

SITE SUMMARY

Issue:

- o Naval Air Station at Oceana, Virginia: Line Shack (31-33) Disposal Area (Site 2A)

Summary:

- o Groundwater samples were collected from monitoring wells surrounding this disposal area. All measured concentrations were below or near detection levels. There appears to be no contamination migrating away from the site and little threat to human health or the environment from this site.

Background:

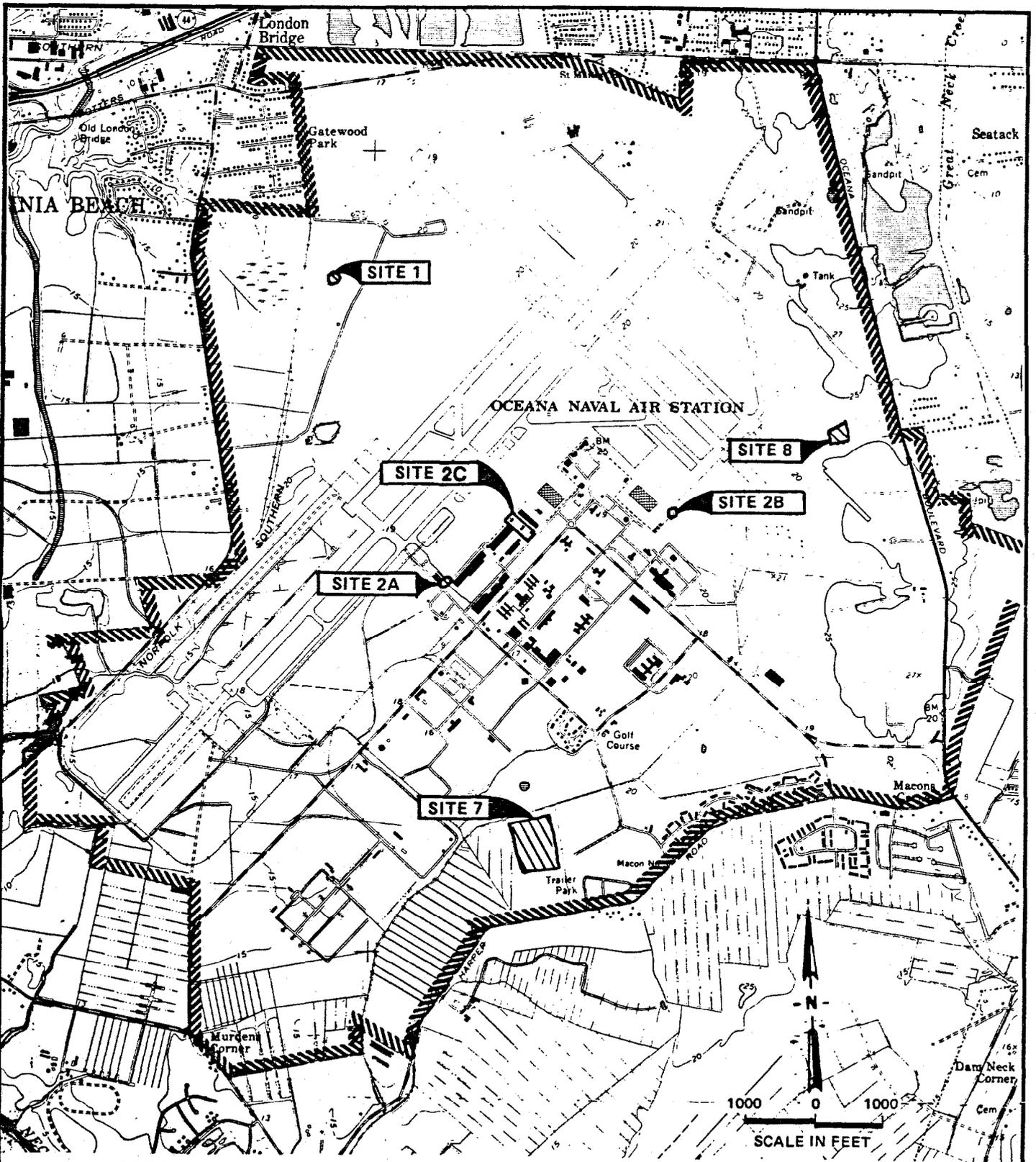
- o Between the early 1960s and 1981, waste liquids associated with aircraft maintenance were dumped on an area adjacent to Line Shacks 31, 32 and 33 as well as near other line shacks on the base. These wastes included oil, hydraulic fluid, PD680, and aromatic hydrocarbons associated with paint stripping, degreasing, and lubrication of the aircraft. The volumes discharged into the disposal area adjacent to these line shacks are unknown, but an estimated combined total for all five line shacks was 7,000 to 15,000 gallons of wastes disposed.

Discussion:

- o Three groundwater samples were collected and analyzed in May 1986.
- o Concentrations of constituents in the groundwater samples were below or near detection limits for all samples.
- o The primary potential means of contaminant migration is likely to be by groundwater transport to the northwest, based on observed water levels. These results suggest that there is little or no contamination migrating away from this site and that the potential threat to human health or the environment is low.

Future Plans:

- o Future plans are to perform an additional round of sampling and analysis from these wells to verify the 1986 data.

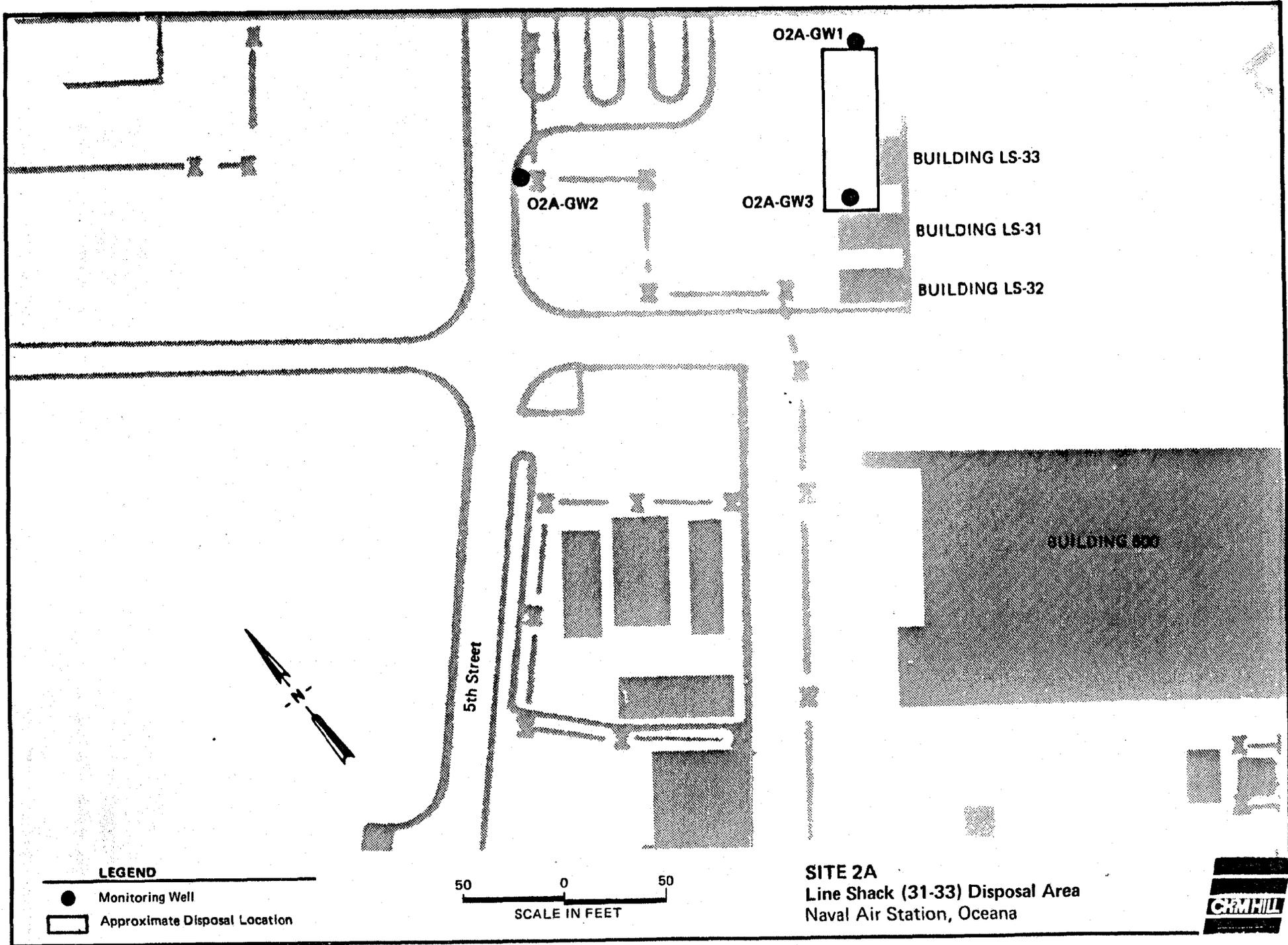


LEGEND

-  Base Boundary
-  Site Boundary
- SITE 1 - West Woods Oil Disposal Area
- SITE 2A - Line Shack (31-33) Disposal Area
- SITE 2B - Line Shack (130-131) Disposal Area
- SITE 7 - Fifth Green Landfill
- SITE 8 - North Station Landfill
- SITE 14 - Fentress Landfill is not located on this map

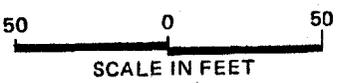
Site Locations
Naval Air Station, Oceana





LEGEND

- Monitoring Well
- Approximate Disposal Location



SITE 2A
Line Shack (31-33) Disposal Area
Naval Air Station, Oceana

