

Annual Report Format



National Pollutant Discharge Elimination System Stormwater Program MS4 Annual Report Format



Check box if you are submitting an individual Annual Report with one or more cooperative program elements. ☐

Check box if you are submitting an individual Annual Report with individual program elements only. ☒

Check box if this is a new name, address, etc. ☐

1. MS4(s) Information

Department of the Air Force, Kirtland Air Force Base, 377th MSG/CEIE

Name of MS4

Isreal

Tavarez

Chief, Environmental Management

Name of Contact Person (First)

(Last)

(Title)

505-846-8546

isreal.tavarez@us.af.mil

Telephone (including area code)

E-mail

2050 Wyoming Blvd SE, Building 20685

Mailing Address

Kirtland AFB

NM

87117-5663

City

State

ZIP code

What size population does your MS4(s) serve?

22,943

NPDES number

NMR04A009

What is the reporting period for this report? (mm/dd/yyyy)

From

07/01/2023

to

06/30/2024

2. Water Quality Priorities

A. Does your MS4(s) discharge to waters listed as impaired on a state 303(d) list? ☒ Yes ☐ No

B. If yes, identify each impaired water, the impairment, whether a TMDL has been approved by EPA for each, and whether the TMDL assigns a wasteload allocation to your MS4(s). Use a new line for each impairment, and attach additional pages as necessary.

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
Tijeras Arroyo NM -9000.A_70	N/A	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Rio Grande NM-2105_50N	E.Coli, dissolved oxygen, PCB	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

2. B. Continued

Impaired Water	Impairment	Approved TMDL		TMDL assigns WLA to MS4	
<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<input type="text"/>	<input type="text"/>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources contributing to the impairment(s) are you targeting in your stormwater program?

KAFB is continuing to collect data on dissolved oxygen, sediment control, and bacteria reduction. See supplemental information.

D. Do you discharge to any high-quality waters (e.g., Tier 2, Tier 3, outstanding natural resource waters, or other state or federal designation)? ☐ Yes ☒ No

E. Are you implementing additional specific provisions to ensure their continued integrity? ☐ Yes ☒ No

3. Public Education and Public Participation

A. Is your public education program targeting specific pollutants and sources of those pollutants? ☒ Yes ☐ No

B. If yes, what are the specific sources and/or pollutants addressed by your public education program?

Pesticides, herbicides, oil products, sanitary waste, pet waste, sediment, and floatables.

C. Note specific successful outcome(s) (e.g., quantified reduction in fertilizer use; NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period.

KAFB cleaned three ponds in the Kirtland Family Housing area removing trash, trees, and debris.

D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? ☒ Yes ☐ No

4. Construction

A. Do you have an ordinance or other regulatory mechanism stipulating:

Erosion and sediment control requirements? ☒ Yes ☐ No

Other construction waste control requirements? ☒ Yes ☐ No

Requirement to submit construction plans for review? ☒ Yes ☐ No

MS4 enforcement authority? ☒ Yes ☐ No

B. Do you have written procedures for:

Reviewing construction plans? ☒ Yes ☐ No

Performing inspections? ☒ Yes ☐ No

Responding to violations? ☒ Yes ☐ No

C. Identify the number of active construction sites ≥ 1 acre in operation in your jurisdiction at any time during the reporting period.

D. How many of the sites identified in 4.C did you inspect during this reporting period?

E. Describe, on average, the frequency with which your program conducts construction site inspections.

Inspections of active construction sites occur monthly by KAFB and at least bi-monthly by contractor's qualified stormwater inspectors.

F. Do you prioritize certain construction sites for more frequent inspections? ☒ Yes ☐ No

If Yes, based on what criteria?

An inspection deficiency may warrant more frequent inspections, reporting, or corrective actions to return site to compliance. +

G. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

☐ Yes Notice of violation No Authority ☒

☐ Yes Administrative fines No Authority ☒

☒ Yes Stop Work Orders No Authority ☐

☐ Yes Civil penalties No Authority ☒

☐ Yes Criminal actions No Authority ☒

☐ Yes Administrative orders No Authority ☒

☒ Yes Other Federal Acquisition Regulations - withholding project funds, punitive fees, negative contractor performance ratings.

H. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions of active construction sites in your jurisdiction? ☒ Yes ☐ No

I. What are the 3 most common types of violations documented during this reporting period?

Sediment track-out onto streets, damaged silt fencing, and vehicle track out pads requiring refresh/rebuild.

J. How often do municipal employees receive training on the construction program? Annually, for specific staff

5. Illicit Discharge Elimination

A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? ☒ Yes ☐ No

B. Have you completed a map of all storm drain pipes and other conveyances in the storm sewer system? ☒ Yes ☐ No

C. Identify the number of outfalls in your storm sewer system. 5 (MS4 Outfalls)

D. Do you have documented procedures, including frequency, for screening outfalls? ☒ Yes ☐ No

E. Of the outfalls identified in 5.C, how many were screened for dry weather discharges during this reporting period?

5 (MS4 Outfalls)

F. Of the outfalls identified in 5.C, how many have been screened for dry weather discharges at any time since you obtained MS4 permit coverage? 5

G. What is your frequency for screening outfalls for illicit discharges? Describe any variation based on size/type.

The 5 outfalls are screened at least monthly during the wet season.

H. Do you have an ordinance or other regulatory mechanism that effectively prohibits illicit discharges? ☒ Yes ☐ No

I. Do you have an ordinance or other regulatory mechanism that provides authority for you to take enforcement action and/or recover costs for addressing illicit discharges? ☒ Yes ☐ No

J. During this reporting period, how many illicit discharges/illegal connections have you discovered?

K. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated?

L. How often do municipal employees receive training on the illicit discharge program?

6. Stormwater Management for Municipal Operations

A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:

All public parks, ball fields, other recreational facilities and other open spaces	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
All municipal construction activities, including those disturbing less than 1 acre	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
All municipal turf grass/landscape management activities	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
All municipal vehicle fueling, operation and maintenance activities	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
All municipal maintenance yards	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
All municipal waste handling and disposal areas	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Other

B. Are stormwater inspections conducted at these facilities? ☒ Yes ☐ No

C. If Yes, at what frequency are inspections conducted?

D. List activities for which operating procedures or management practices specific to stormwater management have been developed (e.g., road repairs, catch basin cleaning).

See Kirtland MSGP SWPPP and MS4 SWMP at <http://www.kirtland.af.mil/Home/environment>

E. Do you prioritize certain municipal activities and/or facilities for more frequent inspection? ☐ Yes ☒ No

F. If Yes, which activities and/or facilities receive most frequent inspections?

G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management? ☒ Yes ☐ No

H. If yes, do you also provide regular updates and refreshers? ☒ Yes ☐ No

I. If so, how frequently and/or under what circumstances?

All personnel complete one-time environmental awareness training and annual in-person training to Unit Environmental Coordinators.

7. Long-term (Post-Construction) Stormwater Measures

A. Do you have an ordinance or other regulatory mechanism to require:

Site plan reviews for stormwater/water quality of all new and re-development projects?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Long-term operation and maintenance of stormwater management controls?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Retrofitting to incorporate long-term stormwater management controls?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

B. If you have retrofit requirements, what are the circumstances/criteria?

Design reviews are conducted for all construction plans including new facilities or modifications to existing facilities. An environmental checklist is completed that includes requirements for stormwater management controls.

C. What are your criteria for determining which new/re-development stormwater plans you will review (e.g., all projects, projects disturbing greater than one acre, etc.)?

All activities regardless of size are reviewed and must implement BMPs to ensure stormwater pollutants are contained to the maximum practicable extent and do not enter the storm drain system or arroyos.

D. Do you require water quality or quantity design standards or performance standards, either directly or by reference to a state or other standard, be met for new development and re-development? ☒ Yes ☐ No

E. Do these performance or design standards require that pre-development hydrology be met for:

Flow volumes ☒ Yes ☐ No

Peak discharge rates ☒ Yes ☐ No

Discharge frequency ☒ Yes ☐ No

Flow duration ☒ Yes ☐ No

F. Please provide the URL/reference where all post-construction stormwater management standards can be found.

https://www.epa.gov/sites/production/files/2016-08/documents/swstdsummary_7-13-16_508.pdf

G. How many development and redevelopment project plans were reviewed during the reporting period to assess impacts to water quality and receiving stream protection?

H. How many of the plans identified in 7.G were approved?

I. How many privately owned permanent stormwater management practices/facilities were inspected during the reporting period?

J. How many of the practices/facilities identified in I were found to have inadequate maintenance?

K. How long do you give operators to remedy any operation and maintenance deficiencies identified during inspections?

L. Do you have authority to take enforcement action for failure to properly operate and maintain stormwater practices/facilities? ☒ Yes ☐ No

M. How many formal enforcement actions (i.e., more than a verbal or written warning) were taken for failure to adequately operate and/or maintain stormwater management practices?

N. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? ☒ Yes ☐ No

O. Do all municipal departments and/or staff (as relevant) have access to this tracking system? ☒ Yes ☐ No

P. How often do municipal employees receive training on the post-construction program?

8. Program Resources

A. What was the annual expenditure to implement MS4 permit requirements this reporting period?

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit?

C. This year what is/are your source(s) of funding for the stormwater program, and annual revenue (amount or percentage) derived from each?

Source: Amount \$ OR %

Source: Amount \$ OR %

Source: Amount \$ OR %

D. How many FTEs does your municipality devote to the stormwater program (specifically for implementing the stormwater program; not municipal employees with other primary responsibilities)?

E. Do you share program implementation responsibilities with any other entities? ☐ Yes ☒ No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

9. **Evaluating/Measuring Progress**

A. What indicators do you use to evaluate the overall effectiveness of your stormwater management program, how long have you been tracking them, and at what frequency? These are not measurable goals for individual management practices or tasks, but large-scale or long-term metrics for the overall program, such as macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
<i>Example: E. coli</i>	2003	Weekly April–September	20
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

B. What environmental quality trends have you documented over the duration of your stormwater program? Reports or summaries can be attached electronically, or provide the URL to where they may be found on the Web.

KAFB continues to collect data. Trend analysis will be performed when more data is available.

10. **Additional Information**

Please attach any additional information on the performance of your MS4 program, including information required in Parts I.C, I.D, and III.B. If providing clarification to any of the questions above, please provide the question number (e.g., 2C) in your response.

Certification Statement and Signature

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

☒ Yes ☐ No

Federal regulations require this application to be signed as follows: **For a municipal, State, Federal, or other public facility:** by either a principal executive or ranking elected official.

Signature

Isreal L Tavaréz

Isreal Tavaréz, Chief, Environmental Mgt

Name of Certifying Official, Title

10/02/2024

Date (mm/dd/yyyy)

Kirtland Air Force Base

1 July 2023 to 30 June 2024 MS4 Annual Report

Supplemental Information

Kirtland Air Force Base (KAFB) is a military installation located in central New Mexico, southeast of and adjacent to the City of Albuquerque and is a Phase II MS4 that is classified as a Class B Permittee. The installation encompasses 51,585 acres with elevations ranging from 5,200 to almost 8,000 feet above mean sea level. The Manzanita Mountains on its eastern boundary rise to over 10,000 feet. The land within the installation is owned by the United States Air Force (USAF), United States Forest Service (USFS) (withdrawn to the Department of Defense (DoD)), Bureau of Land Management (withdrawn to the DoD), and the Department of Energy. The base urbanized area is 2,795 acres, or 4.37 square miles, and is entirely located within Bernalillo County at the approximate latitude of 35.06°N and longitude of 106.5°W. Surrounding land uses adjacent to KAFB include the USFS Cibola National Forest to the northeast and east; the Isleta Pueblo Reservation to the south; Bernalillo County developments to the southwest; residential and business areas of the City of Albuquerque to the west and north; and the Albuquerque International Sunport, directly to the west. KAFB is the sixth largest installation in the USAF and is operated by the 377th Air Base Wing, a unit of Air Force Global Strike Command's 20th Air Force and host unit at the base. KAFB has over 20,000 employees on base, including over 4,000 military, 3,500 civil service, and 19,500 contractors. There are more than 100 mission partners, to include training units, research laboratories, and three Major Air Force Commands, Reserve, and National Guard components. Missions at KAFB fall into four major categories: research, development, and testing; readiness and training; munitions maintenance; and support to installation operations.

The following information provides an implementation status of the KAFB stormwater program, the Storm Water Management Plan (SWMP), and best management practices (BMPs) for the reporting period of 1 July 2023 to 30 June 2024. There have been no changes made to the SWMP or BMPs for the reporting year. The sections underlined below are tied to the MS4 Annual Report Form.

2.C. What specific sources contributing to the impairment(s) is [KAFB] targeting in the stormwater program?

KAFB is continuing to collect data on dissolved oxygen, sediment discharge, and bacteria reduction, as discussed below.

Dissolved Oxygen

During the reporting year, stormwater pollutants that affect dissolved oxygen levels are reviewed, including fertilizers, pesticides, herbicides, and animal waste. Dissolved oxygen and bacteria reduction are directly correlated when it comes to animal waste. Please reference the discussion below in Bacteria Reduction on animal waste. Programs to manage the use of

pesticides, herbicides and fertilizers have been in place at KAFB since 2007 and only products labeled for treating drainages or arroyos are used in those areas. KAFB has an extensive Base Maintenance Contract (BMC) with a formal, written Performance Work Statement (PWS). The base maintenance contractor is responsible for implementing the Integrated Pest Management Plan (IPMP) at KAFB. This plan establishes the strategy and methods for conducting a safe, effective, and environmentally-sound Integrated Pest Management (IPM) program that reduces pollution and other risk factors associated with the use of pesticides. Maintenance and implementation are an important aspect of KAFB's IPMP, which is comprised of the following eight elements:

1. IPMP
2. IPM
3. Pest Management Program Reviews and Audits
4. Training and Certification of Pest Management Personnel
5. Pesticides and Pest Management Equipment
6. Contracting for Commercial Pest Management Equipment
7. Specialized Pest Management Operations
8. Pest Management and Disease Vector Control in Military Contingency Operations

KAFB implements processes and procedures to minimize contaminant exposure to stormwater and reduce impacts to dissolved oxygen by:

- a) using oil water separators (OWSs) at vehicle and equipment maintenance facilities to limit pollutants from entering stormwater,
- b) installing dikes and berms to prevent contaminants from flowing to exposed areas, and,
- c) appointing Facility Managers and Unit Environmental Coordinators (UEC) whose responsibilities include inspecting dumpsters and material storage areas for leaks and cracks.

The Pest Management Plan states that all BMC contractors working in the Entomology Shop are certified through the New Mexico Department of Agriculture, and annual training is completed in the form of continuing education units.

Sediment Discharge

Maintenance performed by the base maintenance contractor includes sweeping impervious surfaces on a schedule which reduces the quantity of sediment discharged during storm events. According to the BMC PWS part G.11.8.1 "The Contractor shall sweep all installation streets and driveway aprons shown in Annex W2-14 Base Sweeping Schedule & Map as often as necessary to remove hazards, reduce suspended solids in storm water and prevent drainage problems, and to maintain professional appearances at Kirtland." The Annex W2-14 Map describes that majority of the flightline, Wyoming Boulevard (Blvd.) from the Wyoming Gate to the Grounds Shop, Truman Street/Grace Avenue, and Randolph Road will be swept daily among others. The contractor is also responsible for maintaining, repairing, and constructing ditches, culvert storm drains, catch basins, impoundments, subsurface drains, and outlets to allow free

flow of waters to natural basins or collection points at all times. This includes inspecting and ensuring continuous free flow of water in open drainage systems, outfalls, spill gates, and flood gates; maintaining surface drainage ditches to be free of shrubs, trees, silt, and trash to prevent erosion and ensure continuous flow of water; and removing all trash and debris collected in ditches and ditch banks and disposing of this material properly. At construction sites construction inspections are performed every 14 days by the construction contractor and monthly by the BMC. Dust control is targeted at these construction sites and on Powerline Road. As needed, the base maintenance contractor will conduct maintenance activities at the request of the Water Quality Program Manager (WQPM) in addition to routine maintenance. During the reporting year, the WQPM submitted no AF 332 Work Order Requests and one request to the City of Albuquerque to clean Outfall I:

- Outfall I/Eubank Outfall – The City of Albuquerque was not able to complete a full cleaning of this outfall due to personnel issues. Some trash was removed; however, the pond was unable to be completely drained to facilitate a full cleaning of the pond. An exact amount removed is unavailable.

On 19 August 2019, to further address sediment, KAFB developed a *Programmatic Environmental Assessment (PEA) Addressing Upgrade of the Stormwater Drainage System, Kirtland Air Force Base, New Mexico*. The purpose of the PEA is to enable future projects that will upgrade stormwater drainage systems on KAFB to meet current standards, reduce flooding and standing water issues, and address erosion and sedimentation issues that occur on the installation.

Bacteria Reduction

The Civil Engineering (CE) Operations Branch, Distribution Shop operates, repairs, and maintains domestic sanitary sewage and industrial collection systems, force mains, valves, manholes, vaults, clean-outs, facility sewage services, and leak detection equipment, from the collection drain to the sewer main. The Distribution Shop's responsibilities include operating, repairing, and maintaining all sanitary sewage lines, industrial-holding tanks, and all electronic, mechanical, and electrical control systems associated with the sanitary sewage collection systems; operating, repairing, and maintaining all lift stations from the collection point to the sewage main; maintaining the pumps, piping, pump mounting hardware, valves, main connections, and all electronic, mechanical, and electrical control and leach fields prior to the sewer mains; establishing an inspection schedule to verify operational integrity and operational reliability due to past experience of problematic areas; correcting any discrepancies to ensure continuous operation of the system; providing for the removal of solids and the cleaning of systems and equipment upon any noticeable accumulation of solids or debris; and maintaining records of inspection dates. There are eight problem areas on base and those areas are checked monthly for any issues. The eight problem areas include:

- 1) Manzano Base – due to historical back ups
- 2) Buildings 589, 580, and 581 – the sewer line back slopes in some areas and a new 6-inch line for Building 577 was installed because it was originally tied to an abandoned line

- 3) West of Eubank Gate – since development increased in the area asphalt and other construction debris has been found in the sewer line
- 4) South of the Carlisle Gate – minimal flow
- 5) South of Pennsylvania Street and the Golf Course as well as North of AFRL Skywave – historic sewer line break in this area at the Tijeras Arroyo
- 6) Hanger 1000 – rags continue to be found in the sewer
- 7) Southwest of the Maxwell area and Gibson Blvd. – along Gibson Blvd. has backed up in the past due to the City of Albuquerque sewer that the KAFB sewer line feeds into,
- 8) Sewer line with 2068G and those lines that feed off base (southwest lines) – the City of Albuquerque lines have been slip lined

As a BMP for reducing bacteria, throughout the reporting period the BMC and KFH supplied pet waste bags and disposal bins along walking paths in parks and in housing areas.

3.B. Pollutant Sources Addressed in Public Education and Outreach Program

Educational materials posted on the KAFB Environment webpage (<https://www.kirtland.af.mil/Home/environment/>) during the reporting year included:

- A KAFB stormwater awareness poster providing information on how to keep stormwater clean that addresses pesticides, general trash, household chemicals, automotive fluids, and pet waste. It provides information on how to recognize stormwater pollution and provides a telephone number for reporting issues.

https://www.kirtland.af.mil/Portals/52/Stormwater_Awareness_1.pdf

- “When It Rains, It Drains” brochure that explains how stormwater gets polluted and what everyone can do to help keep stormwater clean.

<http://www.kirtland.af.mil/Portals/52/documents/AFD-100301-030.pdf?ver=2016-06-27-120127-517>

- An EPA document “Protecting Water Quality from Urban Runoff” that explains how development in an area can impact runoff volume and stormwater quality.

<http://www.kirtland.af.mil/Portals/52/documents/AFD-100301-031.pdf?ver=2016-06-27-120155-593>

The KAFB Environmental Management office attends newcomers events where information on protecting stormwater runoff is displayed, including the Environmental Protection Agency document “Protecting Water Quality from Urban Runoff”. In addition, the KAFB Environmental Management office Facility Manager training includes best management practices for reducing stormwater pollution through regular building perimeter checks, parking lot cleanup, and ensuring trash bins are closed.

Reporting Potential Stormwater Issues

Section G.4.4 of the BMC PWS (16 February 2022) requires implementation of a 24-hour, 7-days per week Customer Service Desk telephone line to field reports and requests by KAFB personnel to address emergency conditions and non-emergency work orders. The base maintenance contractor alerts the WQPM to potential issues related to dry weather or non-stormwater flows and other stormwater pollution concerns. Reports received are investigated to determine whether the flow is an allowable discharge or potential illicit discharge. Potential illicit discharges identified are investigated so that the source can be determined and eliminated.

KAFB personnel are required to report spills to Environmental Management. Spills are promptly cleaned up by an on-site spill response contractor for most spills. During the reporting period, a total of 14 spills in 2023 and 12 spills in 2024 were reported to Environmental Management, many due to vehicle accidents, equipment failures, or operator error. Of the total 26 spills, most were below 5 gallons of spilled fuel or material. The greatest amount of material spilled during the reporting period was 50 gallons of deicer glycol due to a parked deicer truck experiencing a leak while transferring on 12 January 2024. It is recommended that the deicer truck continue to follow proper maintenance schedules to prevent issues in the future. The KAFB spill response and reporting form is located here: <https://www.kirtland.af.mil/Home/Environment/>.

5.B. Sanitary Sewer and Storm Drainage System Maps

KAFB has government and contract support to maintain and update a Geographic Information System (GIS) database in which sanitary and storm drainage system maps are available. The base maintenance contractor maintains and updates the GIS and drawings for all utilities systems.

GIS is updated when final design packages are submitted to the BMC. The GIS system was updated during the reporting period and on an ongoing basis. Updates are confirmed via a collaborative effort between CE GIS personnel and the base maintenance contractor.

In 2024, a new effort to update the flow directions for the sanitary sewer system began by the WQPM, Environmental AFCEC GIS Contract Support, and Distribution Shop. The maps are in development.

5.J. Illicit Discharge Detection and Elimination Program

The base maintenance contractor is responsible for maintaining OWSs, storm drains and septic systems at KAFB. They perform routine inspections of this infrastructure and respond to emergency conditions. The CE Distribution Shop is responsible for maintenance, inspection, and emergency response for the sanitary sewer system. KAFB also contracts with an Environmental Fence-to-Fence (F2F) contractor to provide support to the Stormwater Program. In addition to collecting wet weather and dry weather samples, the consultant assists with

responding to and investigating potential illicit discharges. During the reporting period, no illicit discharges were found at MS4 outfalls.

6.D. List activities for which operating procedures or management practices specific to stormwater management have been developed

KAFB is required to comply with a comprehensive list of Air Force Manuals (AFMAN), Air Force Instructions (AFI), and Air Force Policy Directives (AFPD) that outline requirements for environmental compliance. The following are examples of the regulations that support the implementation of the Stormwater Program at KAFB:

AFI 32-7001	Environmental Management
AFMAN 32-7002	Environmental Compliance and Pollution Prevention
AFI 32-1001	Civil Engineer Operations (includes snow and ice control)
AFMAN 32-1067	Water and Fuel Systems
AFPD 32-70	Environmental Considerations in AF Programs and Activities
AFI 23-201	Fuels Management
AFMAN 32-1053	Integrated Pest Management Program

6.G. Do all municipal employees and contractors overseeing planning and implementation of stormwater-related activities receive comprehensive training on stormwater management?

A one-time Environmental Management System (EMS) Awareness Training is required for all employees and contractors. Unit Environmental Coordinators coordinate job-specific training needs for their organizations, and Environmental Management provides the training. Construction General Permit (CGP) training is available and began distribution to CGP contractors on 20 January 2021. Every new construction project that begins on base is given this CGP training. One new construction site was given the training on 2 April 2024. As new construction sites begin, they will be given the training.

Public Review and Comment: The 2024 draft annual report will be posted to the KAFB website at: <https://www.kirtland.af.mil/Home/environment/> in early October 2024. A statement announcing the public review period will be posted in the Albuquerque Journal with a link to the draft report and instructions on how to submit comments via email.

SWMP Measurable Goal Updates for the 2023-2024 MS4 Annual Report

Table 7-1: Dissolved Oxygen Strategy Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
DO-1.a	Investigate Contributors to Reduced Dissolved Oxygen in Receiving Waters	Inventory and investigate structural controls to determine their potential effect on dissolved oxygen in receiving waters. Dissolved oxygen (DO) is the amount of oxygen present in water. Water bodies receive oxygen from the atmosphere and from aquatic plants. Running water, such as that of a swift moving stream, dissolves more oxygen than the still water of a pond or lake. Reducing pooling and ponding produces faster moving water thus dissolving more oxygen and preventing algae blooms. This improved water quality condition supports aquatic life.	Document inventory and investigation results then revise BMPs, as needed.	The WQPM worked with the City of Albuquerque (ABQ) to organize clean the trash and debris in Outfall I starting on 30 May 2023. The city noticed the water flowing into the pond and has tried to identify its source. As of 5 June 2023, water has delayed the completion of the cleaning of this outfall and more trash has entered the pond. The City of ABQ has been experiencing a shortage of employees, so they have been unable to clean out the pond this reporting period. The pond located behind Village 4 was cleaned 19 August 2023. The pond East of the Wyoming Gate north of KFH was cleaned on about 28 August 2024. The Pond east of Outfall G was cleaned on 12 September 2023. Various trees, plants, and debris were removed.
DO-1.b		Inventory and investigate natural or man-made topographical and geological formations for potential effects on dissolved oxygen in receiving waters.	Document inventory and investigation results then revise BMPs, as needed.	KAFB WQPM will continue working with AFCEC and CE GIS personnel to determine the presence and impact of these formations.
DO-1.c		Review MS4 operations for potential effect on dissolved oxygen in receiving waters.	Annually evaluate standard operating procedures and BMPs, report revisions in Annual Report.	Implemented 22 March 2015 and ongoing. Reporting year update: Outfall I/Eubank Outfall (a final discharge point of the MS4) impacts DO as stagnant water is consistently present. This water eventually discharges to Tijeras Arroyo. WQPM is collaborating with City of ABQ personnel

Table 7-1: Dissolved Oxygen Strategy Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
				to improve water quality conditions within the Outfall by asking how the amount of trash entering the Eubank Outfall could be decreased. City personnel remove trash, floatables, and sediment normally from the Eubank Outfall, annually. The Eubank Outfall began its cleaning in May 2023. Completion of the work is unconfirmed at the end of this reporting period.
DO-1.d	Investigate Contributors to Reduced Dissolved Oxygen in Receiving Waters	Review chemicals and materials used through standard procedures to determine if any items impact dissolved oxygen.	Annually review purchases and determine feasibility of alternative products. Clean up hazardous material spills immediately to reduce risk to stormwater runoff.	Implemented 01 July 2012 and ongoing. KAFB reviews/approves all hazardous material purchases and implements processes and procedures to minimize chemical exposure to stormwater and therefore reduce impacts to dissolved oxygen (see 2.C). KAFB cleaned up 26 spills during the reporting period to ensure no impact to stormwater runoff.

Table 7-2: Sediment Pollutant Load Reduction Strategy Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
SED-1.a	Sediment Assessment	Develop sediment assessment plan that includes standard operating and QA procedures.	Develop sediment assessment plan and validate data.	Implemented 22 March 2015 and ongoing. The collection of sediment data is on-going. The development of the sediment assessment plan is scheduled next now that the Bacteria Reduction Plan is complete.
SED-1.b		Conduct sediment assessment per developed plan.	Conduct sediment assessment.	Erosion control activities minimize sediment in stormwater. During this period there was one erosion repair project conducted in the Tijeras Arroyo. Construction work to protect a section of an interceptor sanitary sewer from damage due to erosion of the Tijeras Arroyo was conducted by the ABCWUA. Another project is planned to repair/build flood control structures in the Tijeras Arroyo starting with the exit to the base. This project is at the funding stage.
SED-2.a	Estimate Baseline Sediment Loading	Estimate baseline sediment loading and relative potential for contamination of sediments utilizing results from assessment.	Document baseline sediment loading estimate.	As part of the preparation of the Sediment Reduction Plan, a baseline sediment loading estimate was performed and implemented on 22 March 2015. Sampling within Kirtland AFB has continued to compare against the baseline; however, sampling data is inconsistent as it is dependent on a qualifying rainfall event. In this arid climate, regular stormwater events are not routine and consistent data for this evaluation is not available.
SED-3.a	Targeted Controls and BMPs for Sediment Pollutant Load Reduction	Develop targeted controls and BMPs for sediment pollutant load reduction based on results of the sediment assessment and estimate of baseline sediment loading; putting a priority on areas that are expected to generate the highest annual average pollutant loads.	Develop and document targeted controls and BMPs and update this SWMP as appropriate.	Baseline controls and BMPs including routine sweeping, vehicle track-out controls, and monthly inspections at construction sites are performed. New controls and BMPs are implemented as areas of sediment discharge are identified during routine inspections. Implement controls 5-10 years from permit effective date.

Table 7-2: Sediment Pollutant Load Reduction Strategy Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
SED-3.b		Conduct interim monitoring and evaluate BMPs.	Conduct annual monitoring and evaluations.	Implemented 22 March 2015 and conducted during the reporting year. Monitoring and evaluation are performed during onsite inspections performed by the F2F contractor. From 1 July 2023 to 31 December 2023 10 inspections were conducted. From 1 January 2024 to 30 June 2024, 11 inspections were conducted. Measuring the effectiveness of BMPs is done via visual inspections that are documented.
SED-4.a	Progress Evaluation	Assess the overall success of the sediment pollutant load reduction strategy by analyzing and interpreting data collected over the course of the implementation. This assessment should include assessment of both direct and indirect measures of success.	Document and report on the strategy's assessment in this SWMP and in the fifth annual report as appropriate.	Stormwater inspections will continue monthly for CGP inspections and after rain events, and quarterly for Multi-Sector General Permit (MSGP) inspections.

Table 7-3: Impaired Waters Requirements Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
IW-1.a	Total Maximum Daily Load (TMDL) Required Control Measures	Evaluate the Bacteria Reduction Plan to determine gaps in TMDL requirements and monitor compliance. Preventative methods to reduce bacteria in stormwater include pet waste collection stations around KAFB housing and Hardin Field.	Annually evaluate the Bacteria Reduction Plan and BMPs, report revisions in Annual Report.	Implemented 22 March 2015 and ongoing. E. coli samples collected during the 2023-2024 permit term were obtained from the sampling points where Tijeras Arroyo enters and exits KAFB. The Bacteria Reduction Plan update was completed during this reporting year with newer sampling data from Sandia National Labs. Samples are collected at these locations using in-ground samplers. As a result, flow and estimated discharge volumes were not available for these samples and therefore a direct comparison to the waste load allocation (WLA) was not conducted for this reporting year. KAFB will continue to conduct sampling activities and implementation of BMPs to reduce bacteria in stormwater.
IW-2.a	Sanitary Sewer System Evaluation	Review maintenance reports, sanitary sewer infrastructure, and other sources for improvement areas.	Annually document inadequacies, if any, and prioritize for repair.	Implemented 01 January 2013 and ongoing through the CE Distribution Shop, as necessary and if a problem is identified.
IW-2.b		Evaluate sanitary sewer lift stations for inadequacies and overflow controls.		Implemented 01 January 2013 and ongoing through the CE Distribution Shop.

Table 7-3: Impaired Waters Requirements Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
IW-3.a	Illicit Discharges	Reduce waste sources of bacteria through proper disposal and illicit discharge prevention.	Annual satisfactory rating of BMC performance, construction contractor performance, and compliant disposal procedures.	Implemented 01 January 2013 and ongoing. Aerial photography from KAFB contract support can be reviewed annually; however, a more frequent method of visual inspection is needed. Historical problem areas along the sewer system are investigated monthly by the Distribution Shop. Before and after photographs are obtainable via GIS software dating back 4 years. Construction project inspections are conducted monthly by the BMC and after rainfall and snowfall events to determine compliance.
IW-4.a	Residential and Animal Source Evaluation	Expand existing management programs to identify and target animal sources and residential discharges.	KFH and BMC personnel to monitor grounds and maintain pet scoop stations.	Implemented 01 January 2003 and ongoing. Hunt Housing (KFH) employed porters during the 2023-2024 reporting period who refresh the pet waste stations three times in a week.

Table 7-4: Construction Site Runoff Control Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 1-1.a	Construction Project Review	Conduct reviews of new construction projects to evaluate CGP requirements, site BMPs, and provide comments.	Document 95% of construction project reviews and comments.	Implemented 15 September 2003. 155 design reviews took place during the reporting period. This goal is consistently achieved.
MCM 1-1.b		Review AF Form 103 Digging Permit Request, AF Form 332 Work Order Requests, AF Form 813 Request for Environmental Impact Analysis, Environmental Baseline Surveys, and Environmental Assessments affecting stormwater and provide comments.	Document 95% reviews and comments on Digging Permits, Work Orders, 813s, Environmental Baseline Surveys (EBS), and Environmental Assessments (EAs).	Implemented 1 October 2009. 176 Dig Permits, 415 Work Orders, 119 Request for Environmental Impact Analysis requests (813s), 3 EBS, 5 EAs and 1 Environmental Impact Statement were processed during the reporting period.
MCM 1-2.a	Track Construction Projects	Maintain inventory of active construction sites and previously closed construction sites.	Annually report on-going projects under CGP.	Implemented 15 September 2003. This reporting year consisted of approximately 37 construction projects, eight of which had CGP permitting requirements. Inventory is tracked by KAFB WQPM via internal database.
MCM 1-2.b		Ensure all projects with land disturbance have been evaluated.	Annually review CE project listing and provide comments on all AF 813 requests.	Implemented 3 February 2010. All AF 813 requests are evaluated. This goal is consistently achieved.

Table 7-4: Construction Site Runoff Control Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 1-3.a	National Pollutant Discharge Elimination System – Storm Water Construction General Permit, Compliance and Enforcement	For projects requiring CGP coverage, personnel shall assess and document that contractors develop the required Stormwater Pollution Prevention Plan (SWPPP), Notice of Intent, and Notice of Termination.	Document 100% of installation projects subject to CGP.	Implemented 15 September 2003. This goal is achieved via KAFB WQPM coordination with individual construction contractors and SWPPP developers.
MCM 1-3.b		Conduct monthly inspections of all active CGP sites to ensure compliance with site-specific SWPPP.	Conduct and document monthly construction site inspections.	Implemented 15 September 2003 through environmental contract. The BMC personnel perform monthly inspections and provide them to the KAFB WQPM. This goal is consistently achieved on all CGP sites.
MCM 1-3.c		Identify deficiencies noted during site inspections. Communicate deficiencies to Contracting Officer Representative (COR) for appropriate corrective action, and document inspection reports.	Document deficiencies identified in inspections. Retain a copy of communication to COR and corrective actions.	Implemented 15 September 2003. Deficiencies entered into eDASH AF Inspection (AFINS) Enforcement Actions, Spills, and Inspections Environmental Reporting (EASIER) (internal AF database) are communicated to construction contractor, KAFB WQPM, and COR via email and tracked to closure. 39 deficiencies were identified and all 39 were corrected during the reporting year.

Table 7-4: Construction Site Runoff Control Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 1-4.a	Construction Project Contractor Education	Place CGP awareness boards at all active and permitted construction sites.	Document presence of boards in monthly inspection records.	Implemented 29 June 2010 and ongoing. Compliance item is documented on the monthly construction site inspection report. The SWPPP developer provides the construction contractor with a laminated copy which is then to be posted onsite.
MCM 1-4.b		Require CGP compliance training prior to start of project activities.	Document 90% of contractor personnel completing training.	Implemented 1 December 2010 and ongoing. A new CGP training was created and distributed to CGP contractors on 20 Jan 2021 and will be taught when each new project begins. The newest version was reviewed on 2 April 2024. The Bioenvironmental Engineering Facility Replacement project was provided the training on 2 April 2024.

Table 7-5: Post-Construction Runoff Control Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 2-1.a	Post-Construction Storm Water Management Planning	Review AF 813 forms and project designs to ensure Section 438 of the Energy Independence and Security Act and sustainable practices are integrated into construction designs.	Review and record 100% of AF 813 forms and design reviews.	Implemented February 2010 and ongoing. Review of AF 813s is documented and tracked by the CE NEPA office. All AF 813s are reviewed by the KAFB WQPM. Record of the AF 813s are stored as part of the NEPA process.
MCM 2-1.b		Annually review UFCs, AFIs, Installation Development Plan and regulations for changes in requirements concerning sustainable design. Incorporate watershed protection elements during scheduled document review/revision.	Document policy revisions and BMPs changes in annual report, if necessary.	Implemented February 2010 and ongoing. This goal is consistently reached via review by the KAFB WQPM. AFMAN 32-1067 was reviewed by the WQPM originally on 5 November 2021. The AFMAN was updated and changed to DAFMAN on 19 August 2022. Due to changes with Air Force Instruction 23-201, the DAFMAN will be updated, and further changes will be reviewed when the newest version is released.
MCM 2-1.c		Ensure the final stabilization criteria have been met.	Inspect and track status of final stabilization.	Implemented June 2007 and tracked by the KAFB WQPM. The KAFB Notice of Termination (NOT) is submitted once the applicable CGP requirements are met.
MCM 2-2.a	Existing Site Post-Construction	Estimate the acreage of impervious area.	Document impervious area on 90% of projects.	Implemented July 2015 and ongoing. KAFB WQPM reviews contractor supplied maps and applicable project documentation for all projects requiring a SWPPP.

Table 7-5: Post-Construction Runoff Control Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 2-2.b	Storm Water Controls	Inventory and prioritize KAFB assets that can be retrofitted with control measures to minimize the frequency, volume, and peak intensity of stormwater discharges.	Develop inventory and prioritization of assets for modernization.	Program implementation is pending. Base-wide stormwater control upgrades have gone through NEPA approval: “Programmatic Environmental Assessment – Addressing Upgrade of the Stormwater Drainage System (KAFB)”. Upgrades are being designed by the CE Engineering Branch and proponents are required to submit an AF 813 for each project.
MCM 2-2.c		Coordinate with BMC to ensure structural BMPs are inspected, maintained, and repaired. Coordinate with KFH Grounds Maintenance for operation and maintenance of the KFH area structural stormwater BMPs.	Annually coordinate with BMC and KFH and document BMP inspection, maintenance, and repair.	Implemented 17 March 2009 and ongoing. Outfalls B, C, and E are located at culvert structures maintained by the base. Six inspections were conducted by the F2F contractor during the dry season. No issues have been identified.
MCM 2-2.d		Require contractors to submit as-built plans to CE within 90 days of project acceptance.	Annually review contract close-out and deliverables.	Implemented January 2009 and ongoing. KAFB WQPM coordinates with CE and BMC Project Managers.
MCM 2-3.a	Post-Construction Management Review	Revise post-construction management process to incorporate improvements in control techniques. Consider water quality monitoring results in review.	Annually review 75% of projects and incorporate lessons learned.	Implemented 3 January 2011 and ongoing. KAFB WQPM coordinates with CE and BMC Project Managers. KAFB WQPM monitors and reviews 100% of CGP projects and final stabilization requirements. A “lesson learned” includes clear definition of final stabilization requirements in the SWPPP preparation and if some requirements can be exempted due to disturbance being planned such as dirt shoulders for roads.

Table 7-6: Pollution Prevention/Good Housekeeping Goals

BMP Name	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 3-1.a	Vehicle Maintenance/ Washing Controls	Provide educational information regarding vehicle maintenance and washing to installation tenants and residents.	Annually review educational materials provided to residents and installation tenants.	Implemented 17 March 2008 and ongoing. Installation tenants receive educational information from their UEC through the EMS Cross Functional Team (CFT) and Newcomers Meetings. A total of approximately 522 newcomers were trained on basic pollution prevention practices.
MCM 3-1.b		Provide guidance document addressing car washes to installation tenants and residents.	Annually review guidance document for car washes.	Implemented 28 March 2014 and ongoing. Installation tenants receive educational information from their UEC through the EMS Cross Functional Team (CFT). The WQPM confirmed the washing language in the KFH lease agreement on 27 June 2023. Washing of vehicles is only allowed once a week.
MCM 3-2.a	Response Procedures and Plans	Maintain HazWaste inventory and response procedures to address release of HazWaste.	Annually review Hazardous Waste Management Plan (HWMP).	Implemented 1 June 2007 and ongoing. This goal is consistently met. The WQPM completed review of the draft HWMP on 5 September 2023. The 2023 HWMP was distributed to the base on 4 October 2023. The Hazardous Waste Program Managers and F2F contractors also annually review the HWMP.
MCM 3-2.b		Conduct weekly inspections of Initial Accumulation Points (IAPs) per HWMP.	Document weekly IAP inspections and record in organization's records.	Implemented 1 June 2007 and ongoing. This goal is consistently met and records are maintained by the HazWaste Program.
MCM 3-2.c		Maintain Spill Prevention, Control, and Countermeasure (SPCC) Plan to address oil spill response procedures.	Annually review SPCC Plan and re-certify every 5 years.	Implemented 1 June 2007 and ongoing. The 2023 SPCC Plan was finalized on 27 August 2023. The SPCC Plan is currently being reviewed by the WQPM for the 2024 annual review.

Table 7-6: Pollution Prevention/Good Housekeeping Goals

BMP Name	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 3-2.d		Conduct annual inspections for impacts from industrial activities and operations.	Document annual inspections in accordance with the MSGP, SPCC Plan, and other program requirements.	Implemented 1 June 2007 and ongoing. This goal is consistently met. The F2F contractor performs MSGP inspections and provides WQPM the documentation. Monthly/annual tank inspections are conducted and documented by the BMC for CE tanks and tenant organizations perform their own inspections.
MCM 3-3.a	Base Contracted Services	Ensure contractor follows and implements requirements of the BMC.	Conduct comprehensive annual evaluation of BMC and enforce or modify as needed.	Implemented 1 June 2012 and ongoing. This goal is consistently achieved by BMC CORs attending bi-weekly Tanks/Wastewater/Stormwater Meetings discussing the BMC tasks.
MCM 3-3.b		Maintain dog feces collection stations situated throughout the installation.	Check stations weekly, empty stations and insert new bags.	Implemented 14 September 2006 and ongoing. This goal is consistently met by the BMC.
MCM 3-3.c		Monitor waste diversion and recycling through the Solid Waste Program.	Annually document percentage of waste diversion and quantity recycled.	Implemented 1 June 2007 and ongoing. This goal is consistently met through required semi-annual environmental data calls and is documented in KAFB's EESOH-MIS database.
MCM 3-4.a	Stormwater Infrastructure	Inventory, inspect and upgrade stormwater facilities by drainage basin.	Annually inventory and inspect selected stormwater facilities.	Implemented 1 January 2010 and ongoing. The F2F contractor reviewed stormwater facilities throughout the reporting year. Repairs to sampling equipment were made as necessary. Cleat steps were installed at Outfall I to reach where the sensor and cage is mounted. Trash around Outfall I sensor was cleaned out. The main hose and sensor at Outfall E were replaced. The ISCO sampler at outfall E was replaced. Outfalls J and H in ground samplers were repaired and bottles were replaced. The BMC is also tasked with maintaining stormwater facilities (see 2.C Sediment).

Table 7-7: Illicit Discharges and Improper Disposal Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 4-1.a	Maintain Maps and Inventories	Maintain sanitary and storm sewer maps (i.e. lines, points, attributes, etc.).	Annually update sanitary and storm sewer system maps.	Implemented 1 June 2007. Maps are maintained by CE GIS personnel and updated when CE funds a utility study. Updates to utility data is part of the BMC.
MCM 4-1.b		Maintain OWS and septic tank inventories. Routinely inspect systems.	Annually update and maintain sanitary sewer asset inventory.	Implemented 1 June 2007 and ongoing. This requirement is met through the BMC and is updated as new buildings are built. The WQPM works with the BMC to maintain the OWS and septic tank inventories. The BMC routinely inspects these systems.
MCM 4-2.a	Illicit Discharge and Improper Disposal Detection	Review telephone complaints, inspection reports, staff knowledge, and other available records to develop source reduction strategies, if needed.	Annually review complaint records to prioritize inspection efforts in problem areas for illicit discharges.	Implemented 5 December 2007 and ongoing. Records have been reviewed annually and Dig Permits have been submitted for any issues identified.
MCM 4-2.b		Screen high priority areas and the entire installation for illicit discharges.	Annually screen high priority areas and screen the entire installation.	Implemented 1 June 2007 and ongoing. Areas are screened during quarterly inspections and when issues are reported.
MCM 4-2.c		Investigate suspected or reported illicit discharges and develop corrective action.	Investigate suspected or reported discharges within 48 hours and develop corrective action plan within one week.	Implemented 1 June 2007 and ongoing. No illicit discharges at MS4 outfalls were discovered during this reporting period.
MCM 4-3.a	Illicit Discharge Education and Outreach	Maintain and replace storm drains and storm grate inlet illegal dumping labels.	Maintain and replace storm drain/grate labels every 5 years.	Implemented 19 December 2007 and ongoing. This task is in progress. Identification of all storm drain/grates is underway. Completion of obtaining all materials except the paint.

Table 7-7: Illicit Discharges and Improper Disposal Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 4-3.b		Maintain phone and web-based information services for reporting of pollution prevention issues.	Ensure systems are maintained and respond to inquiries within 48 hours.	Implemented 5 December 2007 and ongoing through the BMC 24/7 Service Desk to report emergency leaks.
MCM 4-4.a	Waste Discharge Design in Construction Projects	Ensure construction or renovation projects connect to the proper collection system to avoid cross-connections.	Review 95% of project designs and identify appropriate collection system.	Implemented 1 June 2007 and ongoing. This goal is consistently achieved by the CE Engineering Branch.

Table 7-8: Control of Floatable Discharges Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2022-2023 Update
MCM 5-1.a	Identify Floatables	Characterize floatables and trash removed from sample locations.	Annually estimate volume and characterize floatables.	Implemented 20 March 2015. Locations are consistently monitored by KAFB Civil Engineering Installation Management Environmental Compliance (CEIEC) and F2F Contractor. During the reporting period the majority of floatables and trash was found within KFH from three ponds. Any small trash will be removed by the F2F contractor at the sample locations.
MCM 5-2.a	Partner with KAFB CE Landfill Department	Ensure proper floatable and trash reduction training.	Annually validate maintenance staff training records.	Implemented 20 March 2015 and ongoing through KAFB's Pollution Prevention Efforts. In February of 2024, the stormwater training records were reviewed at the Construction and Demolition Debris Landfill. A total of four personnel were trained. Review of the SWPPP is included in that training.
MCM 5-2.b		Provide documents on grounds keeping practices that minimize floatables and trash accumulation.	Annually review maintenance staff training material.	Implemented 20 March 2015 and ongoing. In February 2024, the stormwater training records were reviewed at the Construction and Demolition Debris Landfill. Review of the SWPPP is included in that training.
MCM 5-3.a	Partner with KFH Grounds Keeping Department	KFH grounds keeping department to ensure floatable and trash reduction training.	Annually validate maintenance staff training records.	Implemented 20 March 2015 and ongoing. The WQPM created a stormwater training that explained what stormwater is and why it is important to reduce floatables and trash in the stormwater system.
MCM 5-3.b		Provide documents on grounds keeping practices that minimize floatable and trash accumulation.	Annually review maintenance staff training material.	Implemented 20 March 2015 and ongoing.

Table 7-9: Public Education and Outreach Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 6-1.a	Partner with KAFB CE Grounds Keeping Department (BMC)	Ensure proper pesticide and herbicide application and storage training.	Annually validate maintenance staff training records.	Implemented 1 June 2007 and ongoing through the BMC. The KAFB Golf Course has two applicators licensed by the state of NM. The applicators completed their annual Continuing Education Units refresher course (December 2023).
MCM 6-1.b		Ensure proper OWS and septic system maintenance training.	Annually validate maintenance staff training records.	Advanced Environmental Solutions maintains the OWS Systems with BMC oversight. BMC staff are trained according to the National Association of Wastewater Technicians every two years with training last conducted in January 2023 which will expire in January of 2025.
MCM 6-1.c		Implement most recent Integrated Pest Management (IPMP) Plan.	Annually review the manual to ensure pesticide and herbicide application conducted on base is done in a manner that minimizes impact to stormwater.	Implemented 17 March 2009 and ongoing through the BMC. KAFB Environmental reviewed the IPMP for proper stormwater practices in June 2024 for the most recent 2024 version of the plan. The IPMP is reviewed annually and updated as needed by the Natural Resources Program Manager.
MCM 6-2.a	Partner with KFH Grounds Keeping Department	KFH to ensure proper pesticide and herbicide application and storage training.	Annually validate maintenance staff training records.	Implemented 1 June 2007 and ongoing. Pesticide and herbicide application is provided by contracted service companies and Hunt/KFH maintains their certificates on file.
MCM 6-2.b		Provide documents on grounds keeping practices that minimize pollutant discharges.	Annually review/provide maintenance staff training material.	Implemented 17 March 2009 and ongoing through the BMC. The KAFB WQPM provided the KFH training that describes practices that minimize pollutant discharges.
MCM 6-3.a	Employee Training and Education	Monitor training through EMS. Consider employee turnover in training schedule.	Annually audit EMS training records during inspection.	UEC training is monitored by the EMS Program Manager. The EMS Program Manager is responsible for tracking and notifying UECs of training requirements. Approximately 8 Facility Managers have received stormwater training and 522 incoming KAFB personnel have received a general Stormwater awareness training.

Table 7-9: Public Education and Outreach Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 6-3.b		Provide educational materials to contractors related to storm water management for construction projects.	Annually review and update educational materials and provide the updated materials to contractors.	A new CGP training was created and distributed to CGP contractors on 20 Jan 2021 and will be provided when each new project begins. The newest version was reviewed on 2 April 2024. This training will be sent out whenever a new construction project begins. One new construction contractor was provided the training materials during the reporting period.
MCM 6-3.c		Publish announcements that increase awareness of stormwater protection.	Annually publish two stormwater announcements by email or presentation.	Implemented 5 March 2010 and ongoing. An email describing a recent sewer line break and the necessary spill response procedures was sent to the Civil Engineering Division, KAFB UECs, and facility managers on 26 March 2024. A similar presentation was made on 26 March 2024 to ASRC Operations and leadership in the CE Division.
MCM 6-3.d		Track shop compliance through review of self-assessments and identify training gaps.	Annually validate shop level compliance in eDASH AFINS EASIER.	Implemented 5 January 2015 and ongoing. All inspections have been entered into EASIER (43 MSGP, 61 CGP, and 2 SAVs).
MCM 6-4.a	Develop and Distribute Educational Materials to Base Residents	KFH to provide pamphlets and/or materials in new resident induction packages.	Annually review stormwater education pamphlets.	Implemented 17 March 2007 and ongoing. KFH provided stormwater information in new resident packages via their community guidelines. These community guidelines were reviewed by the WQPM on 28 June 2023.
MCM 6-4.b		Display stormwater related materials on KFH webpage.	Annually review stormwater materials posted on KFH webpage and update as needed.	KFH provided stormwater information in new resident packages via their community guidelines. These community guidelines were reviewed by the WQPM on 28 June 2023 and no changes are required. The information is similar on the KFH webpage.

Table 7-10: Public Involvement and Participation Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 7-1.a	Solicit Public Input on Storm Water Related Issues and Activities	Post reports for public comment and solicit comments at public meetings, if necessary, concerning storm water topics.	Annually post reports for public comment. Incorporate comments in documents, as appropriate.	Implemented 31 March 2010 and ongoing. This goal will be met by submitting the public notice in the Albuquerque Journal on 5 October 2024 for this report.
MCM 7-1.b		Seek public input to assess public behavioral change.	Use public feedback from 2021-2022 survey to implement the next survey.	The 2021-2022 MS4 survey results need to be analyzed prior to the next survey being sent out. The next survey target will be updated in next year's MS4 Annual Report.
MCM 7-2.a	Involvement Opportunities	Participate in MS4 Technical Advisory Group (TAG) and outreach opportunities.	Attend as many TAG meetings as possible.	Implemented 1 July 2013 and ongoing. This goal is consistently met by KAFB WQPM or AFCEC SME attendance at the TAG meetings during the 23 August 2023, 7 February 2024, and 4 April 2024 TAG Meetings.
MCM 7-2.b		Provide routine collection for special items for recycling and not disposal.	Provide collection for bulk items, prescription drugs, and hazardous waste items.	Bulk items and hazardous waste pickups for the residential housing on base is managed by KFH. Pharmaceutical waste drop-off points exist at the 377 Medical Group locations for the residential housing and will accept nearly all expired pharmaceuticals. In the industrial areas of the base, the HazWaste Program provides guidance on how to properly dispose of hazardous waste items and expired pharmaceuticals. The bulk items are managed through the integrated solid waste management contract.

Table 7-10: Public Involvement and Participation Goals

BMP Number	General BMP	BMP Description	Measurable Goal	2023-2024 Update
MCM 7-2.c		Participate in EMS CFT meetings (led by Environmental Management Office) and Environmental Safety and Occupational Health Council (ESOHC) meetings.	Attend quarterly EMS CFT meetings and semi-annual ESOHC meetings. Discuss stormwater compliance at least annually. Meetings required by the KAFB EMS Framework.	Implemented 3 January 2010 and ongoing. The EMS CFT meetings were held on 20 September 2023, 8 November 2023, 27 February 2024, and 23 April 2024, and the ESOHC meetings were held on 21 December 2023 and 7 June 2024. Environmental staff attended all these meetings that were open to extended attendance. The EMS CFT meeting slides and meeting minutes are located on e-Dash.
MCM 7-3.a	SWMP Accessibility	Public accessibility of SWMP document and annual reports on the KAFB website and at the MS4 operator's main office in the KAFB CEIEC building.	Maintain SWMP and annual reports found on the KAFB website and at the KAFB CEIEC office.	The current SWMP and Annual Report are located at the following website: https://www.kirtland.af.mil/Home/Environment/ .

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-D
SAMPLING LOCATION F - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:19 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-DA
SAMPLING LOCATION F - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:18 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

NMR04A009

Major:

No

Permittee:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-DB
SAMPLING LOCATION F - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:

Michael

Last Name:

Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN			Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI							F - Insufficient Flow for Sampling			F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN			Req Mon DAILY AV		19 - mg/L			
					Value NODI							F - Insufficient Flow for Sampling			F - Insufficient Flow for Sampling					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00400	pH	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU			
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:18 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-D
SAMPLING LOCATION G - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample					=	7.1	=	18.8	=	30.5	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB	
					Permit Req.						Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB	
					Value NODI															
00094	Conductivity	1 - Effluent Gross	0	--	Sample							=	13.5	=	14.27	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB	
					Permit Req.								Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB	
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	9.4	=	9.4			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB	
					Permit Req.						Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB	
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample							<=	10.8	=	15.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.								Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Value NODI															
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample							=	57.1	=	60.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.								Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.6			=	7.62	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB	
					Permit Req.						Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB	
					Value NODI															
					Sample							=	67.5	=	110.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	

00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample							<	9.7	<	9.7		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample							<=	1.3	<	2.0		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample							=	2.5	=	3.6		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample							<	1.0	<	1.0		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	0.53	=	0.58		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample							=	0.43	=	0.63		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS		
					Value NODI																
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period						
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample															02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample															02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
34230	Benzo[b]fluoranthene	1 - Effluent Gross	0	--	Sample														02/PT - Twice Per Permit Term	CP - COMPOS	
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI								9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period						
34242	Benzo[k]fluoranthene	1 - Effluent Gross	0	--	Sample															02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample															02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.							Req Mon DAILY AV		Req Mon DAILY MX		28 - ug/L					
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
34320	Chrysene	1 - Effluent Gross	0	--	Sample															02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.							Req Mon DAILY MN		Req Mon DAILY MX		28 - ug/L					
					Value NODI							9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							

No errors.

Comments

E. coli results are in MPN/100 mL. Assumed 1 MPN/100 mL = CFU/100 mL.

Attachments

No attachments.

Report Last Saved By

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

User:

KTAVELLA

Name:

Kaitlyn Tavella

E-Mail:

ktavella@bhate.com

Date/Time:

2024-09-10 10:30 (Time Zone: -05:00)

Report Last Signed By

User:

EHERNANDEZ222

Name:

Erica Hernandez

E-Mail:

erica.hernandez.8@us.af.mil

Date/Time:

2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-DA
SAMPLING LOCATION G - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-08-23 15:04 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-DB
SAMPLING LOCATION G - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:09 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

003
External Outfall

Discharge:

003-D
SAMPLING LOCATION H - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:08 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

003
External Outfall

Discharge:

003-DA
SAMPLING LOCATION H - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:08 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:NMR04A009

Major:No

Permitted Feature:003
External Outfall

Permittee:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:003-DB
SAMPLING LOCATION H - DRY SEASON

Facility:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:From 07/01/23 to 06/30/24

DMR Due Date:12/01/24

Status:NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:Michael

Last Name:Power

Title:Installation Commander

Telephone:505-846-8546

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:08 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

004
External Outfall

Discharge:

004-D
SAMPLING LOCATION I - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:07 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

004
External Outfall

Discharge:

004-DA
SAMPLING LOCATION I - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:07 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

NMR04A009

Major:

No

Permitted Feature:

004
External Outfall

Permittee:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:

004-DB
SAMPLING LOCATION I - DRY SEASON

Facility:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:

Michael

Last Name:

Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:06 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:NMR04A009

Major:No

Permitted Feature:005
External Outfall

Permittee:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:005-D
SAMPLING LOCATION J - DRY SEASON

Facility:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:From 07/01/23 to 06/30/24

DMR Due Date:12/01/24

Status:NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:Michael

Last Name:Power

Title:Installation Commander

Telephone:505-846-8546

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample					=		15.9	=	15.9	=	15.9	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C			
					Value NODI															
00094	Conductivity	1 - Effluent Gross	0	--	Sample								=	2.66	=	2.66	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm			
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=		18.3	=	18.3			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								=	12.0	=	12.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample								=	86.0	=	86.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=		7.68			=	7.68	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU			
					Value NODI															
					Sample								=	29.0	=	29.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS

00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample									<	0.67	<	0.67	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample									=	1.9	=	1.9	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI															
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample									<	1.0	<	1.0	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample									=	0.98	=	0.98	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI															
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
34230	Benzo[b]fluoranthene	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
34242	Benzo[k]fluoranthene	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
34320	Chrysene	1 - Effluent Gross	0	--	Sample															
					Permit Req.										Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period			
					Sample Permit														02/PT - Twice Per Permit Term	CP -

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		Term	COMPOS
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
39120	Benzidine	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
39380	Dieldrin	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
51040	E. coli	1 - Effluent Gross	0	--	Value NODI																
					Sample									=	1860.0	=	1860.0	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Permit Req.										Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Value NODI																
					Sample									<	250.0	<	250.0	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Value NODI																
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
81302	Dibenzofuran	1 - Effluent Gross	0	--	Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
					Sample																
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
					Sample																
					Permit Req.										Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

E. coli results are in MPN/100 mL. Assumed 1 MPN/100 mL = CFU/100 mL.

Attachments

No attachments.

Report Last Saved By

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

User: EHERNANDEZ222
Name: Erica Hernandez
E-Mail: erica.hernandez.8@us.af.mil
Date/Time: 2024-08-23 15:19 (Time Zone: -05:00)

Report Last Signed By

User: EHERNANDEZ222
Name: Erica Hernandez
E-Mail: erica.hernandez.8@us.af.mil
Date/Time: 2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

005
External Outfall

Discharge:

005-DA
SAMPLING LOCATION J - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:06 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

005
External Outfall

Discharge:

005-DB
SAMPLING LOCATION J - DRY SEASON

Report Dates & Status

Monitoring Period:

From 07/01/23 to 06/30/24

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														02/PT - Twice Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		02/PT - Twice Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY MN		Req Mon DAILY MX	28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-08-21 18:05 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-W
SAMPLING LOCATION F - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:47 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-WA
SAMPLING LOCATION F - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:47 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

001
External Outfall

Discharge:

001-WB
SAMPLING LOCATION F - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-08-16 14:08 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-W
SAMPLING LOCATION G - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample					=		22.3	=	22.3	=	22.3	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C			
					Value NODI															
00094	Conductivity	1 - Effluent Gross	0	--	Sample								=	2.01	=	2.01	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm			
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=		42.7	=	42.7			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L			
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample								<	50.0	<	50.0	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample					=		6.93			=	6.93	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU			
					Value NODI															
					Sample								=	38.0	=	38.0	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS

00530	Solids, total suspended	1 - Effluent Gross	0	--	Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Value NODI																
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling					
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample								<	10.0	<	10.0	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.															03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.															03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample								=	1.1	=	1.1	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.															03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	0.63	=	0.63	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.															03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																
00666	Phosphorus, dissolved	1 - Effluent Gross	0	--	Sample								=	0.57	=	0.57	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.															03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
34230	Benzo[b]fluoranthene	1 - Effluent Gross	0	--	Sample													03/PT - Three Per Permit Term	CP - COMPOS		
					Permit Req.																
					Value NODI																
34242	Benzo[k]fluoranthene	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI																
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
34320	Chrysene	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.																
					Value NODI													9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period	
					Sample																

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI										9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period					
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample								<	0.00005	<	0.00005		19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																	
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	41.0	=	41.0		3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB	
					Permit Req.										Req Mon DA GEOAV		Req Mon DAILY MX		3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI																	
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample								=	980.0	=	980.0		19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX		19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																	
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample								=	2.23	=	2.23		17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS	
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX		17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI																	
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
E. coli results are in MPN/100 mL. Assumed 1 MPN/100 mL = CFU/100 mL.	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-09 16:05 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-WA
SAMPLING LOCATION G - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

User:

KTAVELLA

Name:

Kaitlyn Tavella

E-Mail:

ktavella@bhate.com

Date/Time:

2024-06-28 10:04 (Time Zone: -05:00)

Report Last Signed By

User:

EHERNANDEZ222

Name:

Erica Hernandez

E-Mail:

erica.hernandez.8@us.af.mil

Date/Time:

2024-09-11 16:16 (Time Zone: -05:00)



EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

002
External Outfall

Discharge:

002-WB
SAMPLING LOCATION G - WET SEASON

Report Dates & Status

Monitoring Period:
From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:03 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

NMR04A009

Major:

No

Permitted Feature:

003
External Outfall

Permittee:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:

003-W
SAMPLING LOCATION H - WET SEASON

Facility:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:

Michael

Last Name:

Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:03 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:NMR04A009

Major:No

Permitted Feature:003
External Outfall

Permittee:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:003-WA
SAMPLING LOCATION H - WET SEASON

Facility:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:From 11/01/22 to 10/31/23

DMR Due Date:12/01/24

Status:NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:Michael

Last Name:Power

Title:Installation Commander

Telephone:505-846-8546

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:02 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:NMR04A009

Major:No

Permitted Feature:003
External Outfall

Permittee:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Discharge:003-WB
SAMPLING LOCATION H - WET SEASON

Facility:DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Report Dates & Status

Monitoring Period:From 11/01/22 to 10/31/23

DMR Due Date:12/01/24

Status:NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:Michael

Last Name:Power

Title:Installation Commander

Telephone:505-846-8546

No Data Indicator (NODI)

Form NODI:--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:02 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

004
External Outfall

Discharge:

004-W
SAMPLING LOCATION I - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:01 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

004
External Outfall

Discharge:

004-WA
SAMPLING LOCATION I - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:01 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

004
External Outfall

Discharge:

004-WB
SAMPLING LOCATION I - WET SEASON

Report Dates & Status

Monitoring Period:
From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 09:58 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

NMR04A009

Major:

No

Permittee:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Permittee Address:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE

Facility Location:

2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

005
External Outfall

Discharge:

005-W
SAMPLING LOCATION J - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:

Michael

Last Name:

Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN			Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI							F - Insufficient Flow for Sampling			F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00094	Conductivity	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon DAILY MN			Req Mon DAILY AV		19 - mg/L			
					Value NODI							F - Insufficient Flow for Sampling			F - Insufficient Flow for Sampling					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	CP - COMPOS
					Permit Req.										Req Mon DAILY AV		Req Mon DAILY MX			
					Value NODI										F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling			
00400	pH	1 - Effluent Gross	0	--	Sample														03/PT - Three Per Permit Term	GR - GRAB
					Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU			
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 09:59 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

005
External Outfall

Discharge:

005-WA
SAMPLING LOCATION J - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:00 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

NMR04A009
No

Permittee:
Permittee Address:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117-5663

Facility:
Facility Location:

DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE
2050 WYOMING BLVD. SE, BLDG. 20685
KIRTLAND AFB, NM 87117

Permitted Feature:

005
External Outfall

Discharge:

005-WB
SAMPLING LOCATION J - WET SEASON

Report Dates & Status

Monitoring Period:

From 11/01/22 to 10/31/23

DMR Due Date:

12/01/24

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 7 EVENTS PER LOC. PER PERMIT TERM (3 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name:
Last Name:

Michael
Power

Title:

Installation Commander

Telephone:

505-846-8546

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00010	Temperature, water deg. centigrade	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV		Req Mon DAILY MX	04 - deg C		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00094	Conductivity	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	11 - umho/cm		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon DAILY MN		Req Mon DAILY AV			19 - mg/L		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling						
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	--	Sample Permit Req.									Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI									F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
00400	pH	1 - Effluent Gross	0	--	Sample Permit Req.							Req Mon MINIMUM				Req Mon MAXIMUM	12 - SU		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI							F - Insufficient Flow for Sampling				F - Insufficient Flow for Sampling				
					Sample Permit														03/PT - Three Per Permit	CP -

[illegible]

34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39032	Pentachlorophenol	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39100	Di[2-ethylhexyl] phthalate [DEHP]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39120	Benzidine	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39380	Dieldrin	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
51040	E. coli	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DA GEOAV		Req Mon DAILY MX	3Z - CFU/100mL		03/PT - Three Per Permit Term	GR - GRAB
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	19 - mg/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
80029	Alpha gross radioactivity	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	17 - pCi/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81302	Dibenzofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				
81607	Tetrahydrofuran	1 - Effluent Gross	0	--	Sample Permit Req.											Req Mon DAILY AV		Req Mon DAILY MX	28 - ug/L		03/PT - Three Per Permit Term	CP - COMPOS
					Value NODI											F - Insufficient Flow for Sampling		F - Insufficient Flow for Sampling				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments	
Attachments	
No attachments.	
Report Last Saved By	
DEPARTMENT OF THE AIR FORCE, KIRTLAND AIR FORCE BASE, 377TH MSG/CEIE	
User:	KTAVELLA
Name:	Kaitlyn Tavella
E-Mail:	ktavella@bhate.com
Date/Time:	2024-06-28 10:00 (Time Zone: -05:00)
Report Last Signed By	
User:	EHERNANDEZ222
Name:	Erica Hernandez
E-Mail:	erica.hernandez.8@us.af.mil
Date/Time:	2024-09-11 16:16 (Time Zone: -05:00)

Bacteria Reduction Plan

1.1 INTRODUCTION

Section 303(d) of the Clean Water Act requires states to develop Total Maximum Daily Load (TMDL) management plans for water bodies determined to be water quality limited or impaired. A TMDL documents the amount of a pollutant a water body can assimilate before violating a state's water quality standard. A TMDL was established for the Middle Rio Grande (MRG) Watershed (boundaries defined by South of Alameda Bridge and North of the Isleta Pueblo Bend), and addresses *Escherichia coli* (*E. coli*) for Kirtland AFB (KAFB) receiving waters.

The Water Quality Control Commission approved TMDL for the MRG Watershed classifies Kirtland AFB as a Phase II NPDES permittee. These permittees are then assigned the facility ID NMR040000 and are broken into two assessment units: the non-Pueblo Alameda Bridge to the Angostura Division section of the Rio Grande and the Isleta Pueblo to the Alameda Street Bridge section of the Rio Grande. Kirtland AFB falls within the Isleta Pueblo to Alameda Street Bridge section. The TMDLs for this section of the Rio Grande are as follows.

Table 4.11. TMDLs for *E. coli*: Rio Grande (Isleta Pueblo bnd to Alameda Street Bridge)

	FLOW CONDITIONS				
	High	Moist	Mid-Range	Dry	Low
TMDL	5.27 x 10¹²	1.65 x 10¹²	9.03 x 10¹¹	5.77 x 10¹¹	1.89 x 10¹¹
NM0022250	1.35 x 10 ¹¹	1.35 x 10 ¹¹	1.35 x 10 ¹¹	1.35 x 10 ¹¹	1.35 x 10 ¹¹
NM0027873	1.34 x 10 ⁷	1.34 x 10 ⁷	1.34 x 10 ⁷	1.34 x 10 ⁷	1.34 x 10 ⁷
NMS000101	3.36 x 10 ¹¹	8.41 x 10 ¹⁰	5.66 x 10 ¹⁰	2.09 x 10 ¹⁰	4.67 x 10 ⁹
NMR040000	3.73 x 10 ¹⁰	9.35 x 10 ⁹	6.29 x 10 ⁹	2.32 x 10 ⁹	5.19 x 10 ⁸
Total Waste Load Allocation	5.08 x 10¹¹	2.28 x 10¹¹	1.98 x 10¹¹	1.58 x 10¹¹	1.40 x 10¹¹
Load Allocation	3.36 x 10¹²	8.41 x 10¹¹	5.66 x 10¹¹	2.09 x 10¹¹	4.86 x 10¹⁰
Margin of Safety	1.40 x 10¹²	5.77 x 10¹¹	1.38 x 10¹¹	2.10 x 10¹¹	1.89 x 10⁹

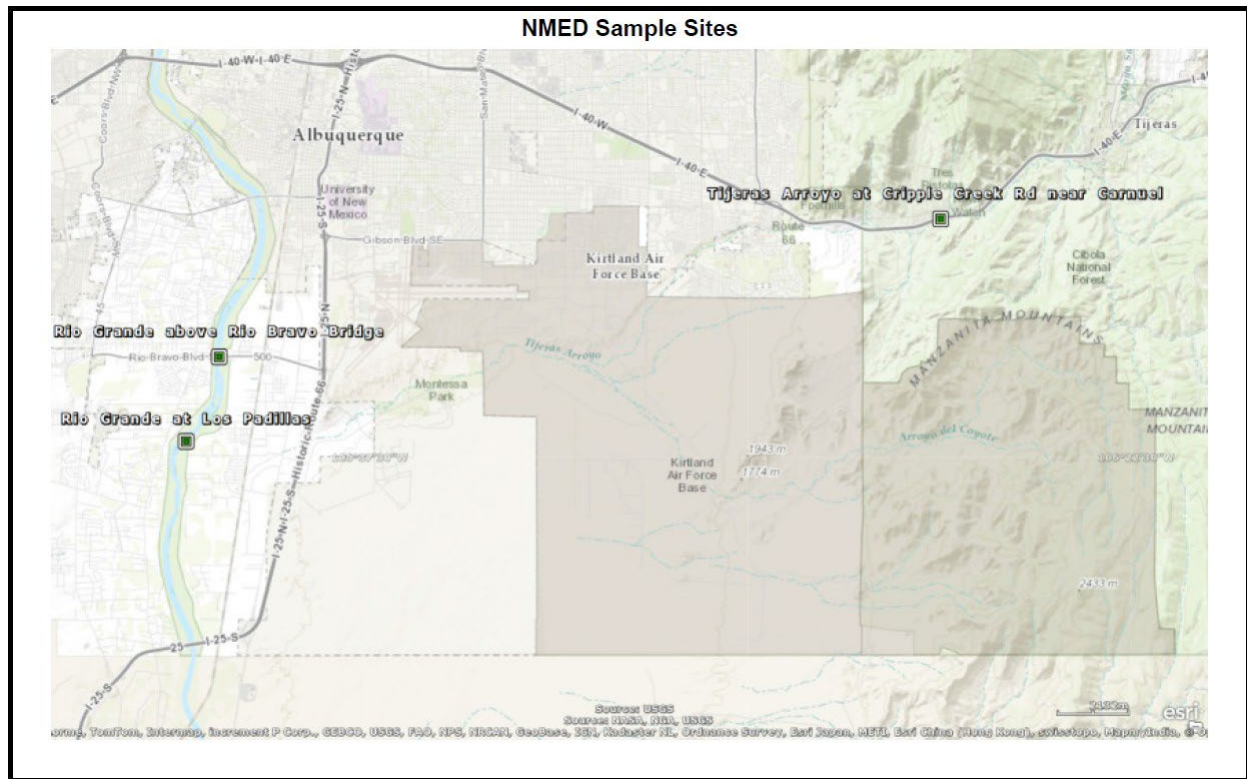
Controls required by the TMDL include the development of a bacteria reduction plan, the development of, or participation in, a bacteria monitoring program, and annual reporting requirements. Specific requirements of the bacteria reduction plan are included in the Water Quality Control Commission approved TMDL (WQCC 2010) for the MRG Watershed (https://www.epa.gov/sites/default/files/2015-10/documents/middle_rio_grande_nm.pdf).

1.2 BACKGROUND

Between March and October of 2014, NMED conducted a surface water quality census within the Middle Rio Grande Watershed as part of a rotational census of the state's surface water quality (personal communication with NMED Monitoring Team Supervisor, Scott Murray, 2014). A large analyte suite was analyzed, which included various chemical, bacterial, including *E. coli*, and physical parameters. Of the multiple locations included in this census, three were particularly applicable to KAFB, including a point on the Tijeras Arroyo, approximately 6 miles upstream of KAFB (Tijeras Arroyo at Cripple Creek Road near the town of Carnuel), on the Rio Grande above

the Tijeras Arroyo (Rio Grande at Rio Bravo Bridge), and on the Rio Grande below the Tijeras Arroyo (Rio Grande at Los Padillas) (refer to Figure 1). Land uses between the northeast sample point in the Tijeras Arroyo and the installation boundary include an interstate highway, housing developments, industrial areas, and open land of natural conditions. These land uses are representative of the installation land uses for bacterial contribution.

Figure 1: NMED Sample Sites (sampling results displayed in Tables 2-4)



The Surface Water Census Report is/is not complete at the time of this report and did not include flow data. The laboratory analysis results for *E. coli*, represented in colony forming units per 100 milliliters (cfu/100mL), are summarized in Tables 2-4.

Table 2: Tijeras Arroyo - *E. coli* at Cripple Creek Rd.

Date	<i>E. coli</i> (cfu/100mL)
3/27/14	3.1
4/23/14	2.0
5/29/14	4.1
6/26/14	13.2
7/24/14	29.5
8/21/14	83.9
9/26/14	98.4

Table 3: Rio Grande - E. coli above Tijeras Arroyo

Date	E. coli (cfu/100mL)
3/19/14	14.5
4/29/14	33.6
5/12/14	68.4
6/11/14	54.6
7/14/14	686.7
8/12/14	148.3
9/2/14	154.1
10/7/14	110.6

Table 4: Rio Grande - E. coli below Tijeras Arroyo

Date	E. coli (cfu/100mL)
3/19/14	29.2
4/29/14	38.4
5/12/14	48.7
6/11/14	93.3
7/14/14	285.1
8/12/14	180.7
9/2/14	298.7
10/7/14	198.9
10/20/14	488.4

Concentrations of E. coli from the Tijeras sampling point, upstream of KAFB, were fairly low throughout the sampling period. The E. coli levels in the two Rio Grande sites were much higher, as was to be expected, trending higher in the late summer months. This trend may indicate an increase in wildlife and outdoor human activities as the weather warmed up. Examining the difference between samples collected at points above and below the Tijeras Arroyo along the Rio Grande River may provide an indication of its influence on the Rio Grande River's water quality, as the Tijeras Arroyo is the only major tributary to enter the Rio Grande between those two points.

The difference in the measured results shows an increase in E. coli for most months, however, no discernible pattern or correlation in the data exists (refer to Table 5). Additional data on the flow volume and flow regime associated with the sample is needed to develop further conclusions and will be addressed after the discussion of the data collected at KAFB.

**Table 5: Difference Above and Below Tijeras Arroyo
(positive being greater concentrations downstream than upstream)**

Date	E. coli (cfu/100mL)
3/19/14	14.7
4/29/14	4.8
5/12/14	-19.7
6/11/14	38.7
7/14/14	-401.6
8/12/14	32.4
9/2/14	144.6
10/7/14	88.3

The data from Table 5 was used to calculate the waste load and was then compared to the WLA for the low flow regime. The waste load was calculated by multiplying the sample result, a constant conversion factor, and the discharge volume for the sampling event. The calculated Waste Load Equation is:

$$\begin{aligned} &\text{sample results (cfu/ml)} \times \text{conversion factor (ml/gal)} \times \text{discharge volume (gal)} = \\ &\text{Waste Load (cfu)} \quad 2419.6 \text{ (cfu/ml)} \times 3785.9 \text{ (ml/gal)} \times 506 \text{ (gal)} = 4.63\text{E}+09 \text{ cfu} \end{aligned}$$

The waste load calculations listed in Table 6 indicate that at the time the samples were collected, KAFB would exceed the WLA. However, other factors should be considered before concluding the WLA may be exceeded. Primarily, operations have changed by implementing BMPs and the method, rates, and qualifying storm events used for calculations in the 2010 data may vary from the current methodology. The results of the first sampling event will be compared to the WLA and any exceedance detected will trigger implementation of corrective actions.

Table 6: 2010 KAFB E. coli Waste Load

Outfall Location	Date	Calculated Waste Load (cfu)	WLA (Low Flow Regime)
Outfall F	7/26/2010	4.63E+09	1.74E+09
Outfall F	8/16/2010	1.82E+10	1.74E+09

More recent E. coli sampling results have been collected by the City of Albuquerque and Sandia National Laboratories (SNL) from 2018 and 2019. The data is useful for comparison to the results collected at Outfalls F-J. Tables 7-10 present the data collected by the City of Albuquerque from their Attachment 1 Completion Report for the Microbial Source Tracking Study performed by Daniel B. Stephens & Associates, Inc. included in the City of Albuquerque's MS4 Annual Report for 2020. The locations of these sampling points are shown in Figures 2 and 3. Figure 2 shows the City of Albuquerque's sample points, and Figure 3 shows a close-up of the sample points related to KAFB, which are circled in red. The data collected by SNL was presented in the Annual Site Environmental Report for New Mexico 2019. Table 11 shows the sampling results collected by SNL and the locations of these sample points are shown in Figure 4.

Table 7: Tijeras Arroyo near confluence with South Diversion Channel (SDC)

Date	E. coli (copies/100mL)
7/27/2018	2,465
3/12/2019	2,057
10/4/2019	10,202

Table 8: SDC outflow at Tijeras Arroyo

Date	E. coli (copies/100mL)
7/27/2018	117,621
8/23/2018	246,359
3/12/2019	339,723
10/4/2019	205,143

Table 9: Tijeras Arroyo at Four Hills

Date	E. coli (copies/100mL)
10/23/2018	57,941

Table 10: Rio Grande downstream Tijeras/Albuquerque SWRP

Date	E. coli (copies/100mL)
3/12/2019	224,415
5/10/2019	1,830
10/4/2019	43,545

Figure 2: All City of Albuquerque Sample Sites for the Microbial Source Tracking Study

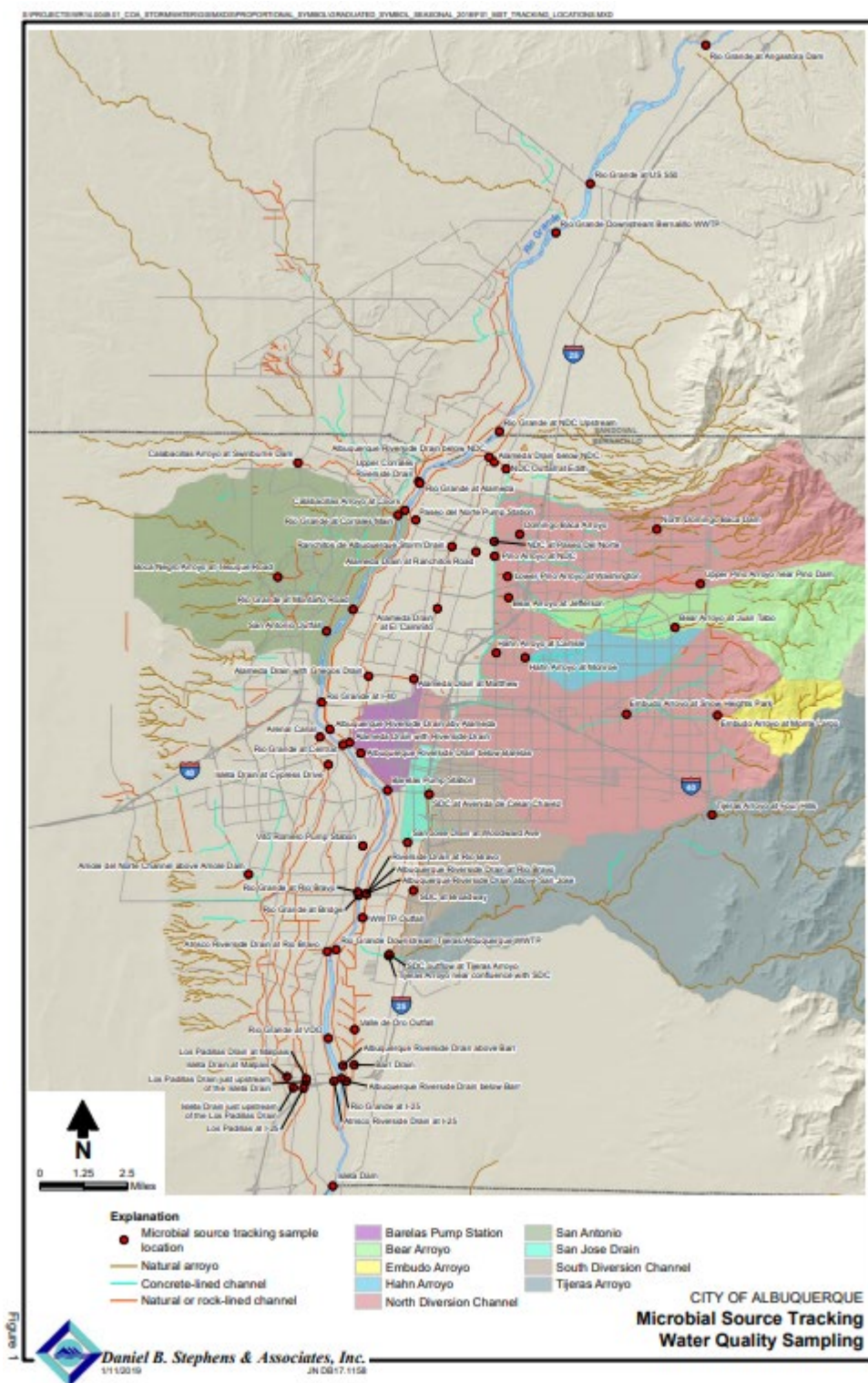


Figure 3: City of Albuquerque Sample Locations (Tables 7-10 circled in red)

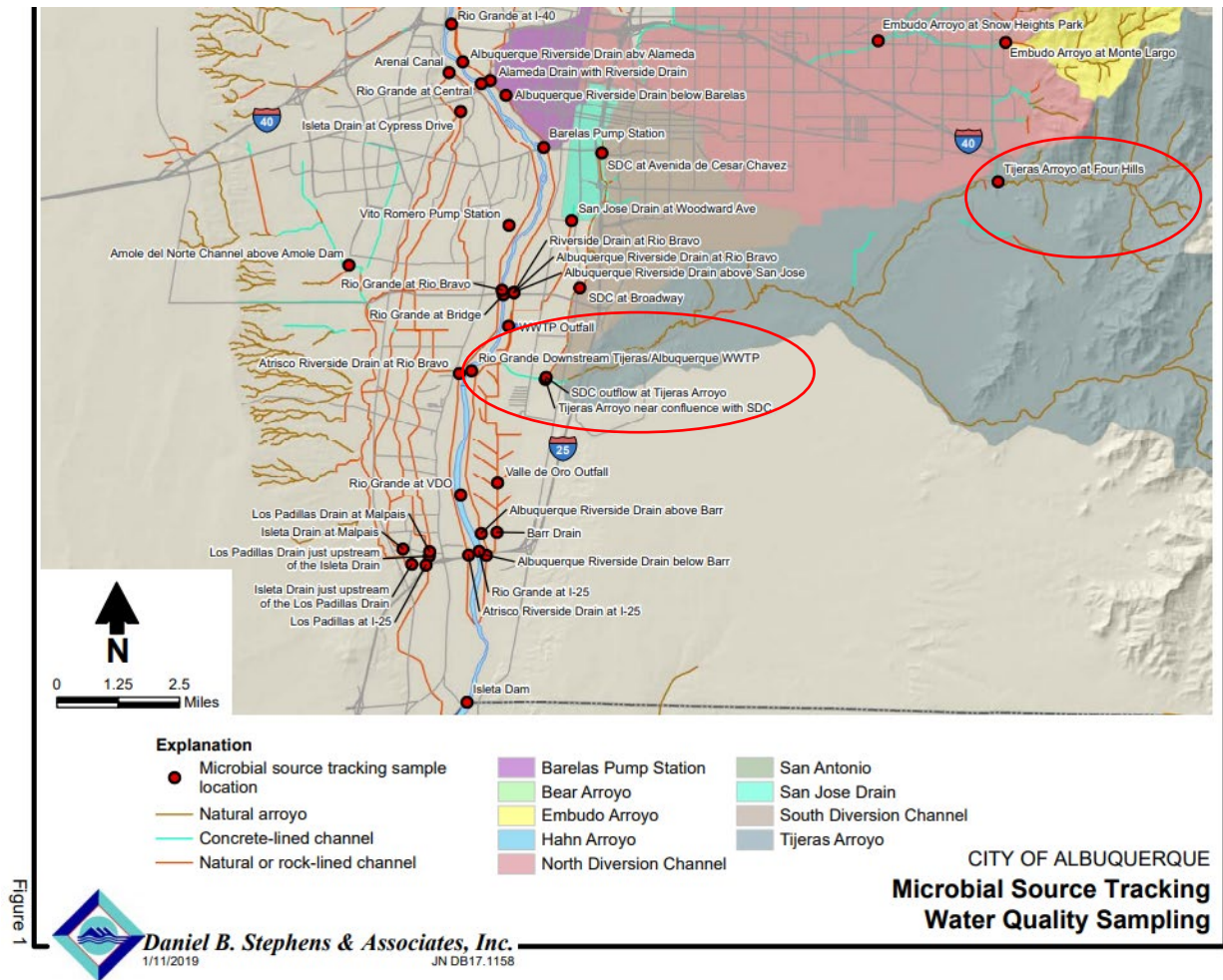
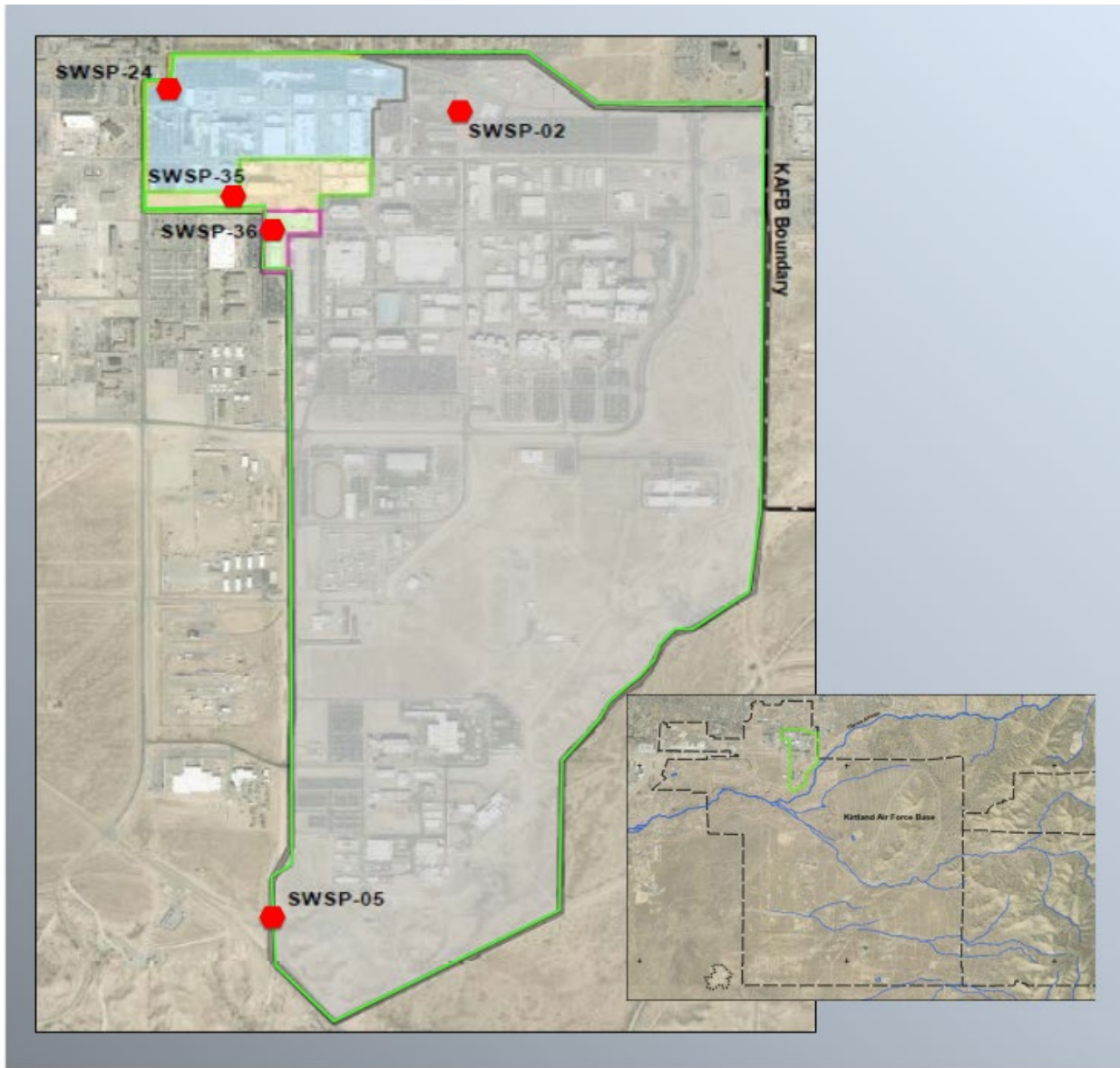


Table 11: Stormwater Sampling Results in 2018 and 2019 for E. coli (Sandia, 2019)

Sampling Point	Date	E. coli (cfu/100mL)
SWSP-02	7/31/2018	1,607
	9/20/2018	12,033
	10/24/2018	1,046.2
SWSP-05	7/31/2018	813
	9/20/2018	110
	10/24/2018	2,419.6
SWSP-24	9/20/2018	>24,196
SWSP-35	9/20/2018	110
	10/24/2018	4.1
	10/31/2018	4
	4/18/2019	20
	4/23/2019	816.4
SWSP-36	7/31/2018	11

Figure 4: Sandia National Labs Sample Locations (Table 11)



Additionally, KAFB also reviewed historical sampling results taken from MS4 outfalls on KAFB (refer to Figure 5 for all MS4 outfall locations). Table 12 includes sampling data obtained in 2010 from Outfall F. Table 13 also presents data collected from 2016-2021 at Outfalls F-J with geometric averages calculated for each year.

Table 12: 2010 KAFB E. coli Sampling Data

Outfall Location	Date	Analysis Type	Sample Results (cfu/100ml)	Discharge Volume (gal)	Average Flow Rate (cfs)
Outfall F	7/26/2010	E. coli	>2,419.6	506	0.001
Outfall F	8/16/2010	E. coli	>2,419.6	1,987	0.01

Existing Sampling Data

Table 13: 2016-2023 KAFB Sampling Data for E. coli

Outfall Location	Date	Sample Results (cfu/100mL, unless otherwise noted)
Outfall F	8/3/16	>24,196
	10/10/16	6,867
	2016 Average¹	12,890
	8/1/17	>24,196
	8/30/17	P
	9/18/17	>24,196
	9/28/17	24,196
	2017 Average¹	24,196
	7/15/21	>24,196 (MPN/100mL)
	9/2/21	>24,196 (MPN/100mL)
	2021 Average¹	2021 Average¹
	3/22/22	M
	8/1/22	M
	8/10/22	NA
	10/4/22	M
	10/17/22	>24,196
	12/3/22	4,106
	2022 Average¹	14,151
	5/15/23	<1
	2023 Average¹	<1
Outfall G	8/5/16	>24,196
	8/22/16	8,164
	9/12/16	1,012
	2016 Average¹	5,847
	8/1/17	>24,196
	8/30/17	P
	9/28/17	>24,196
	2017 Average¹	24,196
	7/25/18	>24,196
	7/31/18	813
	9/26/18	M
	2018 Average¹	14,025.5
	4/14/20 ²	<10
	6/2/20 ²	>24,196
	8/1/20	M
	2020 Average	12,103
	6/1/21	<1 (MPN/100mL)
	9/2/21	>24,196 (MPN/100mL)
	2021 Average¹	12,098
	8/1/22	M
	8/10/22	NA
	10/4/22	M
	10/17/22	2,419.60
	12/3/22	990
	2022 Average¹	1704.80
Outfall H	10/10/16	NA
	1/17/17	73

Outfall Location	Date	Sample Results (cfu/100mL, unless otherwise noted)
	8/30/17	1,989
	2017 Average¹	381.0
	8/18/18 ²	M
	9/4/18 ²	M
	9/20/18 ²	>24,196
	9/26/18 ²	1,112
	2018 Average¹	5,187.1
	7/26/19 ³	98
	9/2/21	>2,419.6 (MPN/100mL)
Outfall I	8/3/16	86.0
	9/12/16	>2,419.6
	2016 Average¹	456
	7/28/17	2,909
	8/1/17	866.4
	8/23/17	1,299.7
	9/18/17	199
	9/28/17	1,553.1
	2017 Average¹	1,002
Outfall J	10/10/16	1,119
	8/1/17 ⁴	24,196
	9/18/17	<10
	9/28/17	NA
	2017 Average	491.9
	8/4/18 ²	M
	9/6/18 ²	1,259
	9/20/18 ²	288
	9/26/18 ²	187
	10/24/18 ²	708
	2018 Average¹	610.5
	5/5/19 ³	1,860
	6/2/20	M
	5/29/21	52 (MPN/100mL)
	7/15/21	1924 (MPN/100mL)
	8/30/21	11,199 (MPN/100mL)
	2021 Average¹	4,392
	3/22/22	112.6
	8/1/22	M
	8/10/22	NA
	8/22/22	M
	10/17/22	M
	2021 Average¹	112.6

¹ Geometric Mean

² Result is less than the reporting limit, but greater than or equal to the method of detection limit and the concentration is an approximate value AND compound was found in the blank and the sample

³ Result is less than the reporting limit, but greater than or equal to the method detection limit and the concentration is approximate.

⁴ Holding times for preparation or analysis exceeded.

cfu = colony forming unit

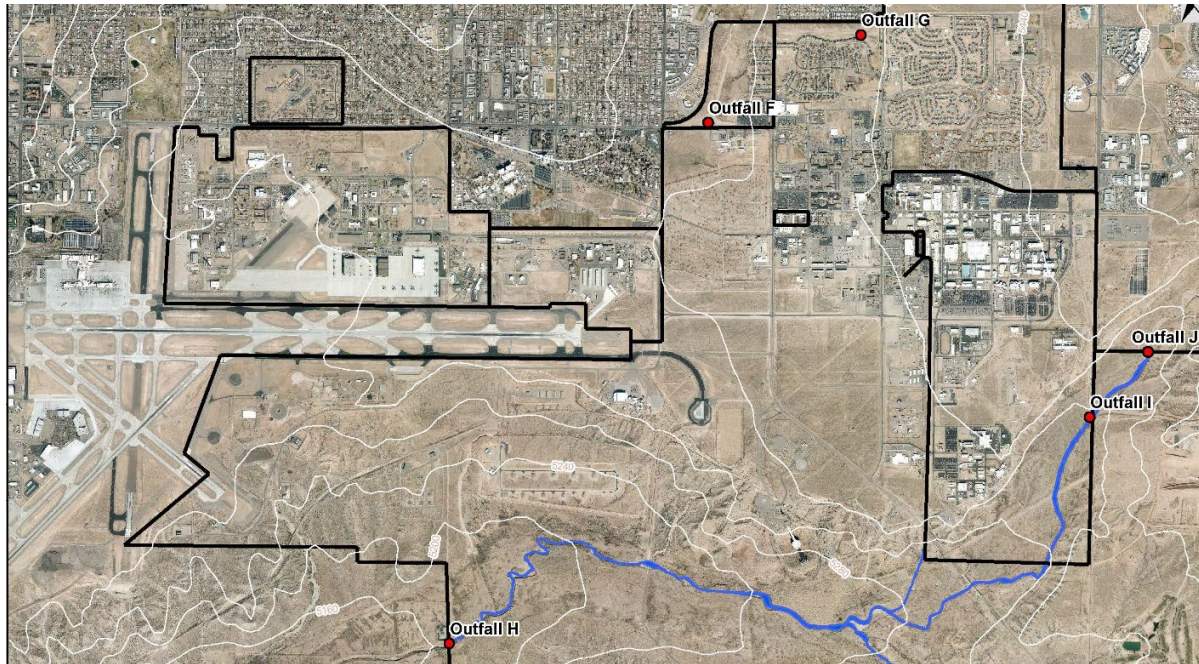
M = Minimal Volume Collected

MPN = Most Probable Number

NA = Not Analyzed

P = Present, Present/Absent test performed (no quantitative data)

Figure 5: KAFB MS4 Outfall Locations



1.3 IMPLEMENTATION

The KAFB Water Quality Program Manager will:

- Identify and investigate point sources and potential sources to determine bacterial loads;
- Oversee current programs and staffing in place to monitor current conditions and identify any potential new conditions that may occur;
- Plan and conduct sampling;
- Prepare and submit reports; and
- Conduct evaluation and modification of the strategy.

1.4 IDENTIFY POTENTIAL SOURCES OF BACTERIA

The KAFB Water Quality Program Manager will monitor activities that potentially contribute fecal coliform to storm water including domestic animals, operation of septic tanks, sanitary sewer system breaks and impervious areas. Section 5.3 and 5.4 of the SWMP identify programs in place that will be used to monitor and identify any new sources or evidence of fecal coliform.

Table 14: Septic Tank Locations and Size (gal)

Septic Tanks	
Facility Number	Tank Size (gal)
638	2250
702	1200
750	10000
20599	500
20613	1000
20706	1000
20725	1000
20749	2000
27500	1000
2851	1500
28054	3000
28061	1000
29040	1000
29051	1000
29054	1000
29099	1000
48062	2000
57011	1750
66029	1200
66041	10000
66042	1000
66071	8000
90002	1000
37100C	Unknown
645	Unknown

Kirtland Family Housing (KFH) and the Base Maintenance Contractor (BMC) maintain dog feces collection stations that are situated throughout the public areas and parks. These stations are checked daily, emptied, and new bags added. KFH maintenance personnel also periodically perform clean-up activities for tenants that do not clean up their own pet waste. Additionally maintenance personnel are tasked with sweeping the installation streets and driveway aprons. This maintenance occurs as often as necessary to remove any hazards.

Reduce suspended solids in stormwater, prevent drainage problems, and maintain the installations appearance.

KAFB maintains BMPs to minimize fecal coliform in discharges; however, the majority of the installation consists of undeveloped land. KAFB has no mechanism to neither control nor manage background fecal coliform loads attributed to wildlife or natural background sources. Fecal coliform detections in storm water discharges are largely attributable to non-operational sources or wildlife.

Current MS4 operations and existing control measures mitigate E. coli within the acceptable limits as required by the Permit. Additionally, sampling for E. coli will be completed per the Permit. BMPs will be modified following the first annual report if exceedances are discovered.

1.5 MONITORING

Sampling for E. coli will be coordinated with other sampling events required by the Permit. Sampling criteria, constituents and requirements are explained in Section 6 of the SWMP. The results of each sampling event at each outfall location will be compared to the WLA in Table 1 as indicators for E. coli.

1.6 REPORTING

Annual reporting required by the Permit includes an analysis of BMP effectiveness addressing the TMDL and pollutant reductions (in graphic representation), documentation of the monitoring methods to evaluate the measurable goals, and any BMP alterations.

1.7 EVALUATION AND MODIFICATION

The annual reporting requirements include an analysis of the BMP effectiveness and evaluation of the Bacteria Reduction Plan. The following control measures along with sampling results will be evaluated to determine if modifications are required for E. coli reductions. BMPs for Impaired Waters are identified in Table 7-3 of the Annual MS4 Report.

Structural Control Measures

Structural control measures are generally considered physical devices or structures that modify water flows to provide some sort of water quality or quantity treatment. Measures discussed in this section are intended to prevent bacterial pollution to the receiving waters of KAFB. Structural controls such as bio-retention cells or rain gardens which are depressed areas of porous backfill under a native vegetated surface may be used to improve water quality.

Non-Structural Control Measures

Non-structural control measures are typically management practices or strategies that may improve water quality. They may involve physical actions or implementation of structural

devices. The implementation of these measures may result in reduced bacterial pollution to the receiving waters of KAFB. Non-structural control measures are described in Section 5. Specific non-structural control measures identified may include, increasing the number of pet waste stations, increasing compliance through additional public education, monitoring and fines for offenders.