://www.epa.gov/superfund/kerr-mcgee-chemical-corp>

Kerr-McGee Navassa Site, 1st Quarter 2021

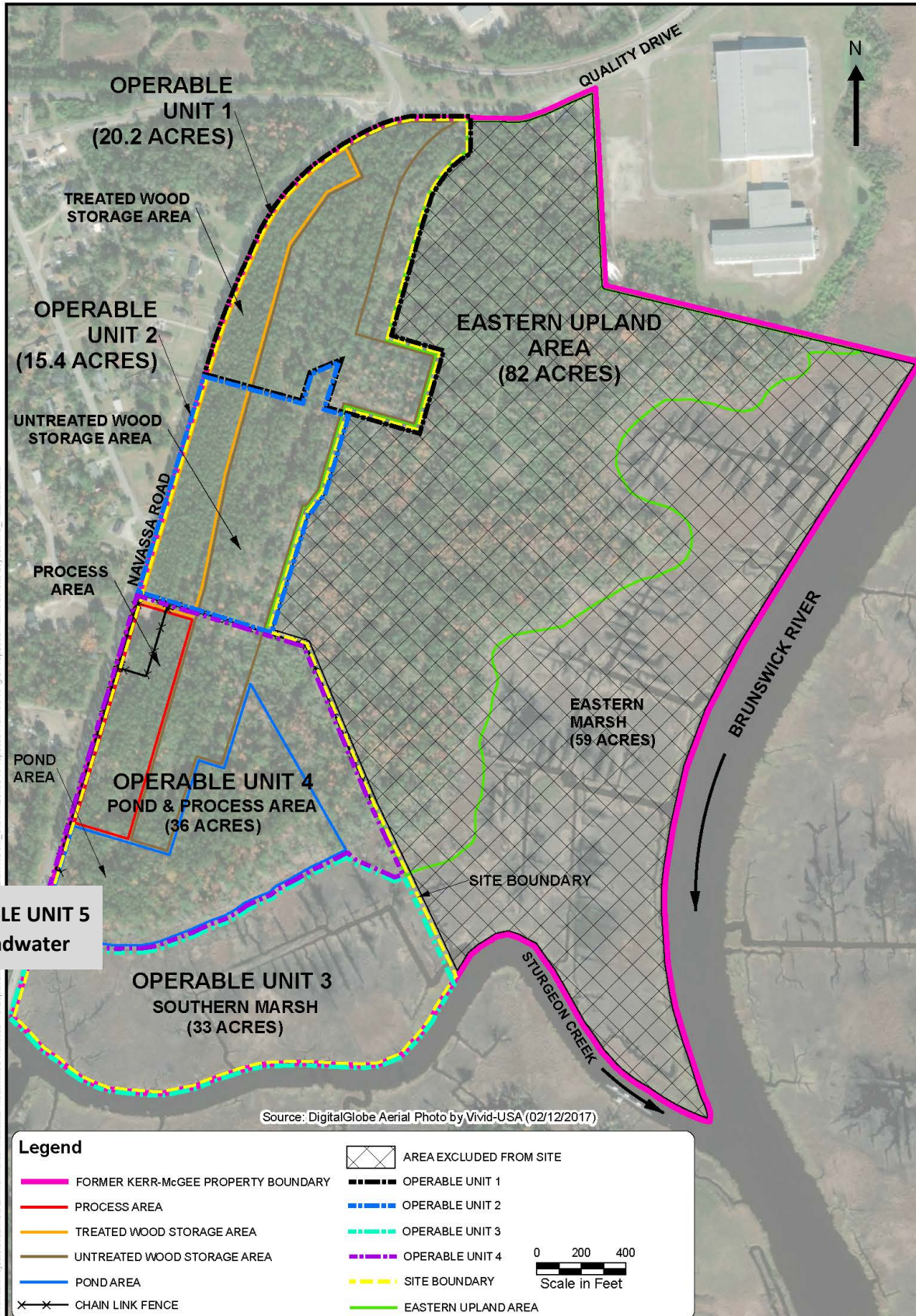


Figure 1 shows the Kerr-McGee Chemical Corp – Navassa Superfund Site and its Operable Units 1 through 5, as well as the adjoining Eastern Upland Area and the Eastern and Southern Marshes.

Detailed Description of Recent Progress on Site Activities (Since December 2020 Public Meeting)

The Multistate Trust and its contractors performed the following activities, unless otherwise indicated.

OU1 Treated and Untreated Wood Storage Areas

EPA issued the January 2021 OU1 Proposed Plan to the community by email January 8, 2021. The public comment period was scheduled to end February 26, 2021. Instead of holding an in-person public meeting, EPA provided a virtual public meeting January 28, 2021. About 35 individuals participated in the virtual public meeting. EPA is drafting the OU1 Record of Decision, including responses to comments received during the comment period. Upon completion of the OU1 Record of Decision, EPA will add it to the Administrative Record and distribute it by email. EPA will pursue the deletion of OU1 from the National Priorities List as soon as possible.

OU2 (the portion of Treated and Untreated Wood Storage Areas requiring remedial action)

- Completed laboratory analyses and data validation for soil and soil invertebrate samples collected to support the human health and ecological risk assessments.
- Completed the draft human health and ecological risk evaluations, which are currently in review by EPA and NCDEQ. The risk evaluations consider a range of potential future land uses, including those identified in the Town of Navassa's Oct. 15, 2020 Position Letter on OU2 potential future land use.
- Currently preparing a Feasibility Study to evaluate remedial alternatives to address any unacceptable risks associated with each potential future land use.

OU3 Southern Marsh

- Conducted the laboratory analyses and data validation for sediment pore water, sediment, and surface water samples collected during the 2020 field program.
- Currently preparing an updated conceptual site model for the Southern Marsh, in collaboration with EPA and NCDEQ.
- Currently preparing an addendum to the BERA which will summarize the results of the 2020 field program and will present an updated, comprehensive assessment of potential ecological risk in the Southern Marsh.

OU4 Pond and Process Area

- Developed the approach for soil sampling to evaluate potential human and ecological risk associated with surface soils in OU4 and drafted a soil sampling work plan that is currently under review by EPA and NCDEQ.
- Developed a three-dimensional model of Site geology and subsurface contaminant impacts to support a detailed evaluation of data needs related to characterizing nature and extent of contamination and to support the screening evaluation of remediation technologies during the Feasibility Study.
- Currently developing data quality objectives that will guide the development of a subsurface soil and groundwater sampling work plan to improve understanding of subsurface geology and aquifer geotechnical parameters to support the Feasibility Study.

OU5 Groundwater

- Prepared reports summarizing the results of groundwater monitoring well sampling events completed in 2020. The groundwater monitoring reports are in review by EPA and NCDEQ, and will be part of the public record following approval by these agencies.

Property Management and Disposition

- Continuing to provide oversight of installation of Brunswick County Wastewater Treatment Plant force main.
- Continuing to work with the Town of Navassa and the N.C. Coastal Land Trust on potential property conveyance and long-term stewardship (for the proposed Moze Heritage Center and Nature Park).

COVID-19 Update, 1st Quarter 2021

The Multistate Trust

The Multistate Trust's goal is to continue work on activities that can be done safely during the pandemic. All Site-related activities are being conducted in accordance with state, local, and federal COVID-19 guidelines. Multistate Trust contractors continue to update their Site health and safety plans to comply with evolving, applicable COVID-19 guidance.

U.S Environmental Protection Agency (EPA)

EPA's highest priority is protecting the health and safety of the public, as well as maintaining the health and safety of EPA staff and remediation partners. The protection of health and safety requires close coordination with federal, state, and local health authorities. In July 2020, EPA issued two documents to supplement existing guidance to help analyze COVID-19 risk and determine necessary actions to minimize COVID-19 risk during field activities.

[Interim EPA COVID-19 Health & Safety Guidelines for Field Activities](#) provides an integrated set of safety and health guidance that provides timely and consistent information for personnel conducting field activities.

[Job Hazard Analysis for COVID-19](#) can be used to manage the level of COVID-19 risk.

North Carolina COVID-19 Response

- North Carolina Department of Health and Human Services (NCDHHS) COVID-19 website: <https://covid19.ncdhhs.gov>
- Current restrictions and recent Executive Orders: <https://www.nc.gov/covid-19/staying-ahead-curve>
- If you leave home, practice your Ws: Wear, Wait, Wash
 - Wear a cloth mask over your nose and mouth.
 - Wait 6 feet apart. Avoid close contact.
 - Wash your hands or use hand sanitizer.

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