CERTIFIED MAIL – RETURN RECEIPT REQUESTED

September 22, 2026

Federico Hernandez, Bureau Chief
New Mexico Firefighters Training Academy
600 Aspen Road
Socorro, New Mexico 87801

RE: Draft Discharge Permit Renewal, DP-510, New Mexico Firefighters Training Academy

Dear Federico Hernandez:

The New Mexico Environment Department (NMED) hereby provides notice to you of the proposed approval of Ground Water Discharge Permit Renewal, DP-510, (copy enclosed), pursuant to Subsection H of 20.6.2.3108 NMAC. NMED will publish notice of the availability of the draft Discharge Permit in the near future for public review and comment and will forward a copy of that notice to you.

Prior to making a final ruling on the proposed Discharge Permit, NMED will allow 30 days from the date the public notice is published in the newspaper for any interested party, including the Discharge Permit applicant, i.e., yourself, to submit written comments and/or a request a public hearing. A hearing request shall set forth the reasons why a hearing is requested. NMED will hold a hearing in response to a timely hearing request if the NMED Secretary determines there is substantial public interest in the proposed Discharge Permit.

Please review the enclosed draft Discharge Permit carefully. Please be aware that this Discharge Permit may contain conditions that require the permittee to implement operational, monitoring, or closure actions by a specified deadline.

Please submit written comments or a request for hearing to my attention at the address below, via email to samantha.peterson@env.nm.gov or to pps.general@env.nm.gov, or directly into the NMED Public Comment Portal at https://nmed.commentinput.com/comment/search. If NMED does not receive written comments or a request for hearing during the public comment period, the draft Discharge Permit will become final.

Thank you for your cooperation during the review process. Feel free to contact me with any questions at (505) 490-5282.

Sincerely,

Samantha Peterson

Digitally signed by Samantha Peterson
Date: 2026.09.22 09:39:44 -06'00'

Samantha Peterson, Water Resource Professional

Encl: Draft Discharge Permit Renewal, DP-510

cc: Jason Benavidez, Facilities Supervisor, Jason.benavidez@dhsem.nm.gov

NEW MEXICO
ENVIRONMENT DEPARTMENT
Ground Water Quality Bureau
1190 Saint Francis Drive / P.O. Box 5469
Santa Fe, NM 87502-5469
Phone (505) 827-2900 Fax (505) 827-2965
www.env.nm.gov

Draft*:* September 22, 2026
GROUND WATER QUALITY BUREAU
DISCHARGE PERMIT
Issued under 20.6.2 NMAC

Facility Name:	New Mexico Firefighters Training Academy
Discharge Permit Number:	DP-510
Facility Location:	600 Aspen Road Socorro, New Mexico
County:	Socorro
Permittee:	New Mexico Firefighters Training Academy Federico Hernandez, Bureau Chief
Mailing Address:	600 Aspen Road, Socorro, New Mexico 87801
Facility Contact: Telephone Number/Email:	Jason Benavidez, Facilities Supervisor (575) 518-8507 / Jason.benavidez@dhsem.nm.gov
Permitting Action:	Renewal
Permit Issuance Date: **Permit Expiration Date:**	[DATE] [DATE]
NMED Contact: Telephone Number/Email:	Samantha Peterson 505-490-5282 / samantha.peterson@env.nm.gov or 505-827-2900 / pps.general@env.nm.gov

Justin D. Ball
Chief, Ground Water Quality Bureau
New Mexico Environment Department

draft

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Discharge Permit Summary

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I. INTRODUCTION

The New Mexico Environment Department (NMED) issues this groundwater discharge permit renewal (Discharge Permit or DP-510) to the New Mexico Firefighters Training Academy (Permittee) pursuant to the New Mexico Water Quality Act (WQA), NMSA 1978 §§74-6-1 through 74-6-17, and the New Mexico Water Quality Control Commission (WQCC) Ground and Surface Water Protection Regulations, 20.6.2 NMAC.

NMED's purpose in issuing this Discharge Permit, and in imposing the requirements and conditions specified herein, is to control the discharge of water contaminants from the New Mexico Firefighters Training Academy (Facility) in order to protect groundwater and those segments of surface water gaining from groundwater inflow for present and potential future use as domestic and agricultural water supply and other uses, and to protect public health. It is NMED's determination in issuing this Discharge Permit that the Permittee has met the requirements of Subsection C of 20.6.2.3109 NMAC. The Permittee is responsible for complying with the terms and conditions of this Discharge Permit pursuant to Section 20.6.2.3104 NMAC; failure to do so may result in enforcement action by NMED (20.6.2.1220 NMAC).

Described below are the activities that produce the discharge, the location of the discharge, and the quantity, quality, and flow characteristics.

The Facility discharges up to 150,000 gallons per day (gpd) of industrial wastewater to two synthetically lined impoundments in series that recycle the wastewater through the Facility's closed loop fire hydrant system for live-burn training operations. Wastewater from the burn pads and training facilities gravity flows into an oil/water separator prior to entering the impoundments.

Discharge Permit Location Information:

Physical Address	600 Aspen Road
Nearest Town/City	Socorro
Section, Township, Range	Section(s) 11, Township 03 South, Range 01 West
County	Socorro
Depth to Groundwater	182 feet below ground surface
Pre-Discharge TDS	367 mg/L

Discharge Permit Issuance History:

Original Permit Issuance	October 23, 1987
Permit Renewal	April 12, 1993
Permit Renewal	August 5, 1998
Permit Renewal and Modification	May 12, 2004
Permit Renewal and Modification	January 25, 2016

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Permit Renewal	November 1, 2021

The application (i.e., discharge plan) associated with this Discharge Permit consists of the materials submitted by the Permittee dated March 30, 2026, and materials contained in the administrative record prior to issuance of this Discharge Permit.

The Permittee shall manage the discharge in accordance with all conditions and requirements of this Discharge Permit.

NMED reserves the right to require a Discharge Permit modification in the event NMED determines that the Permittee is or may be violating, or is likely to violate in the future, the requirements of 20.6.2 NMAC or the standards of Section 20.6.2.3103 NMAC. NMED reserves this right pursuant to Section 20.6.2.3109 NMAC. An NMED requirement to modify the Discharge Permit may result from a determination by the department that structural controls and/or management practices approved under this Discharge Permit are insufficiently protective of groundwater quality and human health. NMED reserves the right to require the Permittee to implement abatement of water pollution and remediate groundwater quality.

NMED issuance of this Discharge Permit does not relieve the Permittee of the responsibility to comply with the WQA, WQCC Regulations, and any other applicable federal, state and/or local laws and regulations, such as zoning requirements and nuisance ordinances.

This Discharge Permit may use the following acronyms and abbreviations.

Abbreviation	Explanation		Abbreviation	Explanation
BOD_5	biochemical oxygen demand (5-day)		NMED	New Mexico Environment Department
CAP	Corrective Action Plan		NMSA	New Mexico Statutes Annotated
CFR	Code of Federal Regulations		NO_3-N	nitrate-nitrogen
CFU	colony forming unit		NTU	nephelometric turbidity units
Cl	chloride		QA/QC	Quality Assurance/Quality Control
EPA	United States Environmental Protection Agency		TDS	total dissolved solids
Gpd	gallons per day		TKN	total Kjeldahl nitrogen
LAA	land application area		total nitrogen	= TKN + NO_3-N
LADS	Land Application Data Sheet(s)		TRC	total residual chlorine
mg/L	milligrams per liter		TSS	total suspended solids
mL	milliliters		WQA	New Mexico Water Quality Act
MPN	most probable number		WQCC	Water Quality Control Commission

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Abbreviation	Explanation		Abbreviation	Explanation
NMAC	New Mexico Administrative Code		WWTF	Wastewater Treatment Facility

II. FINDINGS

In issuing this Discharge Permit, NMED finds the following.

1. The Permittee is discharging effluent or leachate from the Facility so that such effluent or leachate may move into groundwater of the State of New Mexico that has an existing concentration of 10,000 mg/L or less of TDS, within the meaning of Subsection A of 20.6.2.3101 NMAC, without exceeding standards of 20.6.2.3103 NMAC for any water contaminant.

2. The Permittee is discharging effluent or leachate from the Facility directly or indirectly into groundwater pursuant to this Discharge Permit and Sections 20.6.2.3000 through 20.6.2.3114 NMAC.

3. The discharge from this Facility has the potential to contain water contaminants or toxic pollutants elevated above the standards of Section 20.6.2.3103 NMAC and is not subject to the exemption at Subsection 20.6.2.3105 NMAC.

III. AUTHORIZATION TO DISCHARGE

The Permittee is responsible for ensuring that discharges authorized by this Discharge Permit are consistent with the terms and conditions herein pursuant to 20.6.2.3104 NMAC.

This Discharge Permit authorizes the Permittee to discharge up to 150,000 gallons per day (gpd) of industrial wastewater to a closed-loop synthetically lined impoundment system for storage.

[20.6.2.3104 NMAC, Subsection C of 20.6.2.3106 NMAC, Subsection D of 20.6.2.3109 NMAC]

IV. CONDITIONS

NMED issues this Discharge Permit for the discharge of water contaminants subject to the following conditions.

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A. OPERATIONAL PLAN

#	Terms and Conditions
1.	The Permittee shall implement the following operational plan to ensure compliance with Title 20, Chapter 6, Parts 2 and 4 NMAC. [Subsection C of 20.6.2.3109 NMAC]
2.	The Permittee shall operate in a manner that does not violate standards and requirements of Sections 20.6.2.3101 and 20.6.2.3103 NMAC. [20.6.2.3101 NMAC, 20.6.2.3103 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operational Actions with Implementation Deadlines

3.	Within 180 days following the issuance date of this Discharge Permit (**by DATE**), the Permittee shall measure the thickness of the settled solids in the primary and secondary impoundments. The Permittee shall report the results of the solids thickness measurements to NMED in the next required periodic monitoring report. The Permittee shall measure the thickness of settled solids in accordance with the following procedure. a) Divide the total surface area of the treatment impoundment into nine equal sub-areas. b) Obtain one measurement (to the nearest half foot) using a settled solids measurement device (e.g., core sampler) per sub-area. c) Calculate the average of the nine measurements. In the event that the measured settled solids exceed one-third of the maximum liquid depth in the impoundment, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

Operating Conditions

#	Terms and Conditions
4.	The Permittee shall institute a backflow prevention method to protect wells and public water supply systems from contamination by industrial wastewater. Backflow prevention shall be achieved by a total disconnect (physical air gap separation between

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#	Terms and Conditions
	the discharge pipe and the liquid surface at least twice the diameter of the discharge pipe), or by a reduced pressure principal backflow prevention assembly (RP) installed on the line between the fresh water supply wells or public water supply and the wastewater recycling system. The Permittee shall maintain backflow prevention at all times. The Permittee shall have RP devices inspected and tested by a certified backflow prevention assembly tester at the time of installation, repair or relocation and at least on an annual basis thereafter. The backflow prevention assembly tester shall have successfully completed a 40-hour backflow prevention course based on the University of Southern California's Backflow Prevention Standards and Test Procedures and obtained certification demonstrating completion. The Permittee shall have all malfunctioning RP devices repaired or replaced within 30 days of discovery. The Permittee shall cease using supply lines associated with the RP device until repair or replacement is complete. The Permittee shall maintain copies of the inspection and maintenance records and test results for each RP device associated with the backflow prevention program at a location available for inspection by NMED. [Subsection C of 20.6.2.3109 NMAC]
5.	The Permittee shall maintain fences around the Facility to restrict unauthorized access by the general public and animals. The fences shall consist of a minimum of six-foot chain link or field fencing and locking gates. The Permittee shall maintain the fences to serve the stated purpose throughout the term of this Discharge Permit. [Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]
6.	The Permittee shall maintain signs indicating that the wastewater at the Facility is not potable. The Permittee shall post signs at the Facility entrance and other areas where there is potential for public contact with wastewater. The Permittee shall print signs in English and Spanish and shall ensure the signs remain visible and legible for the term of this Discharge Permit. [Subsections B and C of 20.6.2.3109 NMAC, NMSA 1978, § 74-6-5.D]
7.	The Permittee shall maintain the impoundment liners to avoid conditions that could affect the liner or the structural integrity of the impoundments. Characterization of such conditions may include the following: • erosion damage; • animal burrows or other damage; • the presence of vegetation including aquatic plants, weeds, woody shrubs or trees growing within five feet of the top inside edge of a sub-grade impoundment, within

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#	Terms and Conditions
	five feet of the toe of the outside berm of an above-grade impoundment, or within the impoundment itself; • the presence of large debris or large quantities of debris in the impoundment; • evidence of seepage; or • evidence of berm subsidence. The Permittee shall routinely control vegetation growing around the impoundments by mechanical removal that is protective of the impoundment liner. The Permittee shall visually inspect the impoundments and surrounding berms on a monthly basis to ensure proper maintenance. In the event that an inspection reveals any evidence of damage that threatens the structural integrity of an impoundment berm or liner, or that may result in an unauthorized discharge, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit. The Permittee shall create and maintain a log of all impoundment inspections which describes the date of the inspection, any findings and repairs and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
8.	The Permittee shall maintain the burn pad and all other concrete pads surrounding the training areas to avoid conditions that could affect the structural integrity of the pads. The Permittee shall, on a monthly basis, visually inspect the burn pad and all other concrete pads for cracking and faults and repair any damage as needed. The Permittee shall create and maintain a log of all burn pad inspections which describes the date of the inspection, any findings and repairs and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
9.	The Permittee shall preserve a minimum of two feet of freeboard, i.e., the distance between the highest calculated liquid level in the impoundments and the liquid level which would result in the release of stored liquid from the impoundments. In the event that the Permittee determines that two feet of freeboard cannot be preserved in one or both impoundments, the Permittee shall implement the Contingency Plan set forth in this Discharge Permit.

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#	Terms and Conditions
	[Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
10.	The Permittee shall inspect the oil/water separator on a monthly basis and remove accumulated oil and settled solids as needed to prevent them from exiting the unit. The Permittee shall create and maintain a log of all oil/water separator inspections which describes all findings, repairs, removals, the date of the inspection, and the name of the person responsible for the inspection. The Permittee shall make the log available to NMED upon request. The Permittee shall maintain a record of oil/solids removal and disposal, including date, volume of oil/solids removed, disposal method and disposal location. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]

B. MONITORING AND REPORTING

#	Terms and Conditions
11.	The Permittee shall conduct the monitoring, reporting, and other requirements listed below in accordance with the monitoring requirements of this Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
12.	METHODOLOGY – Unless otherwise specified by this Discharge Permit, or approved in writing by NMED, the Permittee shall use sampling and analytical techniques that conform with the references listed in Subsection B of 20.6.2.3107 NMAC. [Subsection B of 20.6.2.3107 NMAC]

Due Dates for Monitoring Reports

#	Terms and Conditions
13.	Semi-annual monitoring - The Permittee shall perform monitoring and other Permit required actions during the following periods and shall submit semi-annual reports to NMED by the following due dates: • January 1st through June 30th – **due by August 1st; and** • July 1st through December 31st – **due by February 1st.** [Subsection A of 20.6.2.3107 NMAC]

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Monitoring Actions with Implementation Deadlines

#	Terms and Conditions
14.	The Permittee shall sample Facility wastewater for the presence of perfluorinated chemicals (PFCs). The Permittee shall collect a single grab sample from a representative location within each synthetically lined impoundment once within the years 2027 and 2029. The Permittee shall analyze the sample for the following PFCs: • perfluorohexane sulfonic acid (PFHxS) (CAS 355-46-4) • perfluorooctane sulfonate (PFOS) (CAS 1763-23-1) • perfluorooctanoic acid (PFOA) (CAS 335-67-1) The Permittee shall properly collect, prepare, preserve, transport, and analyze the sample in accordance with EPA Method 1633, or an equivalent method that uses liquid chromatography and tandem mass spectrometry (LC/MS/MS). The reporting limit shall be low enough to identify whether the combined concentration of the perfluorinated chemicals is less than the Tap Water Screening Level identified in the *NMED Risk Assessment Guidance for Site Assessments and Investigations*, Table A-1 available on the NMED Hazardous Waste Bureau's website under Guidance Documents. The Permittee shall take appropriate measures to avoid cross-contamination while collecting and transporting the sample. The selected laboratory should be able to provide guidance that ensures sample integrity. The Permittee shall submit a copy of the laboratory report, including analytical results, the QA/QC summary, and the Chain of Custody to NMED within 30 days of laboratory report receipt. [Subsection H of 20.6.2.3109 NMAC, Subsection A of 20.6.2.3107 NMAC]

Facility Monitoring Conditions

#	Terms and Conditions
15.	The Permittee shall, on a monthly basis estimate the volume of City of Socorro and/or supply well water added to the closed loop hydrant system. To determine the approximate monthly volume added to the closed loop hydrant system, the Permittee shall: 1) Estimate the average daily volume of potable water added to the Facility's closed loop hydrant system from the City of Socorro by recording the City's meter readings from the monthly water bill and/or calculations for the hydrant flow rates when water is being supplied by the City of Socorro.

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#	Terms and Conditions
	2) Estimate the average daily volume of water added to the closed loop hydrant system from the Facility's supply well by recording meter readings for the water supply well on a monthly basis, subtracting the current reading from the previous months reading and dividing the total by the number of days between each meter reading. 3) Add the volumes from steps 1 and 2 together. The Permittee shall submit the average daily volumes with supporting documentation including the monthly water bills from the City of Socorro, hydrant flow rate calculations, and supply well meter readings to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
16.	The Permittee shall collect a composite wastewater sample on a semi-annual basis (once every six months) from each of the two synthetically lined impoundments. The composite sample shall consist of a minimum of six equal aliquots collected equidistantly around the entire perimeter of the evaporative impoundment and thoroughly mixed. The Permittee shall analyze the composite sample for: • pH • TKN • NO3-N • TDS • Cl • benzene (CAS 71-43-2) • toluene (CAS 108-88-3) • ethylbenzene (CAS 100-41-4) • total xylenes (CAS 1330-20-7) • PAHs: total naphthalene (CAS 91-20-3) plus monomethylnaphthalenes • Total Petroleum Hydrocarbons (TPH), Method 8015 modified diesel range organics (DRO) or equivalent The Permittee shall ensure the sample is properly prepared, preserved, transported, and analyzed in accordance with the methods authorized in this Discharge Permit. The Permittee shall submit the laboratory analytical data results, including the QA/QC summary and Chain of Custody, to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC, Subsections C and H of 20.6.2.3109 NMAC]
17.	The Permittee shall submit all records of oils/solids removal and disposal to NMED in the semi-annual monitoring reports. [Subsection A of 20.6.2.3107 NMAC]

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C. CONTINGENCY PLAN

#	Terms and Conditions
18.	In the event that groundwater exceeds a groundwater protection standard identified in Section 20.6.2.3103 NMAC as a result of this discharge, the Permittee shall submit to NMED a Corrective Action Plan (CAP) that proposes, at a minimum, contaminant source control measures and an implementation schedule. The Permittee shall implement the CAP following approval by NMED. The NMED may require the Permittee to abate water pollution consistent with the requirements and provisions of Section 20.6.2.4101, Section 20.6.2.4103, Subsections C and E of 20.6.2.4106, Section 20.6.2.4107, Section 20.6.2.4108 and Section 20.6.2.4112 NMAC. [20.6.2.3103 NMAC, Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]
19.	In the event that an inspection reveals significant damage has occurred or is likely to affect the structural integrity of an impoundment or liner or their ability to contain contaminants, the Permittee shall propose the repair or replacement by submitting a CAP to NMED for approval. The Permittee shall submit the CAP to NMED within 30 days after discovery of the damage or following notification from NMED that significant damage is evident. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall initiate implementation of the CAP following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
20.	In the event that an impoundment cannot preserve a minimum of two feet of freeboard, the Permittee shall take actions to restore the required freeboard as authorized by this Discharge Permit and all applicable local, state, and federal regulations. In the event that two feet of freeboard cannot be restored within a period of 72 hours following discovery, the Permittee shall propose actions to restore two feet of freeboard by submitting a short-term CAP to NMED for approval. Examples of short-term corrective actions include the pumping and hauling of excess wastewater from the impoundment or reducing the volume of wastewater discharged to the impoundment. The Permittee shall ensure the CAP includes a schedule for completion of corrective actions. The Permittee shall submit the CAP within 15 days following the date the Permittee or the NMED discover the exceedance. The Permittee shall implement the CAP following NMED approval.

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#	Terms and Conditions
	In the event that the short-term corrective actions fail to restore two feet of freeboard, the Permittee shall submit to NMED a proposal for permanent corrective actions in a long-term CAP. The Permittee shall submit the long-term CAP within 90 days following failure of the short-term CAP. Examples of corrective actions include the installation of an additional storage impoundment or a significant and permanent reduction in the volume of wastewater discharged to the impoundment. The Permittee shall ensure the long-term CAP includes a schedule for completion of corrective actions. The Permittee shall implement the CAP following NMED approval. [Subsection A of 20.6.2.3107 NMAC]
21.	In the event the average solids accumulation exceeds one-third of the maximum liquid depth in the impoundments, the Permittee shall propose a plan for the removal and disposal of the solids. The Permittee shall submit the solids removal and disposal plan to NMED for approval within 120 days following discovery and include the following information. a) A method for removal of the solids to a depth of less than six inches throughout the treatment impoundment in a manner that is protective of the impoundment liner. b) A description of how the Permittee will contain, transport, and dispose of the solids in accordance with all local, state, and federal regulations, including 40 CFR Part 503. c) A schedule for completion of the solids removal and disposal project. The Permittee shall initiate implementation of the plan following approval by NMED. [Subsection A of 20.6.2.3107 NMAC, Subsection C of 20.6.2.3109 NMAC]
22.	In the event that a release occurs that is not authorized under this Discharge Permit (commonly known as a “spill”), the Permittee shall take measures to mitigate damage from the unauthorized discharge and initiate the notifications and corrective actions required in Section 20.6.2.1203 NMAC and summarized below. A release is defined as such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property. Within 24 hours following discovery of the unauthorized discharge, the Permittee shall verbally notify NMED and provide the following information. a) The name, address, and telephone number of the person or persons in charge of the Facility, as well as of the owner and/or operator of the Facility. b) The name and address of the Facility. c) The date, time, location, and duration of the unauthorized discharge. d) The source and cause of unauthorized discharge.

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#	Terms and Conditions
	e) A description of the unauthorized discharge, including its estimated chemical composition. f) The estimated volume of the unauthorized discharge. g) Any actions taken to mitigate immediate damage from the unauthorized discharge. Within one week following discovery of the unauthorized discharge, the Permittee shall submit written notification to NMED providing the information listed above and any pertinent updates. Within 15 days following discovery of the unauthorized discharge, the Permittee shall submit a CAP to NMED describing any corrective actions previously taken and corrective actions to be taken relative to the unauthorized discharge. The CAP shall include the following information. a) A description of proposed actions to mitigate damage from the unauthorized discharge. b) A description of proposed actions to prevent future unauthorized discharges of this nature. c) A schedule for completion of proposed actions. In the event that the unauthorized discharge causes or may with reasonable probability cause water pollution in excess of the standards and requirements of Section 20.6.2.4103 NMAC, and the water pollution will not be abated within 180 days after notice is required to be given pursuant to Paragraph (1) of Subsection A of 20.6.2.1203 NMAC, NMED may require the Permittee to abate water pollution pursuant to Sections 20.6.2.4000 through 20.6.2.4115 NMAC. The Permittee shall not construe anything in this condition as relieving them of the obligation to comply with all requirements of Section 20.6.2.1203 NMAC. [20.6.2.1203 NMAC]
23.	In the event that NMED or the Permittee identifies any failures of the discharge plan, i.e., the application, or this Discharge Permit not specifically noted herein, NMED may require the Permittee to submit a CAP and a schedule for completion of corrective actions to address the failure(s). Additionally, NMED may require a discharge permit modification to achieve compliance with 20.6.2 NMAC. [Subsection A of 20.6.2.3107 NMAC, Subsection E of 20.6.2.3109 NMAC]

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D. CLOSURE PLAN

Permanent Facility Closure Conditions

#	Terms and Conditions
24.	The Permittee shall perform the following closure measures in the event the Facility, or a component thereof, is proposed to be permanently closed. Within 60 days of ceasing to discharge to the impoundments, the Permittee shall plug the impoundment influent lines so that a discharge can no longer occur. Within 60 days of ceasing to discharge to the impoundments, the Permittee shall evaporate or drain all wastewater from the impoundment and any other wastewater system component and dispose of it in accordance with all local, state, and federal regulations. Within 90 days of ceasing to discharge to the impoundments, the Permittee shall submit a sludge removal and disposal plan, which includes soil sampling to characterize potential releases, to NMED for approval. The Permittee shall implement the plan within 30 days following approval by NMED. The sludge removal and disposal plan shall include the following information. a) The estimated volume and dry weight of sludge planned for removal and disposal, including measurements and calculations. b) Analytical results for samples of the sludge taken from the impoundment for TKN, NO_3-N, percent total solids, and any other parameters tested (reported in mg/kg, dry weight basis). c) The method of sludge *removal* from the impoundments. d) The method of *disposal* for all the sludge (and its contents) removed from the impoundment(s). The method shall comply with all local, state and federal regulations, including 40 CFR Part 503. *Note: A proposal that includes the surface disposal of sludge may be subject to Groundwater Discharge Permitting requirements pursuant to 20.6.2.3104 NMAC that are separate from the requirements of this Discharge Permit*. e) The methods and extent of soil sampling to assess any potential releases associated with the impoundment(s). f) A schedule for completion of sludge removal and disposal not to exceed two years from the date discharge to the impoundments ceased. Within one year following completion of the sludge removal and disposal, the Permittee shall complete the following closure measures. g) Remove all lines leading to and from the impoundments or permanently plug and

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#	Terms and Conditions
	abandon the lines in place. h) Remove or demolish any other wastewater system components and re-grade area with suitable fill to blend with surface topography, promote positive drainage and prevent ponding. i) Characterize, remove, and dispose of all solids from the impoundments in accordance with local, state, and federal regulations, and maintain a record of solids transported for off-site disposal, including the volume of solids transported and the disposal location. j) Remove and dispose of the impoundment liners at a solid waste facility. k) Sample soil below the liners, assess the impact, report that assessment to NMED, and mitigate the impacts following NMED approval. l) Fill the impoundment(s) with suitable fill. m) Re-grade the impoundment site and the locations of ancillary equipment, e.g., influent piping, to blend with surface topography, promote positive drainage and prevent ponding. When the Permittee has met all closure and post-closure requirements and verified appropriate actions with date stamped photographic evidence or an associated NMED inspection, the Permittee may submit to NMED a written request, including photographic evidence, for termination of the Discharge Permit. [Subsection A of 20.6.2.3107 NMAC, Subsection D of 20.6.2.4103 NMAC, 40 CFR Part 503]

E. GENERAL TERMS AND CONDITIONS

#	Terms and Conditions
25.	RECORD KEEPING - The Permittee shall maintain a written record of the following: • Information and data used to complete the application for this Discharge Permit; • Information, data, and documents demonstrating completion of closure activities; • Any releases (commonly known as “spills”) not authorized under this Discharge Permit and reports submitted pursuant to 20.6.2.1203 NMAC; • The operation, maintenance, and repair of all facilities/equipment used to treat, store or dispose of wastewater; • Facility record drawings (plans and specifications) showing the actual construction of the Facility and bear the seal and signature of a licensed New Mexico professional engineer;

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#	Terms and Conditions
	• Copies of logs, inspection reports, and monitoring reports completed and/or submitted to NMED pursuant to this Discharge Permit; • The volume of wastewater or other wastes discharged pursuant to this Discharge Permit; • Groundwater quality and wastewater quality data collected pursuant to this Discharge Permit; • Copies of construction records (well log) for all sampled groundwater monitoring wells pursuant to this Discharge Permit; • The maintenance, repair, replacement or calibration of any monitoring equipment or flow measurement devices required by this Discharge Permit; and • Data and information related to field measurements, sampling, and analysis conducted pursuant to this Discharge Permit, including: o the dates, location and times of sampling or field measurements; o the name and job title of the individuals who performed each sample collection or field measurement; o the sample analysis date of each sample; o the name and address of the laboratory, and the name of the signatory authority for the laboratory analysis; o the analytical technique or method used to analyze each sample or collect each field measurement; o the results of each analysis or field measurement, including raw data; o the results of any split, spiked, duplicate or repeat sample; and o a copy of the laboratory analysis chain-of-custody as well as a description of the quality assurance and quality control procedures used. The Permittee shall maintain the written record at a location accessible to NMED during a Facility inspection for a minimum of five years. The Permittee shall make the record available to NMED upon request. [Subsections A and D of 20.6.2.3107 NMAC]
26.	SUBMITTALS – The Permittee shall submit either a paper copy or an electronic copy of all notification and reporting documents required by this Discharge Permit, e.g., monitoring reports. The Permittee shall submit either paper or electronic documents to the NMED Permit Contact identified on the Permit cover page. [Subsection A of 20.6.2.3107 NMAC]
27.	INSPECTION and ENTRY – The Permittee shall allow NMED to inspect the Facility and its operations that are subject to this Discharge Permit and the WQCC regulations. NMED may upon presentation of proper credentials, enter at reasonable times upon or through

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#	Terms and Conditions
	any premises in which a water contaminant source is located or in which any maintained records required by this Discharge Permit, the regulations of the federal government, or the WQCC are located. The Permittee shall allow NMED to have access to and reproduce for their use any copy of the records, and to perform assessments, sampling or monitoring during an inspection for the purpose of evaluating compliance with this Discharge Permit and the WQCC regulations. No person shall construe anything in this Discharge Permit as limiting in any way the inspection and entry authority of NMED under the WQA, the WQCC Regulations, or any other local, state or federal regulations. [Subsection D of 20.6.2.3107 NMAC, NMSA 1978, §§ 74-6-9.B and 74-6-9.E]
28.	DUTY to PROVIDE INFORMATION - The Permittee shall, upon NMED's request, allow for NMED's inspection/duplication of records required by this Discharge Permit and/or furnish to NMED copies of such records. [Subsection D of 20.6.2.3107 NMAC]
29.	MODIFICATIONS and/or AMENDMENTS – In the event the Permittee proposes a change to the Facility or the Facility's discharge that would result in a change in the volume discharged; the location of the discharge; or in the amount or character of water contaminants received, treated or discharged by the Facility, the Permittee shall notify NMED prior to implementing such changes. The Permittee shall obtain NMED's approval (which may require modification of this Discharge Permit) prior to implementing such changes. [Subsection C of 20.6.2.3107 NMAC, Subsections E and G of 20.6.2.3109 NMAC]
30.	PLANS and SPECIFICATIONS – In the event the Permittee proposes to construct a wastewater system or change a process unit of an existing system such that the quantity or quality of the discharge will change substantially from that authorized by this Discharge Permit, the Permittee shall submit construction plans and specifications of the proposed system or process unit to NMED for approval prior to the commencement of construction. In the event the Permittee implements changes to the wastewater system authorized by this Discharge Permit that result in only a minor effect on the character of the discharge, the Permittee shall report such changes (including the submission of record drawings where applicable) to NMED prior to implementation.

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#	Terms and Conditions
	[Subsections A and C of 20.6.2.1202 NMAC, NMSA 1978, §§ 61-23-1 through 61-23-32]
31.	CIVIL PENALTIES - Any violation of the requirements and conditions of this Discharge Permit, including any failure to allow NMED staff to enter and inspect records or facilities, or any refusal or failure to provide NMED with records or information, may subject the Permittee to a civil enforcement action. Pursuant to WQA 74-6-10(A) and (B), such action may include a compliance order requiring compliance immediately or in a specified time, assessing a civil penalty, modifying or terminating the Discharge Permit, or any combination of the foregoing; or an action in district court seeking injunctive relief, civil penalties, or both. Pursuant to WQA 74-6-10(C) and 74-6-10.1, civil penalties of up to $15,000 per day of noncompliance may be assessed for each violation of the WQA 74-6-5, the WQCC Regulations, or this Discharge Permit, and civil penalties of up to $10,000 per day of noncompliance may be assessed for each violation of any other provision of the WQA, or any regulation, standard, or order adopted pursuant to such other provision. In any action to enforce this Discharge Permit, the Permittee waives any objection to the admissibility as evidence of any data generated pursuant to this Discharge Permit. [20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10 and 74-6-10.1]
32.	CRIMINAL PENALTIES – No person shall: • Make any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or maintained under the WQA; • Falsify, tamper with or render inaccurate any monitoring device, method or record maintained under the WQA; or • Fail to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. Any person who knowingly violates or knowingly causes or allows another person to violate the requirements of this condition is guilty of a fourth-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who is convicted of a second or subsequent violation of the requirements of this condition is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition or knowingly causes another person to violate the requirements of this condition and thereby causes a substantial adverse environmental impact is guilty of a third-degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15. Any person who knowingly violates the requirements of this condition and knows at the time of the violation that he is creating a substantial danger of death or serious bodily injury to any other person is guilty of a second degree felony and shall be sentenced in accordance with the provisions of NMSA 1978, § 31-18-15.

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#	Terms and Conditions
	[20.6.2.1220 NMAC, NMSA 1978, §§ 74-6-10.2.A through 74-6-10.2.F]
33.	COMPLIANCE with OTHER LAWS - Nothing in this Discharge Permit shall be construed in any way as relieving the Permittee of the obligation to comply with any other applicable federal, state, and/or local laws, regulations, zoning requirements, nuisance ordinances, permits or orders. [NMSA 1978, § 74-6-5.L]
34.	RIGHT to APPEAL - The Permittee may file a petition for review before the WQCC on this Discharge Permit. Such petition shall be in writing to the WQCC within thirty days of the receipt of postal notice of this Discharge Permit and shall include a statement of the issues raised and the relief sought. Unless the Permittee files a timely petition for review, the decision of NMED shall be final and not subject to judicial review. [20.6.2.3112 NMAC, NMSA 1978, § 74-6-5.O]
35.	TRANSFER of DISCHARGE PERMIT - Prior to the transfer of any ownership, control, or possession of this Facility or any portion thereof, the Permittee shall: • Notify the proposed transferee in writing of the existence of this Discharge Permit; • Include a copy of this Discharge Permit with the notice; and • Deliver or send by certified mail to NMED a copy of the notification and proof that the proposed transferee has received such notification. The Permittee shall continue to be responsible for any discharge from the Facility, until both ownership and possession of the Facility have been transferred to the transferee. [20.6.2.3111 NMAC]
36.	PERMIT FEES – The Permittee shall be aware that the payment of permit fees is due at the time of Discharge Permit approval. The Permittee may pay the permit fees in a single payment or they may pay the fee in equal installments on a yearly basis over the term of the Discharge Permit. The Permittee shall remit single payments to NMED no later than 30 days after the Discharge Permit issuance date. The Permittee shall remit initial installment payments to NMED no later than 30 days after the Discharge Permit issuance date; with subsequent installment payments remitted to NMED no later than the anniversary of the Discharge Permit issuance date. Permit fees are associated with <u>issuance</u> of this Discharge Permit. No person shall construe anything in this Discharge Permit as relieving the Permittee of the obligation to pay all permit fees assessed by NMED. A Permittee that ceases discharging or does not

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#	Terms and Conditions
	commence discharging from the Facility during the term of the Discharge Permit shall pay all permit fees assessed by NMED. NMED shall suspend or terminate an approved Discharge Permit if the Permittee fails to remit an installment payment by its due date. [Subsection F of 20.6.2.3114 NMAC, NMSA 1978, § 74-6-5.K]

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New Mexico Environment Department Ground Water Quality Bureau

Discharge Permit Summary

Facility Information

Facility Name New Mexico Firefighters Training Academy
Discharge Permit Number DP-510

Legally Responsible Party New Mexico Firefighters Training Academy
Federico Hernandez, Bureau Chief
600 Aspen Road
Socorro, New Mexico 87801
(575) 835-7500

Treatment, Disposal and Site Information

Primary Waste Type Industrial
Facility Type Firefighters Training Academy

Discharge Locations

Type	Designation	Description & Comments
Impoundment	Primary Impoundment	60-mil synthetically lined aerated impoundment with approximately 750,000-gallon capacity. First in series, receives wastewater from the burn pads and training facility drains. Wastewater from this impoundment gravity flows into the secondary impoundment.
Impoundment	Secondary Impoundment	60-mil synthetically lined aerated impoundment with approximately 1,000,000-gallon capacity. Wastewater is recycled back into the facility's closed loop fire hydrant system from this impoundment.

Depth-to-Ground Water 182 feet
Total Dissolved Solids (TDS) 367 mg/L

Permit Information

Original Permit Issued October 23, 1997
Permit Renewal April 12, 1993
Permit Renewal August 5, 1998
Permit Renewal and Modification May 12, 2004
Permit Renewal and Modification January 25, 2016
Permit Renewal November 1, 2021

Current Action **Renewal**
Application Received March 30, 2026
Public Notice Published [Notice not yet published]
Permit Issued (Issuance Date) [Issuance date]
Permitted Discharge Volume 150,000 gallons per day

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NMED Contact Information

Mailing Address	Ground Water Quality Bureau P.O. Box 5469 Santa Fe, New Mexico 87502-5469
GWQB Telephone Number	(505) 827-2900
NMED Lead Staff	Samantha Peterson
Lead Staff Telephone Number	(505) 490-5282
Lead Staff Email	samantha.peterson@env.nm.gov

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