



# Dundalk Marine Terminal

## What You Need to Know

### Site Location

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The Dundalk Marine Terminal Site (DMT) is located at 2700 Broening Highway in Dundalk on the Baltimore City/County line and adjacent to Patapsco River in a mixed industrial and residential area. The area is serviced by public water and sewer.

### Site History

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Approximately 2.5 million cubic yards of chromium ore processing residue (COPR) were deposited by AlliedSignal Inc. at DMT prior to 1970s. As a result, chromium from COPR was being released to groundwater and to the Patapsco River via damaged storm drains. Six storm drains, 12<sup>th</sup>, 12.5<sup>th</sup>, 13<sup>th</sup>, 13.5<sup>th</sup>, 14<sup>th</sup>, and 15<sup>th</sup> Streets contributed to flux to the Patapsco River. The Maryland Department of the Environment (MDE), the Maryland Port Administration (MPA), and Honeywell International, Inc. (Honeywell) signed a Consent Decree (CD) in April 2006. The CD required MPA and Honeywell to submit plans to establish the extent of COPR, quantify releases to groundwater, surface water, and sediment, investigate the causes of COPR expansion, and propose remedial measures to MDE.

Under the CD, Honeywell and MPA performed extensive studies and investigations and prepared the Corrective Measures Alternative Analysis (CMAA) report identifying protective and cost effective remedial strategies to address COPR contamination. In July 2012, following a public information meeting on the proposed CMAA, MDE accepted the most effective remedial strategy that proposed the storm drain relining and the design and installation of a long-term monitoring and site maintenance plan to assure that discharges of contaminants of concern to the Patapsco River are positively reduced or eliminated.

### Environmental Investigation and Actions

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The investigation reports, the CMAA report, and updated storm drain rehabilitation schedule are posted on MDE's website at:

<https://mde.maryland.gov/programs/LAND/HazardousWaste/Pages/hwpcleanupsites.aspx>.

### Current Status

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The MPA and Honeywell are implementing the storm drain relining project, monitoring groundwater and storm water, maintaining the surface cover, and monitoring of COPR fill.

To date, Honeywell and the MPA have completed rehabilitating the 12.5<sup>th</sup>, 13<sup>th</sup>, and 13.5<sup>th</sup> Streets storm drains. The relining of the 12<sup>th</sup>, 14<sup>th</sup>, and 15<sup>th</sup> Streets storm drains is scheduled to be completed between 2019 and 2022. Once the relining project is completed in 2022, MDE requires a comprehensive groundwater monitoring plan. The MPA and Honeywell shall install new monitoring wells and conduct groundwater quarterly sampling for a 3-year period to determine whether further review of the groundwater discharging from the site is needed and whether the overall containment is effective.