

N00174.AR.000790
NSWC INDIAN HEAD
5090.3a

DECISION DOCUMENT FOR SITE 24 ABANDONED DRAIN LINES NSWC INDIAN HEAD MD
4/4/2007
INDIAN HEAD NSWC

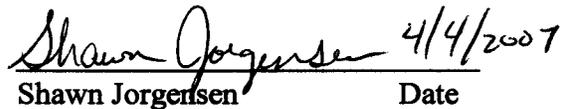
DECISION DOCUMENT

Site 24 – Abandoned Drain Lines Naval Support Facility, Indian Head Indian Head, Maryland

In partnership with the United States Environmental Protection Agency (USEPA) Region III and the Maryland Department of the Environment (MDE), the Navy hereby issues this decision document for Site 24 – Abandoned Drain Lines at the Naval Support Facility (NSF) Indian Head in Indian Head, Maryland. Site 24 consists of underground (below grade) drain lines or process pipes formerly used in the production of nitrocellulose (NC). The exact location of each pipe is unknown and some pipes may have been abandoned in place with explosive material remaining in them. Other than from a strict safety standpoint, Site 24 does not pose an environmental contamination concern because NC is nearly insoluble in water and is not considered a contaminant of concern. Other constituents used in the manufacture of NC include ether, which is already being sampled in down-gradient monitoring wells and has been detected only at low levels. Ethanol is another process constituent and would be unlikely to create unacceptable risk. Acids used in the process are highly water soluble and would not be expected to contribute to unacceptable risk. The necessary safety controls are in place because the area encompassed by Site 24 is included in the Geographic Information System (GIS) and covered by the Comprehensive Work Approval Process (CWAP) followed by NSF Indian Head. A hypothetical environmental risk exists in the scenario of diphenylamine, an NC production constituent, leaking from the pipes into the shallow groundwater. Since Site 24 is co-located with Site 57 – Building 292 TCE Contamination, diphenylamine will be added to the list of constituents that will be monitored as part of the remedial action and long-term monitoring at Site 57. Therefore, it is the consensus of the Navy, the USEPA Region III, with concurrence from the MDE, and members of the Indian Head Installation Restoration Team (IHIRT), that Site 24 requires no further action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended. In the event that contamination posing an unacceptable risk to human health or the environment is discovered after execution of this decision document, the Navy agrees to reevaluate Site 24, as necessary.

 4/4/2007

Dennis Orenshaw Date
Remedial Project Manager
USEPA Region III

 4/4/2007

Shawn Jorgensen Date
Remedial Project Manager
Naval Support Facility, Indian Head

 4/4/2007

Jeffrey W. Morris Date
Remedial Project Manager
NAVFAC Washington

 4/4/2007

Joseph Rail Date
Remedial Project Manager
NAVFAC Washington