

Facility

Minot Air Force Base (MAFB)

Site/EPA Id.#

ND4571924758

Location

320 Peacekeeper Place
Minot Air Force Base, ND 58705

Contact

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Lead Agency

North Dakota Department of Environmental Quality (NDDEQ), Division of Waste Management (DWM)

Setting And Operations History

MAFB is a military facility with a mission of national defense. The base has been in operation since 1957 and is a city unto itself with a population of about 12,000. The focus of the mission has changed over time but has included aerial combat and bombing, aerial refueling, intercontinental ballistic missiles and miscellaneous aircraft operations. Activities at the base have required the storage and use of hazardous substances as well as the generation, treatment, recycling, storage, transportation and disposal of hazardous waste. A landfill was created on the base for disposal of various municipal wastes. The base occupies 5,050 acres amongst agricultural land consisting primarily of cultivated crops and pasture. Many contaminated sites have been identified beginning with an inspection conducted by the United States Environmental Protection Agency (USEPA) Region VIII and the ND Department of Health (NDDH) in 1984. Subsequently, further assessments and investigations added to the identified sites, many of which are documented as solid waste management units (SWMU) and areas of concern (AOC) in a corrective action permit.

Regulatory

Instrument: Corrective action permit
Issued By: NDDEQ
Effective Dates: July 1, 2019 until July 1, 2024.

Regulated Units

Currently there are five sites undergoing corrective action:

- Former sanitary landfill
- Bulk petroleum, oil and lubricant storage area
- Hospital building 194
- Army Air Force Exchange Service Station-Building 585
- Building 1107

Waste Generation

Hazardous wastes generated in the past and/or currently include:

Type	Hazardousness
Fuel, lubricants	Flammable, toxic
Solvents	Toxic, flammable
Metal and metal containing waste	Toxic, corrosive
Munitions and ordinance	Reactive, toxic
Municipal	Toxic, flammable, corrosive

Potential For Releases

A Resource Conservation and Recovery Act [RCRA] Facility Assessment (RFA) and later RCRA Facility Investigation (RFI) identified 66 SWMUs and AOCs. All sites had a potential for release of contaminants.

Corrective Action Status And Stabilization Activities

Currently, all sites have successfully completed all phases of the corrective action process and have the contaminants of concern under control. This means that although contaminants may remain they do not pose an unacceptable risk to human health nor the environment. This control includes release to ground water and human exposure controls, stabilization measures and institutional controls. Among the regulated units continuing in corrective action, the contaminants are being monitored for concentration, by-products of degradation and mobility. For more details on any site please refer to the corrective action permit and applicable site documents on file. This facility is in operation and performing maintenance on regulated corrective action sites.

Community Involvement

MAFB conducts informational meetings for permit regulated activities in the surrounding communities as required or deemed beneficial.

Updated June 2021