



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

March 11, 2022

Mr. Kevin Doyle
Facility Contact
700 Range Road, Building 592
Eglin AFB, Florida 32542
kevin.doyle.17@us.af.mil

Re: **Final Issuance of Permit**
Eglin Air Force Base
EPA ID Number: FL8570024366
Operating / Corrective Action Permit: 006176-HO-12
Okaloosa, Walton and Santa Rosa Counties-Hazardous Waste

Dear Mr. Doyle:

Enclosed is Permit Number 006176-HO-12 for the operation of one Miscellaneous Unit and the continuation of Corrective Actions. This permit is being issued pursuant to Section 403.722, Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, and 62-780, Florida Administrative Code (F.A.C.).

Upon issuance of this final permit, any party to this action has the right to seek judicial review of it under Section 120.68, F.S. by the filing of a notice of appeal under Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days after this order is filed with the Clerk of the Department.

If you have any questions, please contact Merlin D. Russell Jr. by telephone at (850) 245-8796 or by e-mail at merlin.russell@floridadep.gov.

Sincerely,

A handwritten signature in blue ink that reads "Michell Mason Smith".

Michell Mason Smith, Environmental Administrator
Hazardous Waste Program & Permitting

Enclosures

cc (with Enclosures):

Ralph Armstrong, Eglin AFB, ralph.armstrong@us.af.mil

Mr. Kevin Doyle
March 11, 2022
Page 2 of 2

Laura Barrett, FDEP Tallahassee, laura.k.barrett@floridadep.gov
Brian Bastek, EPA Region 4, bastek.brian@epa.gov
Colonel Joseph R. Augustine, 96 Test Wing, joseph.augustine@us.af.mil
Florida Fish & Wildlife Conservation Planning Services,
FWCConservationPlanningServices@myfwc.com
Frances Dunham, francesdunham@97520.net
Annie Dziergowski, U.S. Fish & Wildlife Service, annie_dziergowski@fws.gov
Monica Hardin, FDEP Northwest District, monica.hardin@floridadep.gov
Denise Housley, EPA Region 4, housley.denise@epa.gov
Carlos Merizalde, EPA Region 4, merizalde.carlos@epa.gov
Laura Olah, CSWAB, info@cswab.org
Colonel Kevin J. Osborne, Commander, 96th Civil Engineer Group, kevin.osborne@us.af.mil
Cliff Richardson, FDEP Northwest District, Cliff.J.Richardson@FloridaDEP.gov
Brian Taylor, FDEP Headquarters, brian.taylor@floridadep.gov
Jennifer Vogel, USEPA Region 4, vogel.jennifer@epa.gov



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

PERMITTEE:
EGLIN AIR FORCE BASE
501 DELEON STREET, SUITE 101
EGLIN AIR FORCE BASE,
Florida 32542-5133

I.D. NUMBER: FL8570024366
PERMIT NUMBER: 006176-12-HO
DATE OF ISSUE:
EXPIRATION DATE: SEPTEMBER 1, 2025

ATTENTION:
COLONEL KEVIN J. OSBORNE,
COMMANDER, 96TH CIVIL ENGINEER
GROUP

COUNTY: OKALOOSA, WALTON AND SANTA ROSA
PROJECT: OPERATION OF ONE MISCELLANEOUS UNIT
AND CONTINUATION OF CORRECTIVE ACTION

Pursuant to authorization obtained by the Florida Department of Environmental Protection (FDEP) under the Resource Conservation and Recovery Act [42 United States Code (U.S.C.) 6901, *et seq.*, commonly known as RCRA] and the Hazardous and Solid Waste Amendments of 1984 (HSWA), this permit is issued under the provisions of Section 403.722 Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, 62-777 and 62-780 Florida Administrative Code (F.A.C.). This permit replaces expired permit 006176-HO-11. The above-named Permittee is hereby authorized to perform the work or operate the facility shown on the application dated July 21, 2021 and revised or supplemented by submissions dated July 21, 2021 but received August 12, 2021 that are incorporated herein and collectively referred to as the "permit application." The permit application also includes any approved drawing(s), plans, and other documents that are specifically identified and incorporated by reference. Solid waste management units (SWMUs) and areas of concern (AOCs) identified to date are listed in Appendix A. The RCRA-regulated units, permitted units or permitted activities are specifically described as follows:

To operate a Subpart X Miscellaneous Unit, more commonly called an Open Detonation Unit (ODU), at Range C-62.

The Permittee is required to investigate any releases of contaminants to the environment at the facility regardless of the time at which waste was placed in a unit and to take appropriate corrective action for any such releases. Pursuant to 40 Code of Federal Regulations (CFR) 260.10 [as adopted by reference in Subsection 62-730.020(1), F.A.C.], the corrective action requirements of this RCRA permit extend to all property under control of the Permittee (see Attachment A, a map of the property boundaries of the land under the Permittee's control) and to all contamination that originated from discharges at the property under control of the Permittee to the extent such contamination and discharges are subject to 40 CFR Parts 264 and 266 through 268 and 270, Chapters 376 and 403, F.S., and the rules promulgated thereunder.

This permit is based on the premise that information and reports submitted by the Permittee prior to issuance of this permit are accurate. Any inaccuracies found in this information or information submitted as required by this permit may be grounds for termination or modification of this permit in accordance with Section 403.727(3)(a) F.S. and Rule 62-730.290, F.A.C., and potential enforcement action.

The facility is located at Eglin Air Force Base, Florida.

The following documents were used in the preparation of this permit:

1. Basewide Environmental Restoration Workplan; Eglin Air Force Base, Rev 5, dated December 2012 (or most current), including updated appendices and Eglin Standard Operating Procedure (ESOP) No. 19 Quality Assurance Project Plan Development.
2. Letters of Concurrence, LF-08, Receiver Landfill, Eglin AFB, FL, dated June 30, 2000.
3. Letters of Concurrence, LF-10, Field 2, North Landfill, Eglin AFB, FL, dated June 30, 2000.
4. Statement of Basis, Site LF-51 Upper Memorial Lake Landfill, August 2000.
5. Statement of Basis, Site DP-84, Jack's Lake Limb Disposal Area, August 2000.
6. Final Statement of Basis, Site OT-83, Pocosin Pond Cattle Dipping Vat, Eglin AFB, FL, dated August 10, 2000.
7. Statement of Basis for Site OT-100, Shoal River Cattle Dipping Vat, Revision 2, Eglin Air Force Base, Florida, dated October 27, 2000.
8. Statement of Basis for Site OT-263, Rev 2 Kepner Pond Cattle Dipping Vat, Eglin Air Force Base, Florida, dated June 1, 2001.
9. Statement of Basis for Site OT-265, Rev 2, Owl's Head Branch Cattle Dipping Vat, Eglin Air Force Base, Florida, dated June 5, 2001.
10. Statement of Basis for Site OT-264, Rev 2, R.R 678 & R.R. 234 Cattle Dipping Vat, Eglin Air Force Base, Florida, dated June 7, 2001.
11. Final Statement of Basis for Site LF-05, Former Eglin Main Landfill, Eglin Air Force Base, Florida, dated August 14, 2001.
12. Statement of Basis for SWMU OT-269, Eglin Air Force Base, Florida dated May 30, 2002.
13. Statement of Basis for SWMU OT-270, Cattle Dipping Vat – Malone Creek, Eglin Air Force Base, Florida dated May 30, 2002.
14. Statement of Basis for SWMU OT-271, Cattle Dipping Vat – Choctaw Field, Eglin Air Force Base, Florida dated May 30, 2002.

15. Statement of Basis for SWMU SS-26, Eglin Hardstand 7, Eglin Air Force Base, Florida dated August 29, 2002.
16. Statement of Basis for SWMU DP-261, Building No. 914 Dump Site, Eglin Air Force Base, Florida dated August 30, 2002.
17. Statement of Basis for SWMUs OT-89, Eglin Golf Course Maintenance Facility, Eglin Air Force Base, Florida dated September 24, 2002.
18. Statement of Basis for Sites SS-86, Exterior Electric and Entomology Shops, and DP-97, Old Hobby Shop, Eglin Air Force Base, dated November 2003.
19. Statement of Basis, Site DP-257, accepted by the Department on March 27, 2006.
20. Statement of Basis, Site ST-69, accepted by the Department on August 23, 2006.
21. Statement of Basis, Site DP-268, accepted by the Department on August 25, 2006.
22. Statement of Basis, Site SS-278, accepted by the Department on September 5, 2006.
23. Statement of Basis, Site SS-01, accepted by the Department on September 20, 2006.
24. Statement of Basis, Site FT-28, accepted by the Department on September 20, 2006.
25. Final Statement of Basis, Rev 1, Site FT-28, Old Main Base Fire Training Area, Eglin AFB, FL, dated October 2006.
26. Remedial Action Plan Addendum for Site ST-279, Eglin Air Force Base, Florida, (Report No. 2), dated May 2008
27. Remedial Action Plan Addendum for Site SS-280, Eglin Air Force Base, Florida, (Report No. 2), dated August 2009
28. Remedial Action Plan, AFCEC/EMR Site SS-280, Approval Letter with Certification of Approval and an Approval Order, dated January 2010.
29. Remedial Action Plan, SS-280, accepted by the Department on January 4, 2010.
30. Approval of Site Rehabilitation Completion Report, No. Further Action, EMR Site No. SS-85, dated June 2010.
31. Site Rehabilitation Completion Order – No Further Action (NFA), Site SS-85, received by Eglin Air Force Base on June 22, 2010.
32. Remedy Decision Documentation, Verification of Complete Remediation for the Classified RCRA AOC (POI 344) LTR to RCRA DIV, EMR Sit No. POI-344, dated September 2010.
33. Approval of Site Rehabilitation Completion Report with Site Rehabilitation Completion Order (SRCO), ST-58, dated October 2010.

34. Conditional Site Rehabilitation Completion Order, EMR Site No. DP-261, dated October 2010.
35. Site Rehabilitation Completion Order (SRCO) Site ST-58, Eglin Air Force Base, Florida, issued 29 October 2010.
36. Second Five-Year Review Report, FDEP Site No. QT-100, Rev 1, dated February 2011.
37. Second Five Year Review Report, EMR Site No. DP-84, dated April 2011.
38. Second Five Year Review Report, Site No. LF-08, March 2011.
39. Site Rehabilitation Completion Order (SRCO) Site OT-89, Golf Course Maintenance Facility, Eglin Air Force Base, Florida, issued 9 March 2011.
40. Site Rehabilitation Completion Order from FDEP, EMR Site No. POI-518, dated August 2011.
41. Second Five Year Review Report, EMR Site No. LF-05, Former Eglin Main Landfill, Rev 1, Eglin Air Force Base, Florida, dated March 2012.
42. Land Use Controls Reconciliation Letters for 22 IRP Sites (DP-9, DP-257, DP-261, DP-268, FT-28, LF-05, LF-08, LF-10, LF-51, OT-83, OT-100, OT-262, OT-263, OT-264, OT-265, OT-269, OT-270, OT-271, SS-01, SS-25, SS-26, and SS-86) at Eglin, each letter addressed to FDEP and dated May 12, 2012.
43. Second Five Year Review Report Auxiliary, EMR Site No. LF-10 Field No. 2 North Landfill, Rev 1, dated May 2012.
44. Second Five Year Review Report, FDEP Site No. DP-09, Mullet Creek Drum Disposal Area, dated June 2012.
45. Second Five Year Review Report, FDEP Site No. SS-25, C-52 Herbicide Test Grid, dated June 2012.
46. First Five Year Review Report, FDEP SS-278, Green Ponds, Cattle Dipping Vat, Rev 1, dated June 2012.
47. Site Investigation Report, POI No. 519, Auto Hobby Washrack Overflow Site, Letter from FDEP dated 13 July 2012 concurring with NFA at site.
48. Site Rehabilitation Completion Order (SRCO) IRP Site No. SS-110, Eglin Pipeline Spill Site, Pit 12, Eglin Air Force Base, Florida, issued 6 August 2012.
49. Second Five Year Review Report, Revision 1, FDEP Site No. LF-03, Former Eglin Main Base Landfill, AECOM/Trinity, Eglin Air Force Base, Florida, dated September 2012.
50. Preliminary Assessment (PA)/Site Investigation (SI) Report POI No. 521, F-16 Jet Fuel Spill Site, Letter from FDEP dated 3 October 2012 concurring with NFA at site.

51. Second Five Year Review, EMR Site No. OT-265, Cattle Dipping Vat – Owl’s Head Branch Walton County, Rev 1, dated January 2013.
52. Second Five Year Review, EMR Site No. OT-264 Rev 1, Cattle Dipping Vat – R.R. 678 & R.R. 234, dated January 2013.
53. Second Five Year Review, EMR Site No. OT-262, Rev 1, Cattle Dipping Vat-Aux Field, dated January 2013.
54. Second Five Year Review, EMR Site No. OT263 Rev 1, Cattle Dipping Vat. Kepner Pond, dated January 2013.
55. Second five Year Review Report, Rev 1, OT-269, IDIQ Contract W912F-10-D-0091 DO 0005, Feb. 2013
56. Second Five Year Review Report, FDEP Site No. OT-270, Rev 1, dated February 2013.
57. Second Five Year Review report, FDEP Site No. OT-271, Rev 1, dated February 2013.
58. Site Investigation Report, Oil Water Separators (OWS) FDEP Concurrence Letter (22 OWS NFA, RMO Level 1), dated 17 May 2013.
59. Site Rehabilitation Completion Order (SRCO), Site ST-54, Eglin Air Force Base, Florida, dated 13 November 2013.
60. Final Uniform Federal Policy – Quality Assurance Project Plan (QAPP), Conceptual Site Model Work Plan, EMR Site No. FT-28, dated January 2014.
61. Second Five Year Review Report for Exterior Electric and Entomology Shops, EMR Site No. SS-86, dated April 2014.
62. Site Rehabilitation Completion Order (SRCO), IRP Site No. POI 553 (OWS-563), Building 3029 Maintenance Dock, Eglin Air Force Base, Florida, dated 28 May 2014.
63. Site Rehabilitation Completion Order (SRCO), POI-553 (OWS-563), Bldg. 3029, Maintenance Dock, Eglin AFB dated May 28, 2014
64. Remedial Action Plan Addendum for Site ST-55A, Eglin Air Force Base, Florida, (Report No. 22), dated June 2014.
65. Second Five Year Review Report, EMR Site No. DP-257, Rev 1, Post’l Lake Prison Camp Drum Disposal Area, Eglin AFB, dated July 2014.
66. Supplemental Comprehensive Site Evaluation (CSE) Phase II Legacy Bay Ranges, Eglin Air Force Base, Florida, dated September 2014
67. Remedial Action Plan Addendum Approval Order, St-55A, November 2014, Eglin AFB.
68. Final Site Investigation Report Addendum, IRP Site No. POI 550 (OW-515), Building 455, Jet Engine Test Cell, Eglin Air Force Base, Florida, dated November 2014.

69. Final Optimized Exist Strategy Plan, FDEP Site No. LF-05, Eglin Main Base Landfill, Eglin Air Force Base, Florida, dated December 2014.
70. Final Annual Environmental Monitoring Report, No. 14, FDEP site No. SS-275, Air Combat Command Tank Farm, dated December 2014.
71. Remedial Action Plan and Post Active Remediation Monitoring Work Plan, Site ST-69, Former Waste Oil Tank, Building 3073, Duke Field, Eglin Air Force Base, Florida, dated January 2015.
72. Final Uniform Federal Policy QAPP, Remedial Action Plan and Post Active Remediation Monitoring Work Plan, AFCEC/EMR Site No. ST-69, dated January 2015.
73. Environmental Monitoring Report, AFCEC/EMR Site No. SS-279, July 2013 to October 2014, Rev 0, Dec 2014 dated January 2015.
74. Final Site Rehabilitation Completion Report, ERP Site No. ST-282, West Gate Service Station (NFA, RMO Level 1), dated January 2015.
75. Technical Memorandum, Interim Measure – Supplemental Investigation Sampling, Site SS-86, Eglin Air Force Base, Florida, dated 17 December 2014 and approved by FDEP in a letter dated 14 January 2015.
76. Final UFP QAPP Remedial Action Plan and Post Active Remediation Monitoring Work Plan, JP-8 Spill Site, AFCEC/EMR Site No. SS-283, Eglin Air Force Base, Florida, dated February 2015.
77. Supplemental Investigation Report, AFCEC/EMR Site No. DP-268, Main Base Petroleum, Oils and Lubricant (POL) Debris Pile, dated February 2015.
78. Remedial Action Plan Approval Order, ST-69, Former Waste Oil Tank, Bldg. 3073, Duke Field, Eglin AFB dated March 13, 2015
79. Final Long Term Monitoring Report of 2013 Biennial Sediment Sampling, LF-51, Upper Memorial Lake Landfill, Eglin AFB, March 2015
80. Draft Final Remedial Action Plan & Post Active Remediation Work Plan, AFCEC/EMR Site No. SS-01 (UFP-QAPP), Eglin Air Force Base, Florida, dated April 2015.
81. Environmental Monitoring Report, No. 11, AFCEC/EMR Site No. SS-274, Eglin Air Force Base, Florida, dated May 2015.
82. Final Supplemental Site Investigation Report, AFCEC/EMR Site No. SS-281, Deep TCE Plume, 33RD FW, Eglin Air Force Base, Florida, dated May 2015.
83. Conditional Site Rehabilitation Completion Order (SRCO), AFCEC/EMR Site No. POI-523, with LUCIP, Fast Cook Off Spill Site, Eglin Air Force Base, Florida, dated May 2015.
84. Final Site Assessment Report, POI-550 (OW-515), Bldg. 455, JET Engine Test Cell, Eglin AFB, May 2015.

85. Draft Final UFP-QAPP & PARM Work Plan, FDEP Site No. OT-35, Former 7tgh Street Service Station, Eglin Air Force Base, Florida, dated June 2015.
86. Site Rehabilitation Completion Order, AFCEC/EMR Site No. ST-282, West Gate Service Station Site, Eglin Air Force Base, Florida, dated June 2015.
87. Annual Environmental Monitoring Report, No. 14, Eglin Main Base Old Fire TNG Area, AFCEC/EMR Site No. FT-28, Eglin Air Force Base, Florida, dated July 2015.
88. Draft Final Supplemental Investigation Report and Sediment Alternative Cleanup Target Level Determinations; AFCEC/EMR Site No. DP-257, Eglin Air Force Base, Florida, dated July 2015.
89. 103. FDEP No Discharge Letters for POI-550, POI-551, POI-552 and POI-554 dated 28 September 2015
90. Eglin's 1/7/16 version of Permit with Updated Appendices and Figures, sent by electronic mail, January 25, 2016.
91. Final Modified Comprehensive Site Evaluation (CSE) Phase I/II Report, Munitions Response Sites XU656K, XU656L, XU657J, XU657I, XU657L, and XU656M, Letter from FDEP dated 29 June 2016
92. Site Rehabilitation Completion Order (SRCO), IRP Site SS-274, Duke Field Fire Training Area, dated 16 September 2016
93. Soil Management Report for MFH Pod 1, Eastern MFH Pod 4A and Community Center, Western Old Plew Initial Mass Grading Area dated May 1, 2017
94. Site Status Report, Environmental Restoration Program, Eglin Air Force Base, Florida, Volumes I & II dated June 2017.
95. Soil Management Report for MFH Pod 4B and Western MFH Pod 4A, New Plew Military Family Housing dated July 24, 2017
96. Soil Management Plan Addendum No. 4 for Eastern Old Plew Military Family Housing Area dated July 24, 2017
97. Basewide Work Plan dated October 2017
98. Remedial Action Plan Addendum Approval Order, Site No. SS-279, Eglin Air Force Base dated January 18, 2018
99. Source Removal Report for Eglin AFB, Building 92 dated March 2018
100. Transition Sump Closure Report for transition sumps associated with a 10,000-gallon unleaded gasoline UST at Ben's Lake Marina (Facility I.D. No. 46/9601508) Boatner Road, Eglin Air Force Base, Florida dated April 24, 2018.
101. Site Rehabilitation Completion Order (SRCO), Site No. DP-257, Postl Lake Prison Camp Drum Disposal Area, Eglin Air Force Base dated November 14, 2018

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

102. Site Rehabilitation Completion Order (SRCO), Site No. DP-268, Main Base Petroleum, Oils, and Lubricant Debris Pile, Eglin Air Force Base dated November 21, 2018
103. Site Rehabilitation Completion Order (SRCO), Site SS-285, Abandoned Fuel Transfer Line, Eglin Air Force Base dated August 1, 2019
104. Guidelines for COPC Identification, Revision 9, Eglin AFB dated September 25, 2019 (or latest revision)
105. Site Rehabilitation Completion Order (SRCO), Site ST-55A, Former Duke Field Tank Farm, Eglin Air Force Base dated October 4, 2019
106. Site Rehabilitation Completion Order (SRCO), IRP Site No. OT-35, Former 7th Street Service Station, Eglin Air Force Base dated July 14, 2020
107. Site Rehabilitation Completion Order (SRCO), Site C-3 (Munitions Response Site XU658) Expanded Area and Spur Rail Line, Eglin Air Force Base dated July 17, 2020
108. Sites Status Report (SSR) dated February 2021
109. Site Rehabilitation Completion Order (SRCO), Site SS-279, Building 945 JP-8 Spill Site, Eglin Air Force Base dated February 15, 2021
110. Hazardous Waste Permit Renewal Application (Part II) dated July 21, 2021.
111. Hazardous Waste Permit Renewal Application (Part I) dated July 21, 2021 (received August 12, 2021).
112. Remedial Action Plan (RAP) Modification Approval Order, Site No. SS-01, A-20 Radar Site, Eglin Air Force Base dated August 10, 2021
113. Remedial Action Plan (RAP) Modification Approval Order, Site No. SS-01, A-20 Radar Site, Eglin Air Force Base dated August 10, 2021
114. Draft Final Range C-62 Plume Delineation Site Assessment Report, Open Detonation Range C-62, Eglin Air Force Base, September 2021
115. Site Rehabilitation Completion Order (SRCO), Site SS-286, McKinley Lab Fire Site (Building 440), Eglin Air Force Base dated September 13, 2021

TABLE OF CONTENTS

Part I – General and Standard Conditions.....	11
Part II – Operating Conditions.....	19
Part II Subpart A – General Operating Conditions.....	19
Part II Subpart B – Specific Operating Conditions for the Open Detonation Unit at C-62.....	22
Part II Subpart C.1 – Closure Conditions	26
Part II Subpart C.2 – Specific Closure Conditions	28
Part III – Postclosure Conditions	28
Part IV – Environmental Monitoring Conditions	28
Part IV Subpart A – General Environmental Monitoring Conditions	28
Part IV Subpart B – Specific Monitoring Conditions	32
Part IV Subpart C – Specific Environmental Monitoring Requirements for the Open Detonation Unit at C-62.....	32
Part IV Subpart D – Cleanup Target Levels (CTLs)	34
Part IV Subpart E – Assessment	36
Part V – Corrective (Remedial) Action Conditions.....	36
Part V Subpart A – General Corrective Action Conditions.....	36
Part V Subpart B – Specific Corrective Action Conditions.....	38
Part VI – Remedy Selection and Implementation.....	38
Part VI Subpart A – General Remedy Selection and Implementation Conditions.....	38
Part VI Subpart B – Selected Remedies	39
Appendix A - Summary of Facility Sites - Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs).....	39
Appendix B - Summary of Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Release Areas.....	55
Attachment A – Facility Map	59
Attachment B - Range C-62N.....	60
Attachment C - Test Area At Range C-62N	61
Attachment D - Monitoring Wells At Range C-62.....	62

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

Table of Permit Modifications				
Effective Date	Class*	Permit Number	Location	Brief Description
*40 CFR Part 270.42 Appendix I-Classification of Permit Modification				

PART I – GENERAL AND STANDARD CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are “permit conditions” and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The Permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Sections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. This permit or a copy thereof shall be kept at the work site of the permitted activity. In the event that there is no building or reasonable repository for such a copy at the work site, an alternate location must be approved by the Department in writing.
8. The Permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted for the activities below. Reasonable time may depend on the nature of the concern being investigated.

- a. Have access to and copy any records that must be kept under conditions of the permit.
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit.
 - c. Sample or monitor any substances or parameters at any time or location reasonably necessary to assure compliance with this permit or Department rules.
9. The conditions in this permit shall take precedence over the permit application documents where there are differences between those documents and the permit conditions.
10. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of the permitted activity which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted activity arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
11. The Permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
12. The Permittee shall comply with the following notification and reporting requirements:
 - a. If for any reason the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately provide the Department's RCRA Manager with the following information:
 - (1) A description of and cause of noncompliance.
 - (2) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The Permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
 - b. The Permittee will report any event requiring emergency response or noncompliance that may endanger human health or the environment from fires and explosions or releases of hazardous waste that may endanger public drinking water supplies. The Permittee will report to the Department's RCRA Manager verbally within 24 hours, and provide a written report of the incident to the Hazardous Waste Program & Permitting Section at the address in Part I.15 or by alternate means (*e.g.*, e-mail) as approved by the Department, within five calendar days. It is the responsibility of the Permittee to ensure receipt of the written

report. The Department of Environmental Protection's 24-hour emergency telephone number is (850) 413-9911 or (800) 320-0519. During normal business hours, the Hazardous Waste Program & Permitting Section in Tallahassee may be contacted at 850-245-8707, or the DEP District Office may be contacted at (850) 595-8300 (Pensacola).

- (1) The verbal report shall include the following information:
 - (a) The name, address, I.D. number, e-mail address, and telephone number of the facility and its owner or operator.
 - (b) The date, time, and type of incident.
 - (c) The identity and quantity of materials involved.
 - (d) The extent of any injuries.
 - (e) An assessment of actual or potential hazards.
 - (f) The estimated quantity and disposition of recovered materials.
- (2) The written report shall include all of the information in the verbal report and the following information:
 - (a) A description and cause of the noncompliance.
 - (b) If not corrected, the expected time of correction, and the steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.
- c. Within 15 calendar days of discovery per Part V.A.1.b, the Permittee shall notify the Department's RCRA Manager in writing of any newly discovered release(s) of contaminant(s) to the environment resulting in a de Minimis cleanup (Part V.A.4) or a suspected new AOC(s) and/or SWMU(s) discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means.
 - (1) The notification shall include, at a minimum, the location of the release, AOC or SWMU (hereinafter referred to collectively as "site"), and all relevant information (e.g., location of site(s) on a map of appropriate scale; general dimensions of affected area; media affected; hazardous constituents released; and magnitude of release).
 - (2) The Department may conduct, or require that the Permittee conduct, confirmatory sampling in order to determine whether contamination is present (Part V.A.3). The Department will notify the Permittee in writing of the final determination as to the status of the newly discovered or suspected site.
 - (3) Depending upon the type of discovery, notification requirements of Part I.12.b may also be required.
- d. The Permittee shall comply with the "Notices" provisions of Rules 62-780.220, F.A.C., and 62-730.225, F.A.C.
 - (1) Prior to performing field activities.
 - (2) When contamination beyond the facility boundary is confirmed by laboratory analysis.

- (3) When a Temporary Point of Compliance (TPOC) is established beyond the boundary of the source property in conjunction with monitored natural attenuation or active remediation.
 - (4) When a fifth year update to the status of a TPOC is issued.
 - (5) By placing warning signs at facilities where there may be a risk of exposure to the public of environmental media contaminated with hazardous waste.
- e. The Permittee shall give written notice to the Department's RCRA manager at least 15 days prior to physical alterations or additions to the facility that could affect activities covered by this permit. The notice shall include a summary description of the project, an evaluation of the effect it will have on: the operation of a hazardous waste facility, postclosure care, the ability to investigate contamination at or from a contaminated site, and an evaluation of the effect it might have on the known or suspected contamination.
- f. Operating and Postclosure Permittees that generate hazardous waste, and all HSWA Corrective Action Permittees that are also a large quantity generator (LQG) of hazardous waste, shall submit a Biennial Report covering facility activities during the previous calendar year by March 1 of each even numbered year pursuant to Chapter 62-730, F.A.C.

13. The Permittee shall comply with the following recordkeeping requirements:

- a. Upon request, the Permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The Permittee shall hold all information required by the permit at the facility or other location designated by this permit. This includes records of all monitoring information (including all calibration and maintenance records and all original recordings for continuous monitoring instrumentation); copies of all reports; records of all data used to complete the permit application; and all monitoring data required by 40 CFR Part 264 and Part IV and when applicable, Part VI of this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. Any Remedial Action Plan as applicable for each contaminated site and associated cost estimate(s) shall be held until a Site Rehabilitation Cleanup Order is issued.
- c. Records of monitoring information shall include all required items in Chapter 62-160, F.A.C., and the following information:
 - (1) The date, exact place, and time of sampling or measurements.
 - (2) The person responsible for performing the sampling or measurements.
 - (3) The dates that analyses were performed.
 - (4) The person responsible for performing the analyses.
 - (5) The analytical techniques or methods used.
 - (6) The results of such analyses.

- d. If the Permittee generates hazardous waste, the Permittee shall retain a copy of all notices, certifications, demonstrations, waste analysis data, and other documentation produced to comply with land disposal restrictions (40 CFR Part 268 and Rule 62-730.183, F.A.C.) for at least three years from the date that the waste which is the subject of such documentation was last sent to an on-property or off-property facility for treatment, storage, or disposal, or until remedial activity is completed, whichever date is later. These periods may be extended by request of the Department at any time and are automatically extended during the course of any unresolved enforcement action regarding this facility.
14. Within the timeframe requested by the Department, the Permittee shall furnish any information required by law which is needed to determine compliance with the permit. If the Department's request does not include a timeframe, the time of response is 30 days. If the Permittee becomes aware that the relevant facts were not submitted or were incorrect in the permit application or any report submitted to the Department, such facts or information shall be corrected promptly.
15. Except as otherwise specifically provided in this permit, all submittals in response to permit conditions shall be provided as described below. Submittals may be directed to alternative addresses (*i.e.* electronic submittal) and will not require a permit modification. Technical submittals (*e.g.* workplans, reports) provided in digital format must be in optical media format (Cd or DVD) or through a secured internet port (*i.e.* username/password encryption) when one is available.

Environmental Administrator
Florida Department of Environmental Protection
Hazardous Waste Program and Permitting
2600 Blair Stone Road, M.S. 4560
Tallahassee, Florida 32399-2400

In addition to copies sent to Hazardous Waste Program and Permitting in Tallahassee, submittals in response to postclosure or operating permit conditions shall be sent to:

epost@nwdwaste.dep.state.fl.us

16. All documents submitted pursuant to the conditions of this permit shall be accompanied by a cover letter stating the name and date of the document submitted, the number(s) of the Part(s) and Condition(s) of the permit affected, the E.P.A. I.D. number, and the permit number and project name of the permit involved.
17. All documents proposing modifications to the approved permit and involving the practice of engineering must be submitted to the Department for review and be signed, sealed, and certified by a Professional Engineer registered in the State of Florida, in accordance with Chapter 471, F.S., and Subsection 62-730.220(9), F.A.C. or by a Professional Engineer employed by the U.S. Government. All submittals incorporating interpretation of geological data shall be signed and sealed by a Professional Geologist registered in the State of Florida in accordance with Chapter 492, F.S., and Subsection 62-730.220(10), F.A.C. or by a Professional Geologist employed by the U.S. Government.

18. All work plans, reports, schedules and other documents ("submittals") required by this permit are subject to approval by the Department prior to implementation. The Department will review the submittals and respond in writing. Upon written approval by the Department, the Permittee shall implement all work plans, reports and schedules as provided in the approved submittal. If the Department disapproves a submittal, the Department will do one of the following:
- a. The Department will notify the Permittee in writing of the reason(s) why the submittal does not contain information adequate to support the conclusion, alternative, plan, proposal or recommendation, or why the conclusion, alternative, plan, proposal or recommendation is not supported by the applicable criteria. In this case, the Permittee shall submit a revised submittal within 60 days of receipt of the Department's disapproval unless an alternative deadline is approved in writing by the Department.
 - b. The Department will revise the submittal, or approve the submittal with conditions, and notify the Permittee of the revisions or conditions. In the case of work plans, the Department may notify the Permittee of the start date of the schedule within the revised or conditionally approved work plan.
19. The Permittee shall revise "Part I – General" of the Application for a Hazardous Waste Facility Permit [DEP Form 62-730.900(2)(a)] and submit the revised form to the Department within 30 days of any changes in the Part I information. Changes in the Part I information may also require changes to the Department's 8700-12FL form.
20. The Permittee may claim that any information required to be submitted by this permit is confidential in accordance with Chapter 403.73, F.S.
21. This permit is transferable only upon written Department approval in accordance with Rule 62-4.120 and Subsection 62-730.290(6), F.A.C., as applicable. The Permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. Before transferring ownership or operation of this facility during the term of this permit, the Permittee must notify the new owner or operator in writing of the requirements of 40 CFR Part 264 and Chapter 62-730, F.A.C.
22. The following conditions apply to renewal, modification and revocation of this permit:
- a. The Permittee shall submit a complete application for the renewal of this permit a minimum of 180 calendar days before the expiration of the permit. The permit renewal application shall be submitted in accordance with Rules 62-4 and 62-730, F.A.C.
 - b. The Department may modify, revoke, reissue, or terminate for cause this permit in accordance with Chapters 62-4 and 62-730, F.A.C.
 - c. The Permittee may submit any permit modification to the Department for approval. The filing of a request for a permit modification, revocation, reissuance, termination, notification of planned changes, or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any permit condition.

- d. The Permittee shall submit the application for a permit renewal or modification to the addresses in Part I.15.
 - (1) The Permittee shall submit a fee with the permit renewal or modification application that meets the requirements of Rule 62-730.293, F.A.C. A Permittee choosing to pay the fee on an annual basis shall submit the annual fee payment no later than the anniversary date of permit issuance.
 - (2) The Permittee shall submit a copy of the cover letter accompanying the permit renewal or modification application and the fee to the following address:

Florida Department of Environmental Protection
Hazardous Waste Program and Permitting
2600 Blair Stone Road, M.S. 4500
Tallahassee, Florida 32399-2400
 - (3) The Permittee shall also submit notification of fee submittal, or notification of annual fee submittal, to the addresses in Part I.15.a., or by an alternate means (e.g., e-mail) as approved by the Department.
 - (4) The permit renewal or modification application fee may alternately be submitted electronically. If the Permittee intends to submit the application fee electronically, the Permittee shall obtain instructions from the Department on the proper procedures, and shall follow such instructions in making the electronic submittal. Notification per Part I.22.d.(3) is still required.
 - e. The timeframes for permit review begin on the date when the Department has received both the permit renewal or modification application and the application fee.
 - f. If the Permittee allows this permit to expire prior to Department acceptance of the certification of postclosure and termination of all corrective action, the Permittee must reapply for a permit in accordance with DEP Form 62-730.900(2), F.A.C.
 - g. Any request to modify a permit for the treatment, storage, or disposal of hazardous waste generated off-site shall include an evaluation of the applicability of, and Permittee's compliance with, the siting criteria of Section 403.7211, F.S., and Rule 62-730.182, F.A.C.
23. If and when the Permittee intends to transfer parcels to third parties, the Permittee may remove a parcel from the Facility covered by this permit, and the Department will approve the removal of the parcel from this permit so long as the parcel never contained a contaminated site, or so long as any contamination associated with the contaminated site has been addressed to the satisfaction of the Department. The Department will approve the transfer or removal of a parcel from this permit in writing.
- a. The satisfaction of the Department may be conditioned on a sale with certain legal restrictions on the future use and/or remedial activity requirements on the parcel being transferred.
 - b. Following the legal transfer of the property, a permit modification request to transfer the parcel from the permit must be made per Part I.22 within 30 days. A new facility map denoting the current property boundary and new property

boundary legal description shall be submitted with the permit modification request.

- c. Even though a parcel is no longer defined as part of the facility as a result of the permit modification (using the minor modification requirements of Subsection 62-730.290(4), F.A.C.); in the event that a previously unknown contaminated site is found on the parcel, and such contamination resulted from activities which occurred prior to the sale, the Permittee will be responsible for any corrective action along with any other persons who may have legal responsibility for the contamination (see Part V.A.1.b. regarding discovery of a new SWMU).

24. The following conditions apply to land disposal (placement) of hazardous wastes:

- a. 40 CFR Part 268 and Rule 62-730.183, F.A.C., identify hazardous wastes that are restricted from land disposal and defines those limited circumstances under which an otherwise prohibited waste may continue to be placed on or in a land treatment, storage, or disposal unit. The Permittee shall maintain compliance with the requirements of 40 CFR Part 268. Where the Permittee has applied for an extension, waiver, or variance under 40 CFR Part 268, the Permittee shall comply with all restrictions on land disposal under this Part pending final written approval of such application.
- b. Waste identified in 40 CFR Part 268 Subpart C may not be placed in a land disposal unit without treatment unless the requirements of 40 CFR Part 268 Subparts C and/or D are met.
- c. The storage of hazardous wastes restricted from land disposal in 40 CFR Part 268 is prohibited unless the requirements of 40 CFR Part 268 Subpart E are met.

25. The Permittee is not relieved of responsibility to clean up a release that has migrated beyond the facility boundary where off-property access is denied or revoked.

- a. The Permittee shall use all reasonable efforts, including but not limited to correspondence, telephone calls, personal contacts, drafting and redrafting agreements, and payment of a fee, to obtain access to real property necessary for work to be performed in the implementation of this permit.
- b. If necessary access cannot be obtained by the Permittee, or if obtained, is revoked by owners or entities controlling access to the properties to which access is necessary, the Permittee shall notify the Department within five business days of such refusal or revocation. The Department may at any time thereafter seek to obtain such access as is necessary to implement the terms of this permit.
- c. The Permittee shall reimburse the Department for any expenses that the Department is ordered to pay, or that the Department incurs in connection with its efforts to obtain necessary access to said property. The Permittee shall pay these sums to the Department, or arrange a payment schedule with the Department, within 30 days of demand by the Department. Payments shall be performed in accordance to Part I.22.d.

26. Reserved

27. Any dispute resolution will be conducted in accordance with Chapter 120, F.S. (Administrative Procedure Act), Chapter 28-106, F.A.C., and the Department's existing rules and procedures.

PART II – OPERATING CONDITIONS

Part II Subpart A – General Operating Conditions

1. The Permittee shall comply with those sections of 40 CFR Part 124 specified in Subsection 62-730.200(3), F.A.C., 40 CFR Parts 260 through 268, and 40 CFR Part 270 as adopted in Chapter 62-730, F.A.C., until all hazardous waste permitting operations have ceased and the facility has been closed and released from postclosure care requirements and all facility-wide corrective action requirements.
2. The Permittee shall comply with the manifest requirements of 40 CFR 264.71 and 264.72. All manifests, both electronic and paper, must be submitted to EPA's Hazardous Waste Electronic Manifest (e-Manifest) System. The Permittee must document the reconciliation of any manifest discrepancies.
3. The Permittee shall comply with the import and export provisions of 40 CFR 262 Subpart H, the notification requirements of 40 CFR 264.12, and maintain all applicable records for Department inspection.
4. The owner or operator of a facility that is authorized by the Department to receive hazardous waste from an off-site source (except where the owner or operator is also the generator) must inform the generator in writing that he has the appropriate permit(s) for, and will accept, the waste the generator is shipping.
 - a. The Permittee that receives hazardous waste from an off-site source shall comply with the following notification and reporting requirements:
 - (1) Unmanifested Waste Report: The Permittee shall submit an Unmanifested Waste Report to the Department within 15 days of receipt of unmanifested waste.
 - (2) Manifest Discrepancy Report: If a significant discrepancy in a manifest is discovered, the Permittee shall attempt to rectify the discrepancy. If not resolved within 15 days after the waste is received, the Permittee shall immediately submit a letter report, including a copy of the manifest, to the Department.
5. Sampling and analysis of permitted and new hazardous wastes shall be conducted in accordance with the Waste Analysis Plan of the permit application.
 - a. The Permittee is liable for waste profiles supplied by generators.
 - b. Prior to acceptance of new waste codes, a permit modification per Condition I.22 is required. The need for a substantial modification should be evaluated using the criteria in Subsection 62-730.182(4), F.A.C.

6. The Permittee shall comply with 40 CFR 264.17, 264.176, and 264.198, with respect to ignitable and reactive wastes. The Permittee shall comply with 40 CFR 264.17, 264.177 and 264.199, with respect to incompatible wastes.
7. If this facility has suspected or confirmed environmental contamination where there may be a risk of exposure to the public, then upon direction from the Department the Permittee must comply with the warning sign requirements of Section 403.7255, F.S. and Rule 62-780.220, F.A.C. The Permittee is responsible for supplying, installing and maintaining the warning signs.
8. The Permittee shall comply with the security provisions of 40 CFR 264.14 and the facility security provisions of the permit application.
9. Facility personnel must successfully complete the approved training program indicated in the permit application, within six months of employment or assignment to a facility or to a new position at the facility. Verification of this training must be kept with the personnel training records and maintained at the facility. Personnel shall not work unsupervised until training has been completed. The training must be reviewed by facility personnel at least annually. The Permittee shall maintain an updated list of personnel handling hazardous waste and their respective job titles at the facility.
10. The Permittee shall maintain and operate the facility to minimize the possibility of fire, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
11. The Permittee shall comply with the following conditions concerning preparedness and prevention:
 - a. At a minimum, the Permittee shall have the equipment available at the facility which is described in the Prevention and Preparedness Plan (PPP) of the permit application. The Permittee shall visually inspect and maintain the facility emergency and safety equipment (40 CFR 264.32) listed in the PPP, in accordance with 40 CFR 264.15, 40 CFR 264.33 and the permit application, during permitted activities. The Permittee shall remedy any deterioration or malfunction discovered by an inspection, in accordance with the requirements of 40 CFR 264.15(c). A schedule for the inspection of the facility emergency and safety equipment must be maintained in the operating record of the facility. Changes, additions, or deletions to the schedule must be approved in writing by the Department.
 - b. The Permittee shall maintain immediate access to an internal communications or alarm system, fire protection equipment, spill control equipment and decontamination equipment.
 - c. The Permittee shall maintain arrangements with State and local authorities as required by 40 CFR 264.37, and with local medical facilities and emergency response personnel. If State or local officials refuse to enter into preparedness and prevention arrangements with the Permittee, the Permittee must document this refusal in the operating record. Authorities/facilities include local fire and

police departments, sheriff's office, state police, hospitals, ambulance services and emergency medical technicians, and state and local emergency response centers.

- d. The Permittee shall maintain aisle space, as required pursuant to 40 CFR 264.35, to allow the unobstructed movement of personnel, fire protection, and emergency response equipment to any area of the facility.

12. The Permittee shall comply with the following conditions concerning the Contingency Plan (CP):

- a. The Permittee shall immediately carry out the provisions of the permit application, and follow the emergency procedures described by 40 CFR 264.56, whenever there is a fire, explosion, or release of hazardous waste or hazardous waste constituents which threatens or could threaten human health or the environment. The Permittee shall give proper notification if an emergency situation arises and, within five calendar days, must submit to the Department's RCRA Manager a written report which includes all information required in Condition I.12.b.
- b. The Permittee shall comply with the requirements of 40 CFR 264.53. Electronic copies of the CP must be submitted to the authorities/facilities in Condition II.A.11.c., provided the entity has the capability to receive electronic submittals.
- c. Within seven calendar days of meeting any criterion listed in 40 CFR 264.54(a), (b) or (c), the Permittee shall amend the plan and submit the amended plan for Department approval. Any other changes to the plan must be submitted to the Department within seven days of the change. Amendments to the plan must be approved in writing by the Department. All approved amendments or plans must be distributed to the State and local authorities in Condition II.A.11.c.
- d. The Permittee shall comply with the requirements of 40 CFR 264.55, concerning the emergency coordinator.
- e. The Permittee shall perform at a minimum, an annual review of the Contingency Plan to ensure that it is up to date and contains current information. The date of review should be noted in the written operating record at the facility.

13. The Permittee shall develop and maintain a Waste Minimization Program Plan. The Permittee shall maintain copies of the certification required by this Condition in the facility operating record for a minimum of three years. The Permittee must certify, no less often than annually, the following per 40 CFR 264.73(b)(9):

- a. The Permittee has a program in place to reduce the volume and toxicity of hazardous waste generated to the degree determined by the Permittee to be economically practicable.
- b. The proposed method of treatment, storage or disposal is the most practicable method available to the Permittee, which minimizes the present and future threat to human health and the environment.

14. The Permittee shall keep a written operating record at the facility that includes the following:

- a. The results of any waste analysis.
 - b. Copies of hazardous waste manifests for three years. For e-manifests, this condition is satisfied by the retention of the facility's electronic manifest copies in its account on the e-Manifest system, provided such copies are readily available for viewing and production if requested by the Department inspector.
 - c. The results of inspections.
 - d. The closure plan, postclosure plan, and remedial action (corrective measures) plans as applicable for each contaminated site, along with cost estimates for each plan.
 - e. Inspections of emergency and safety equipment.
 - f. Biennial reports.
 - g. Personnel training records.
 - h. The Waste Minimization Program Plan and annual certification of waste minimization.
 - i. The description and quantity of each hazardous waste received or generated.
 - j. The location and quantity of each hazardous waste within the facility.
 - k. Notices to generators as specified in 40 CFR 264.12(b).
 - l. A log of dates of operations and unusual events.
 - m. A summary report and details of incidents that require implementation of the contingency plan.
 - n. The date of annual review of the Contingency Plan.
 - o. Monitoring and test data for 40 CFR 264 Subparts AA, BB, and CC requirements.
 - p. Documentation that local officials have refused to enter into preparedness prevention arrangements with the Permittee, when applicable.
15. Where a provision in Chapter 62-780, F.A.C., conflicts with a specific, applicable requirement of 40 C.F.R. Part 264, the C.F.R. provision controls (Paragraph 62-730.225(1)(a), F.A.C.

Part II Subpart B – Specific Operating Conditions for the Open Detonation Unit at C-62

1. Conditions in this permit supersede the permit application where differences exist.

Contingency Plan

2. The Permittee shall review the Contingency Plan in September of each year to ensure that the information in it is current and meets the requirements of 40 CFR Part 264 Subpart D.

Transportation

3. The Permittee shall transport military munitions per 40 CFR 266.203(a)(1) to maintain exemption of RCRA 40 CFR Part 260 through Part 270 while in transport. If the military munition cannot satisfy the exemption criteria, the military munition shall be managed as a RCRA hazardous waste in compliance with all applicable RCRA regulations during transport.
4. The transporter of a solid waste military munitions must provide oral notice to the Department within 24 hours from the time the transporter becomes aware of any loss or theft of the waste military munitions, or any failure to meet a condition of paragraph 40 CFR Part 266.203(a)(1) that may endanger health or the environment. In addition, a

written submission describing the circumstances shall be provided within five (5) days from the time the transporter becomes aware of any loss or theft of the waste military munitions or any failure to meet a condition of 40 CFR Part 266.203(a)(1) (40 CFR Part 266.203(a)(1)(iv)).

Changes in wastestream

5. New energetic waste ingredients or new HERD-generated experimental explosives that contain ingredients not listed on Table 1 Basic Compositions of Standard and HERD Explosives of the application may require a permit modification prior to thermal treatment in the OD unit. Prior to thermal treatment of such wastes, the Permittee shall:
 - a. Determine if there is an alternate management option for the waste other than open detonation.
 - b. Determine whether the waste is suitable for treatment by open detonation.
 - c. Determine the appropriate EPA hazardous waste code(s).
 - d. Determine whether the new energetic waste contains constituents that are not identified Part IV Subpart D – Cleanup Target Levels (CTLs) and whether or not the constituents have CTLs identified in Chapter 62-777, F.A.C.
 - e. Determine that the Net Explosive Weight (NEW) will not exceed the total NEW allowed for each treatment event.
 - f. Based upon a-e above, consult with the Department to determine if a permit modification is required.

Compliance Schedules

6. The Permittee shall submit a Site and Risk Assessment Workplan (the “Workplan”) by September 9, 2022. The Workplan shall contain the following activities, including schedules for implementing each activity and dates for submission of the final document.
 - a. Environmental assessment needed to complete the delineation of soils, groundwater, surface water, pore water and sediments within and in the area of the ODU.
 - b. Assessment to support a hazardous waste combustion human health and ecological risk assessment.
 - c. Air modelling protocol:
 - i. Proposed air model.
 - ii. Proposed assessment/data collection to support air model inputs:
 1. Worst-case OD demonstration test plan.
 2. Ambient air sample collection and analysis.
 - d. Human health risk assessment protocol.
 - e. Ecological risk assessment protocol.
7. Once approved, the Workplan in Specific Condition 6 of this part shall be implemented in accordance with a schedule approved by the Department. The final report(s) for the Workplan, listed below, may require a permit modification in accordance with Rule 62-730.290, F.A.C.:
 - a. A Site Assessment Report (SAR) containing results from environmental assessment and shall include proposed additional assessment, if assessment endpoints have not been reached.
 - b. A human health and ecological risk assessment.

- c. An air dispersion and deposition modeling results including a scaled map illustrating the estimated fallout area (debris and particulates based upon modelling) based upon worst-case scenario (e.g., detonation of maximum NEW under highest allowable wind speed). This predicted fallout and deposition area shall be used to determine an area for periodic post-detonation soil sampling.
- d. An updated Sampling and Analysis Plan (SAP) for the ODU based upon results of SAR, risk assessments and air modelling. Monitoring the ODU may also include periodic biological and/or ecological assessment and/or monitoring in order to meet the Environmental Performance Standards required by §264.601.
- e. A permit modification to:
 - i. Remove hazardous soil or soil that may be leaching at levels contributing to groundwater contamination, if needed, based upon soil assessment;
 - ii. Design, construct and maintain a permanent berm for containment of ejecta and surface water runoff;
 - iii. Design, construct and maintain a stormwater management system at the designated boundary of the ODU to contain stormwater runoff and minimize erosion from the treatment area. The modification can propose, with justification, using the exemption allowed under 373.406(6), Florida Statutes;
 - iv. Manage contaminated stormwater, if needed, and prevent overflow; and
 - v. Control combustion risk to human health and the environment.
- 8. The Permittee shall submit a Post-Treatment ODU Clearance Plan ("Clearance Plan") to the Department within 90 calendar days of permit issuance.
- 9. The Clearance Plan shall include the following:
 - a. Applicable portions of the Post Detonation Procedures identified in Part I.1 of the application.
 - b. An ODU boundary marker component to clearly and easily identify ODU treatment boundaries in the field for treatment participants (e.g., Range Tower observers) and clearance personnel, and procedures for maintaining and/or replacing damaged boundary markers.
 - c. Procedures for recording each detonation event's fallout relative to the established boundary markers including fallout outside of the unit boundaries.
 - d. An ODU Observation Log to record information after each open detonation event held within the ODU. The Observation Log shall include:
 - i. Instructions and a form for recording the information.
 - ii. Procedures for documenting the approximate elevation of the detonation emissions, estimated direction of detonation emissions and distances of the detonation residue fall-out both on and off the designated ODU boundary.
 - iii. Identification of debris and residues resulting from the detonation both on and off the designated ODU boundary.
 - iv. Documentation that the ODU and any adjacent, impacted area are cleared of debris and residues.
 - v. Documentation of any damage to the ODU or ground-water monitoring wells (e.g., berms, run-off controls, OBU boundary markers, etc.) and immediate or longer-term corrective actions to repair the damage. The OD unit shall be returned to design specifications prior to the next

- detonation event.
- vi. Documentation of management procedures and destination location(s) for debris and/or contaminated media removed from the ODU if material potentially presenting an explosive hazard (MPPEH), Low-Level Radioactive Materials (LLRM), or RCRA materials are suspected or identified.
- vii. Printed name and signature of person responsible for the accuracy of the Observation Log with date.

Operation

10. The Permittee shall maintain compliance with the environmental performance requirements of 40 CFR 264.601 at all times.
11. The Permittee shall maintain the facility to minimize the possibility of fire, unplanned explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment, in accordance with 40 CFR 264.31 and 40 CFR 264.601.
12. The Permittee shall provide adequate fire protection to assure confinement and control of any fire resulting from the operation of the ODU.
13. The Permittee shall not use the ODU for training or for emergency detonation or thermal treatment of certain hazardous waste per Rule 62-730.320, F.A.C.
14. The Permittee shall maintain an operating record describing the ODU activities. The record shall include the following information:
 - a. Description and quantity of each hazardous waste treated at the unit;
 - b. Dates of its treatment;
 - c. Date and time of any instances in which unburned waste is retreated;
 - d. Summary reports and details of all incidents that require implementation of the contingency plan at the unit;
 - e. Weather conditions to include humidity, weather forecast, wind speed and wind direction at each event; and
 - f. Details of any problems discovered during inspections conducted and details of remedial actions taken.
15. The Permittee is allowed to thermally treat explosive materials by open detonation only on Range C-62. Hazardous waste codes that may be thermally treated shall only be reactive (D003) and reactive hazardous waste that are also toxic for barium (D005), 2,4-dinitrotoluene (D030) or lead (D008).
16. Open detonation shall not exceed 3,000 lbs. Net Explosive Weight (NEW).
17. Open detonation treatment shall not take place under the following conditions:
 - a. If meteorological authorities are predicting inversions, low cloud cover or other unfavorable weather conditions within 24-hours prior to or during planned open detonation events.
 - b. During periods of reduced visibility, i.e., if treatment cannot be observed at a

minimum of 2,500 ft from the ODU prior to treatment initiation as specified in EOD FOI 32-3001.

- c. When wind velocity is less than 3 mph or greater than 15 mph.
 - d. If there is a forecast for a major storm or lightning within five (5) nautical miles.
 - e. During precipitation.
 - f. Until ½ hour after sunrise.
 - g. After ½ hour prior to official sunset.
18. The ODU treatment shall only be performed by Explosive Ordnance Disposal (EOD) personnel in accordance with the permit application and the conditions of this Permit.
19. EOD personnel must withdraw to a minimum distance of 2,500 ft from the ODU before initiating treatment, as specified in EOD FOI 32-3001 (included as part of the Contingency Plan in Appendix B of the application).

Post-Open Detonation Procedures

20. At the conclusion of each open detonation, the EOD personnel shall visually inspect fragments to determine if energetic residue remains. Fragments containing energetic residue shall be detonated in place.
21. All non-explosive scrap metal produced during the open detonation shall be collected and disposed of or recycled.
22. Once approved, the Post-Treatment ODU Clearance Plan ("Clearance Plan") must be implemented after each open detonation.

Part II Subpart C.1 – Closure Conditions

1. The Permittee shall close the former Open Burn Unit and current Open Detonation Unit on active bombing Range C-62, and the former ODU located on active bombing Range C-52N in a manner that minimizes or eliminates, to the extent necessary to protect human health and the environment, postclosure escape of hazardous waste, hazardous waste constituents, hazardous waste decomposition products, contaminated leachate or run-off to the groundwater, surface waters, or to the atmosphere (40 CFR Part 264.111).
2. The Permittee shall have a written Closure Plan as required by 40 CFR 264.112(a). The Closure Plan and all revisions to the plan must be kept at the facility until closure is completed, certified in accordance with 40 CFR 264.115, and accepted by the Department.
3. Modifications to the approved Closure Plan shall be in accordance with the requirements of 40 CFR 264.112(c) and Rule 62-730.290, F.A.C.
4. The Permittee shall notify the Department within seven calendar days of any determination that actions undertaken as part of closure or associated monitoring

programs no longer satisfy the requirements set forth in this permit. If the Department determines that a modification of the permit is required, the Permittee shall, within 60 calendar days of notice by the Department, submit an application for a permit modification in accordance with Part II.C.3.

5. Within 90 days after receiving the final volume of hazardous waste or upon notification by the Department that closure of a unit is required, the owner or operator must treat or remove from the unit all hazardous waste.
6. The Permittee shall complete closure activities within 180 days after notification to the Department of closure and in accordance with the closure schedule in the permit application. Any changes in the time allowed for closure activities or reporting requirements shall require prior written Department approval. At least 30 calendar days prior to initiating physical closure activities, the Permittee shall prepare and submit a Closure Activities Report.
 - a. The Closure Activities Report will be in columnar format (*i.e.* a table or spreadsheet) with columns for "closure activity," "schedule date," and "completed date."
 - b. The Closure Activities Report shall be maintained and updated by the Permittee throughout the closure period, with copies submitted monthly to the Department, unless an alternate submittal schedule is approved by the Department in writing. Each report must be submitted to the Department by the tenth day of each month for the preceding month until the acceptance of physical closure by the Department. These reports can be submitted electronically.
 - c. Any deviation from the schedule or described tasks shall be fully documented in the Closure Activities Report.
7. The Permittee shall notify the Department 45 days prior to the date on which the Permittee expects to begin partial or final closure of a unit(s).
8. The Permittee shall properly decontaminate or dispose of all equipment, structures, and residues used during or resulting from the closure activities.
9. The Permittee shall manage all hazardous wastes, residues, sludges, spilled or leaked waste, or contaminated liquids and soils removed during closure of the unit(s) in accordance with the applicable provisions of 40 CFR Parts 260 through 268, including the manifest requirements. A copy of each manifest required as a result of closure activities shall be submitted to the Department with the Closure Certification.
10. The Permittee shall provide opportunities for site inspections by the Department by informing the Department at least seven days in advance of any major physical closure activity (e.g., unit decontamination or removal, cap installation, soil sampling, soil removal, etc.).
11. Within 30 days of determining that all contaminated soil cannot be practically removed or decontaminated, the Permittee shall notify the Department of such determination. Within 90 days of the determination the Permittee shall submit an application for permit modifications to close the facility as a landfill (land disposal

- unit) and perform postclosure care as required by 40 CFR 264.
12. Within 60 calendar days of the completion of closure, the Permittee shall submit to the Department, by certified mail or hand delivery, a Closure Certification Report signed by the Permittee and an independent Professional Engineer registered in the State of Florida, stating that the unit has been closed in compliance with the Closure Plan and the conditions of this permit. The Closure Certification must be based on the Professional Engineer's own observation and knowledge of the closure activities. The Closure Certification Report must include, but not be limited to the following:
- Environmental sampling data to verify closure activities.
 - Decontamination data.
 - Copies of manifests or other appropriate shipping documents for removal of all hazardous wastes and all contaminated residues.
 - A description of final closure activities.
 - A final Closure Activities Report (Condition II.C.6 of this Subpart).
13. Within 30 calendar days of submitting a Closure Certification Report for a land disposal unit, including a land disposal unit identified under Part II.C.11, the Permittee shall submit to the Department and to the local zoning authority, or the authority with jurisdiction over local land use, a survey plat indicating the type, location, and quantity of hazardous wastes disposed of within the unit with respect to permanently surveyed benchmarks in accordance with 40 CFR 264.116. For hazardous wastes disposed of before January 12, 1981 the owner or operator must identify the type, location, and quantity of the hazardous wastes to the best of the Permittee's knowledge and in accordance with any existing records. This notice is in addition to the requirement to execute a formal land use control (e.g., a restrictive covenant) in order to obtain a site rehabilitation completion order based on restricted exposure risk assumptions under Chapter 62-780, F.A.C.

PART II SUBPART C.2 – SPECIFIC CLOSURE CONDITIONS

1. Closure of all Subpart X Units at C-52N and C-62 shall occur in conjunction with closure of each target area. Physical closure shall be in accordance with 40 CFR Part 264 Subparts G and 40 CFR Part 264.603 or under Hazardous and Solid Waste Amendments (HSWA) corrective action in lieu of 40 CFR Part 264 Subparts G and 40 CFR Part 264.603 at the time of closure.

PART III – POSTCLOSURE CONDITIONS

1. Not applicable at this time

PART IV – ENVIRONMENTAL MONITORING CONDITIONS

Part IV Subpart A – General Environmental Monitoring Conditions

1. Environmental monitoring is performed to conduct detection monitoring, ensure that the extent of contamination remains delineated, or to track the progress of corrective action.

Monitoring is a dynamic activity and decisions on future actions are dependent upon prior results and site-specific conditions. The ability to alter a monitoring plan based on results and site-specific conditions is essential to a comprehensive and efficient monitoring program. Changes to the Environmental Monitoring Plan (EMP) conditions that follow can be made with written Department approval and will not require a permit modification. The Permittee shall continue to implement the approved EMPs.

2. Part IV.A.3 identifies the required elements of a comprehensive EMP. An EMP is comprised of both relatively static and more frequently changing components. EMP components that may frequently change are described in Part IV.A.11 and are to be reported in Environmental Monitoring Reports (EMRs); the most current EMR represents the most current EMP. The Permittee shall ensure that all remaining EMP components are included in the EMR or clearly identified and referenced in the EMR. Note that some items may be more dynamic in nature on a site-specific basis, *e.g.*, some items in Part IV.A.3.e.
3. The EMP must address all environmental media as necessary, including groundwater, sediment, soil, and surface water. The EMP, including future revisions, must include the following elements at a minimum. Facilities with a monitoring program in place, but lacking a provision below, will submit identified provisions within 60 days of notification by the Department, or in the next Environmental Monitoring Report as directed.
 - a. The EMP shall include a map(s) showing all contaminated sites, any SWMUs and AOCs in detection monitoring, and associated monitoring wells and piezometers (including recovery or extraction, point of compliance, Temporary Point of Compliance, and background wells), surface water features pertinent to the contaminated site and surface water sampling locations, and any areas subject to soil or sediment sampling. Contaminated sites are the SWMUs and AOCs listed in Appendices A.2, A.3, and A.4.
 - b. A map(s) showing all SWMUs and AOCs shall be submitted to the Department and incorporated by reference into the EMP. The map shall be updated within 60 days of the discovery of a new SWMU or AOC (Part V.A.1.b.).
 - c. Well construction information for each well and piezometer in the EMP shall be submitted to the Department and incorporated by reference into the EMP. Well construction information shall also be submitted in an electronic format (*e.g.*, spreadsheet) for inclusion in the Department's Water Assurance Compliance System (WACS) database (or its successor). Location of each well or piezometer shall be provided in latitude and longitude. Information on new wells and piezometers shall be submitted within 30 days of installation.
 - d. The EMP shall include a table or tables listing all wells and piezometers to be sampled (or potentially sampled based on results) or measured, surface water sampling locations, and soil or sediment sampling locations (or methods for choosing locations such as grid-based) and the following information for each:
 - i. Well or piezometer depth, screened interval, surveyed ground surface elevation and surveyed top of casing elevation; surface water sampling depth(s), and soil and sediment sampling intervals.

- ii. The regulatory status of each well or piezometer, such as assessment, extraction or recovery, point of compliance, Temporary Point of Compliance, or background well.
 - iii. The frequency of sampling for each location (in all media), such as annual, semiannual, bi-annual, not currently sampled.
 - iv. Wells where groundwater level elevations will be measured (but not sampled).
 - v. Contaminants of concern to be sampled.
 - e. The EMP shall include the following information concerning quality assurance and the laboratory practices:
 - i. A statement that all sampling and analysis activities will comply with Rule 62-160.110(5), F.A.C.
 - ii. A statement that all analyses will be conducted by a laboratory accredited by the National Environmental Laboratory Accreditation Program (NELAP) and certified by the Florida Department of Health.
 - iii. A table of proposed constituents, matrices, and analytical methods.
 - iv. A table of proposed purging and sampling methods.
 - v. A statement that all records of monitoring information shall include all required items in Chapter 62-160, F.A.C., and Part I.13.c.
 - vi. A statement that all laboratory data will be submitted using the ADaPT quality assurance software.
 - vii. A statement that the sampling crew will follow the Department's most recent Standard Operating Procedures (SOPs) or other sampling program approved pursuant to Chapter 62-160, F.A.C.
 - f. The EMP must describe how investigation derived wastes will be managed.
 - g. The EMP shall include provisions for maintaining well integrity (well repair and redevelopment) and well security including locks for each well. The Permittee may demonstrate that facility security provisions negate the need for locks at a well(s), subject to Department written approval. All wells beyond the facility property boundary must be kept secure and locked when unattended.
 - h. The EMP shall include a schedule for periodic submission of Environmental Monitoring Reports.
4. Wells used as part of an approved EMP may be abandoned with Department approval. The Permittee shall abandon wells in accordance with the requirements of Subsection 62-532.500(5), F.A.C.
5. The Permittee shall measure groundwater elevations every time any well is sampled as part of the approved EMP. All groundwater elevations must be measured within the same 24-hour period and prior to the sampling event. These data shall be used to determine the horizontal and vertical groundwater flow direction and flow rate for each monitoring period.
6. Total depths of all sampled wells must be determined by physical measurement to the closest 0.01-foot increment annually to determine if siltation has occurred in any well. Wells are to be redeveloped as necessary.

7. The Permittee shall provide the Department with opportunities to observe groundwater sampling and split samples by providing notification either by telephone, letter, or electronically at least seven calendar days prior to each sampling event.
8. In the event a well is damaged and requires repair (not maintenance), the well shall be repaired or replaced within 30 days, or before the next sampling event, whichever occurs first.
9. All groundwater analyses shall be performed on unfiltered groundwater samples. Analyses on filtered samples may be performed by the facility, but only for its own use, unless shown to be more representative of groundwater conditions [Subsection 62-520.310(5), F.A.C.].
10. All laboratory data will be submitted using the ADaPT quality assurance software. All laboratory datasheets shall be submitted only in electronic format. ADaPT files shall accompany the electronic copy of the EMP, and shall be included in a separate folder labeled ADaPT files. The folder will contain a single Laboratory electronic data deliverable (EDD), a Field EDD, and a copy of the error log that contains all data covered by the Report. Additional information on ADaPT is available at the Department's website: <http://www.dep.state.fl.us>.
11. The Permittee shall submit Environmental Monitoring Reports (EMR) in accordance with the schedule in the approved EMP. This report can be submitted in a combined document with any Remedial Action Status Report required in Part VI of this permit. The EMR should contain the following elements:
 - a. A map showing all contaminated sites and associated monitoring wells and piezometers (including recovery or extraction, point of compliance, Temporary Point of Compliance, and background wells), surface water features pertinent to the contaminated site and surface water sampling locations, and any areas subject to soil or sediment sampling (*i.e.*, Part IV.A.3.a.).
 - b. Reports of any necessary repairs or redevelopment of the wells since the last report.
 - c. Maps of groundwater flow direction(s) and plume delineation(s) (if any) on a scaled site map(s) illustrating the degree and extent of groundwater contamination using sufficient isoconcentration lines (Subparagraph 62-780.600(8)(a)(28), F.A.C.), and tables of groundwater elevation and water chemistry data.
 - d. An analysis and evaluation of the current analytical results, including maps, figures, graphs and tables.
 - e. Field sampling logs and associated notes, calibration logs for field equipment, and chain of custody forms.
 - f. Laboratory analytical data sheets for the sampling event(s) (electronic copy only).
 - g. An analysis and evaluation of the comprehensive effectiveness of the environmental monitoring program including recommendations to enhance and refine the EMP (*e.g.*, the addition or deletion of wells from the plan, changes in sampling frequency at a well, or changes in contaminants of concern).
 - h. An updated table(s) containing the information in Part IV.A.3.d. The table shall also indicate the recommendations made in Part IV.A.11.g.

- i. ADaPT quality assurance electronic files per Part IV.A.10.

Part IV Subpart B – Specific Monitoring Conditions

1. The Permittee shall provide written notice to the Department at least seven (7) days prior to performing field activities such as interim source removal activities, installing monitoring or recovery well(s), performing sampling, installing remediation equipment, or installing an engineering control as required by Subsection 62-780.220(1), F.A.C.
2. The Permittee shall provide written notice to the Department at least thirty (30) days prior to a change in environmental consultants and laboratories. Such changes may require the submittal of a revised Sampling and Analysis Plan and/or other portions of the application in accordance with modification procedures in Part I.22 of this permit.
3. The Permittee may submit all laboratory data using quality assurance software other than ADaPT if approved by the Department.

Part IV Subpart C – Specific Environmental Monitoring Requirements for the Open Detonation Unit at C-62

1. At the time of permit issuance, the Permittee is in the Compliance Monitoring Program required by 40 CFR 264.99.
2. The Waste Management Area (WMA) shall be the limit projected in the horizontal plane of the area on which waste will be placed during the active life of the ODU including space taken up by any berm or barrier designed to contain waste (40 CFR 264.95(b)).
3. The Point of Compliance (40 CFR Part 264.95) shall be the western, southern and eastern edge(s) of the Waste Management Area.
4. At the time of Permit issuance, the Point-of-Compliance (POC) wells shall be:
 - a. MW-94-62-02
 - b. MW-94-62-03
 - c. MW-94-62-04
 - d. MW-94-62-05
 - e. MW-2021-62-01A
 - f. MW-2021-62-06A
5. The shallow surficial aquifer background monitoring well shall be MW-94-62-01.
6. If groundwater elevations indicate a change in groundwater flow direction of the surficial or any other affected aquifer, the Department may require the installation of additional monitoring wells and revisions to the groundwater monitoring program.
7. The length of the Compliance Period (40 CFR Part 264.96) is the number of years equal to the active life of the C-62 Open Detonation Unit including any waste management activity prior to permitting (July 1, 1973), and the closure period (to be determined). The compliance period begins when the Permittee initiates a compliance monitoring program meeting the requirements of 40 CFR Part 264.99, i.e., upon permit issuance.

8. Upon permit issuance, the default, routine groundwater monitoring wells for the semiannual monitoring events in February/March and August/September shall be:
 - a. Background monitoring well MW-94-62-01
 - b. Point-of-Compliance (POC) wells
 - c. Assessment wells:
 - i. MW-2021-62-04B
 - ii. MW-2021-62-05B
 - iii. MW-2021-62-02A
 - iv. MW-2021-62-03A

No later than two weeks prior to each monitoring event, the Permittee may submit a modified list of wells to the Department, for the next monitoring event, based upon previous groundwater monitoring data and long-term groundwater quality trends. Upon written Department approval, the modified list of wells may be sampled for the next event.

9. Environmental Monitoring Reports for the February/March semiannual monitoring events shall be submitted to the Department no later than May 30 of each year and for the August/September semiannual monitoring events shall be submitted to the Department no later than November 30 of each year.
10. The February/March 2022 environmental sampling event shall include:
 - a. All wells: pH, TDS, turbidity, dissolved oxygen, ORP, specific conductivity, and temperature.
 - b. Background and POC and assessment wells for
 - i. EPA Method 6850
 - ii. EPA Method 6010 metals
 - c. Assessment wells for:
 - i. EPA Method 8330A
 - ii. EPA Method 6850
 - iii. EPA Method 6010 metals
 - iv. EPA Method 300
 - d. Surface water/porewater sampling along the Western Branch and the Eastern Branch at the 9 co-located locations identified in the Draft Final Range C-62 Plume Delineation Site Assessment Report, Open Detonation Range C-62, Eglin Air Force Base, September 2021. The porewater samples shall be analyzed for RDX and perchlorate. The surface water samples shall be analyzed for RDX, perchlorate, and hardness.
 - e. Surface water sampling at the confluence of the Western and Eastern branches. The surface water shall be sampled for RDX, perchlorate, and hardness.
11. The report for the February/March 2022 environmental sampling shall:
 - a. Be submitted to the Department by May 30, 2022.

- b. Propose additional locations (and depths for wells and/or piezometers) to continue assessment in groundwater, pore water and surface water.
 - c. Propose sediment sampling locations, if needed.
 - d. Propose existing and proposed well, pore water and surface water locations for environmental sampling in August/September 2022.
12. The report for the August/September 2022 environmental sampling shall:
 - a. Be submitted to the Department by November 30, 2022.
 - b. Propose additional locations (and depths for wells and/or piezometers) to continue assessment in groundwater, pore water and surface water.
 - c. Propose sediment sampling locations, if needed.
 - d. Propose existing and proposed well, pore water and surface water locations for environmental sampling in February/March 2023.
13. The Permittee shall continue semi-annual environmental monitoring in accordance with this permit until the final SAP is approved. Each environmental sampling report shall propose sampling for the next event until the final SAP is approved.
14. The Permittee shall submit, to the Department, a Remedial Action Plan (RAP) modification in accordance with Chapters 62-730 and 62-780, F.A.C. that includes a groundwater monitoring plan that meets the requirements of 40 CFR Part 264.100 for the ODU upon completion of environmental assessment.
15. Prior to submittal of the operating permit renewal required by General Condition Part I.22, the Permittee shall, in conjunction with the Department, evaluate whether or not additional sampling is necessary to determine if any changes to the environmental monitoring plan may be required so that the changes can be proposed in the renewal.

Part IV Subpart D – Cleanup Target Levels (CTLs)

1. Final CTLs at each site are designated at the time a final remedy is approved in accordance with 62-730.225(b), F.A.C. For final remedies approved after issuance of this permit, the Permittee shall submit a permit modification per 62-730.290(1)(a), F.A.C., to update the final remedy with any new CTLs.
2. Where the PQL for a particular contaminant is greater than a calculated health-based protective concentration, the Permittee shall provide supporting documentation to request use of the PQL to serve as CTL. The Department will review and must approve prior to use. The PQL is the lowest level that can be reliably measured during routine laboratory operating conditions within specified limits of precision and accuracy. PQLs only represent final CTLs when analytical methods do not become more sensitive prior to completion of site rehabilitation. Where laboratory methods become more sensitive (to more closely approach or achieve the health-based CTL), the EMP must be modified according to General Condition I.22. The PQL is listed below if the Contaminant of Concern (COC) does not have a Groundwater Cleanup Target Level (GCTL).
3. Ground-water Protection Standard (GWPS) per 40 CFR Part 264.92

CAS #	Contaminant of Concern	GWPS (µg/L)	GCTL**	PQL (µg/L)
35572-78-2	2-amino-4, 6-dinitrotoluene	0.11*	none	0.11*
19406-51-0	4-amino-2, 6-dinitrotoluene	0.15*	none	0.15*
99-65-0	1,3-dinitrobenzene	0.7	0.7	
121-14-2	2,4-dinitrotoluene	0.6	0.6	
606-20-2	2,6-dinitrotoluene	0.2	0.2	
88-72-2	2-nitrotoluene	70	70	
99-08-1	3-nitrotoluene	140	140	
99-99-0	4-nitrotoluene	70	70	
99-35-4	1,3,5-trinitrobenzene	210	210	
118-96-7	2,4,6-trinitrotoluene	10	10	
71-43-2	benzene	1	1	
108-88-3	toluene	40	40	
100-41-4	ethylbenzene	30	30	
1330-20-7	xylenes	20	20	
2691-41-0	HMX	350	350	
121-82-4	RDX	10	0.3	
14797-55-8	nitrate	10,000	10,000	
14797-65-0	nitrite	1,000	1,000	
14797-73-0	perchlorate	4	4	
7429-90-5	aluminum	200	200	
7439-89-6	iron	300	300	
7440-62-2	vanadium	49	49	

* PQL is from Eglin's August 2020 Environmental Monitoring Report using EPA Method 8330. The PQLs listed above are considered routinely achievable but may differ slightly between laboratories and individual sampling events.

** GCTL = Groundwater Cleanup Target Leve per Chapter 62-777, F.A.C.

4. Surface Water Cleanup Target Levels

CAS #	Contaminant of Concern	SWCTL* (µg/L)
35572-78-2	2-amino-4, 6-dinitrotoluene	none
19406-51-0	4-amino-2, 6-dinitrotoluene	none
99-65-0	1,3-dinitrobenzene	72
121-14-2	2,4-dinitrotoluene	9.1
606-20-2	2,6-dinitrotoluene	0.7
88-72-2	2-nitrotoluene	380
99-08-1	3-nitrotoluene	550

99-99-0	4-nitrotoluene	550
99-35-4	1,3,5-trinitrobenzene	19
118-96-7	2,4,6-trinitrotoluene	49
71-43-2	benzene	71.28
108-88-3	toluene	480
100-41-4	ethylbenzene	610
1330-20-7	xylene	370
2691-41-0	HMX	1,300
121-82-4	RDX	180
14797-55-8	nitrate	**
14797-65-0	nitrite	**
14797-73-0	perchlorate	none
7429-90-5	aluminum	13
7439-89-6	iron	1,000
7440-62-2	vanadium	none

* Chapter 62-777, F.A.C.

** In accordance with Paragraph 62-302.530(48)(b), F.A.C., in no case shall nutrient concentrations of a body of water be altered so as to cause an imbalance in natural populations of aquatic flora and fauna.

Part IV Subpart E – Assessment

1. The Department is currently reviewing *Draft Final Range C-62 Plume Delineation Site Assessment Report, Open Detonation Range C-62, Eglin Air Force Base*, dated September 2021. The Permittee shall complete groundwater, surface water, sediment and porewater assessment in accordance with Specific Conditions Part II Subpart B.7 and Part IV Subpart C of this permit.
2. The Permittee shall complete soil assessment in accordance with the Specific Conditions Part II Subpart B.7 of this permit.

PART V – CORRECTIVE (REMEDIAL) ACTION CONDITIONS

Part V Subpart A – General Corrective Action Conditions

1. The Conditions of this Part apply to the following:
 - a. The SWMUs and AOCs identified in Appendix A.
 - b. Any additional SWMUs or AOCs discovered during the course of groundwater monitoring, field investigations, environmental audits, or other means. As used in this Part, the terms “discover”, “discovery”, or “discovered” refer to the following:
 - (1) The date the Permittee visually observes evidence of a new SWMU or AOC.
 - (2) The date the Permittee visually observes evidence of a previously unidentified release of contaminant(s) to the environment.

- (3) The date the Permittee receives information from a credible source of the presence of a new release of contaminant(s) to the environment.
 - c. Contamination that has migrated beyond the facility boundary, if applicable.
 2. The Permittee shall comply with the notification requirements for the discovery of a new SWMU in Part I.12.c.
 3. Upon notification by the Department, the Permittee shall prepare and submit a Confirmatory Sampling (CS) Work Plan for known, suspected, or newly discovered sites. The Work Plan shall be submitted within 60 calendar days of notification by the Department unless the notification letter establishes a different time frame.
 - a. The CS Work Plan shall include schedules for implementation and completion of specific actions necessary to determine whether or not contamination has occurred in any potentially affected media. In order to partly or wholly satisfy the CS requirement, previously existing data may be submitted with the work plan for the Department's consideration.
 - b. In accordance with the schedule in the approved CS Work Plan, or no later than 60 calendar days after Department's written approval of a CS Work Plan, the Permittee shall submit a Confirmatory Sampling Report identifying those sites that are contaminated and those sites that are not contaminated. The CS Report shall include an analysis of the analytical data to support all determinations. Based on the results of the CS Report, the Department will determine the need for further investigation at sites covered in the CS Report and notify the Permittee in writing.
 4. De Minimis discharge is a release of a contaminant(s) that is removed from the soil, sediment, surface water, and groundwater to cleanup target levels or Department approved site-specific background concentrations within 30 days of discovery of the release. If the Permittee intends to treat a discharge under the De Minimis discharge provision of Rule 62-780.550 or Rule 62-780.560 F.A.C., the Permittee must meet the notification requirements of Part I.12.c, and inform the Department's RCRA Manager that a De Minimis action is underway. A De Minimis Remediation Report must be submitted to the Department within 90 days of discovery of the release. The report must include a description of all actions taken in response to the discharge and the information required by the Interim Source Removal Report pursuant to Subsection 62-780.500(6)(a), F.A.C.
 5. If contamination is confirmed by the Confirmatory Sampling Report, the Department will notify the Permittee to commence site rehabilitation in accordance with Rule 62-730.225 and Chapter 62-780, F.A.C., for all SWMUs and/or AOCs ("contaminated sites") identified in the notification. The Permittee shall commence and complete site assessment in the manner and within the time limits set forth in Rule 62-780.600, F.A.C., unless the notification letter specifically establishes a different time frame to commence or complete site assessment. An alternative schedule can be implemented with written Department approval.

6. The Permittee shall conduct Emergency Response Actions in accordance with Rules 62-730.225 and 62-780.500, F.A.C. The Permittee may, or upon notification by the Department, shall conduct an Interim Source Removal action in accordance with Rules 62-730.225 and 62-780.500 F.A.C. for any release, SWMUs, or AOCs determined necessary to minimize or prevent further migration of contaminants or to limit human or environmental exposure to contaminants.
7. If the Department or the Permittee at any time determines that any approved work plan no longer satisfies the requirements of Rule 62-730.225 or Chapter 62-780, F.A.C. or this permit for prior or continuing releases of contaminant(s) to the environment, the Permittee shall submit an amended work plan to the Department within 60 calendar days of such determination.

Part V Subpart B – Specific Corrective Action Conditions

1. The Permittee is conducting HSWA corrective action under an approved Corrective Action Management Plan (CAMP) or other document schedule as approved by the FDEP Federal Programs Section Installation Project Manager. The CAMP/schedule oversight is deferred to the Department's Federal Programs Section. The Permittee shall perform the agreed upon activities and comply with the approved schedule(s). The CAMP/schedule may be revised with Department approval.

PART VI – REMEDY SELECTION AND IMPLEMENTATION

Part VI Subpart A – General Remedy Selection and Implementation Conditions

1. Within 90 calendar days of Department approval of a Site Assessment Report or Site Assessment Report Addendum the Permittee shall submit a Remedial Action Plan developed in accordance with Chapters 62-780 and 62-730, F.A.C. Remedial Action Plans may be performance based, including remediation options to be implemented based on changing conditions at the site.
2. The Permittee shall apply for a permit modification in accordance with Part I.22. of this permit within 30 days of a Department approved final remedy unless an alternative permit modification schedule has been approved by the Department. Final approval of remedial action which is achieved through interim measures shall be in accordance with this condition.
3. The Remedial Action Plan shall include a provision for the Permittee to submit periodic Remedial Action Status Reports in accordance with Subsection 62-780.700(12), F.A.C. The intent to implement a different approved remedy in a performance based Remedial Action Plan can be provided in the Remedial Action Status Report. Proposals to modify a previously approved remedy in a performance based Remedial Action Plan can be provided in the Remedial Action Status Report and implemented with written Department approval. The Remedial Action Status Reports may be combined with any Environmental Monitoring Report required by Part IV.
4. When site rehabilitation (remedial action) is complete, the Permittee shall submit to the Department a Site Rehabilitation Completion Report in accordance with Subsection 62-

780.750(6), F.A.C. Site Rehabilitation Completion Reports can be part of a combined document with the Remedial Action Status Report.

5. For site rehabilitation involving the cleanup of groundwater contaminated by a release from a designated regulated unit, the Permittee must demonstrate that the concentration of constituents of concern remain below cleanup goals for three consecutive years after active remediation has ceased as per 40 CFR 264.100(f).
6. When appropriate, the Department will approve completion of site rehabilitation by inclusion in a permit renewal, permit modification, or separate Site Rehabilitation Completion Order.
7. The Department's RCRA corrective action program can defer cleanup requirements and activities to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, 42 U.S.C. §§ 9601-9675) program with the expectation that no further cleanup will be required under the RCRA corrective action program, so long as Permittee completes cleanup under CERCLA in a timely manner, consistent with any selected CERCLA response after review and comment by the Department; as long as Rule 62-780.680, F.A.C. {No Further Action and No Further Action with Controls} options are achieved, if Rule 62-780.680, F.A.C., is applicable to the CERCLA response. Appendix B contains sites that are currently being assessed under CERCLA. Complying with the equivalent CERCLA corrective action schedule between the Department and Eglin Air Force Base for document submittals and activity completion shall be considered as satisfying the RCRA corrective action program requirements.

Part VI Subpart B – Selected Remedies

1. Selected remedies for individual SWMUs and AOCs are detailed in the Sites Status Report (SSR) dated February 2021 maintained by the Permittee and overseen by the Department's Federal Facilities Program. The SSR contains information on all HSWA Corrective Action SWMUs and AOCs.
2. The Permittee may modify the previously approved remedial technologies in accordance with the modification procedures in General Condition Part I.22. Modification must be signed and sealed by a Professional Engineer or Professional Geologist.
3. The Permittee is responsible for implementing, monitoring, maintaining, reporting upon and enforcing the remedies under this permit, including Land Use Controls (LUC).

APPENDIX A - SUMMARY OF FACILITY SITES - SOLID WASTE MANAGEMENT UNITS (SWMUs) AND AREAS OF CONCERN (AOCs)

A.1 List of SWMUs / AOCs requiring Confirmatory Sampling				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and	Dates of Operation	Potentially Affected Media

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

		Basis for Determination		
There are no units identified as requiring Confirmatory Sampling at this time pursuant to this permit.				

A.2 List of SWMUs / AOCs requiring a Site Assessment (a/k/a RCRA Facility Investigation [RFI]) or a Risk Assessment				
SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and Basis for Determination	Dates of Operation	Potentially Affected Media
SS-284	CV-22 Crash Site	Approximately 1500 gallons of JP-10 fuel released as a result of aircraft crash	June 2012	Soil, groundwater
SS-285	Abandoned Fuel Transfer Line	Historical release of fuel from an abandoned-in-place Main Base fuel line	Abandoned in middle 1990s	Soil, groundwater
SS-286	McKinley Climatic Lab Fire Site	Suspect Methylene Chloride release	July 5, 2017	Soil, groundwater
AOC-214	Eglin Housing Pod #4A west, #4B (former New Plew) and Pod #1, #4A east and community center (former Western Old Plew)	Excavated chlordane, heptachlor & heptachlor epoxide from legally-applied pesticide treatment	1972/1968	Soil
AOC-215	Eglin Housing Pod #5 (former Eastern Old Plew)	Excavated chlordane, heptachlor & heptachlor epoxide from legally-applied pesticide treatment	1968	Soil
AOC-216	Eglin Housing – (former Wherry) Parcel B	Excavated dieldrin from legally- applied pesticide treatment	1951-	Soil

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

AOC-217	Eglin Housing-Pod #7 (existing Capehart) Parcel B	Excavated pesticides from legally-applied pesticide treatment	1957-	Soil
XU654	Legacy Bay Ranges 61	Potential munitions	1944-1951	

A.3 List of SWMUs / AOCs requiring a Remedial Action Plan or Natural Attenuation with Monitoring Plan (a/k/a RCRA Corrective Measures Study [CMS])

SWMU/AOC Number/Letter	SWMU/AOC Name	SWMU/AOC Comment and Basis for Determination	Dates of Operation	Potentially Affected Media

There are no units identified at this time requiring a Remedial Action Plan or a Natural Attenuation with Monitoring Plan.

A.4 List of SWMUs / AOCs implementing a Remedial Action Plan or Natural Attenuation Monitoring Plan (a/k/a Corrective Measures Implementation)

SWMU/AOC Number/Letter	SWMU/AOC Name
FT-28	Eglin Main Base Old Fire Training Area
SS-01	Radar Site A-20 (formerly AOC-21)
LF-03	Eglin Main Landfill (D1)
LF-05	Eglin Main Landfill (D3)
LF-51	Upper Memorial Lake Landfill (formerly AOC-28)
ST-69	Bldg. 3073, Waste Oil Tank (formerly AOC-38, AOC-45, POI-333)
SS-86	Exterior Electric Ship/Entomology Shop (formerly AOC-86, AOC-109, DP-97)
DP-257	Post 1 Lake Prison Camp Drum Disposal Area (formerly POI-341)
DP-268	Eglin Main Base POL Debris Pile (formerly POI-394)
SS-283	JP-8 Spill Site
OT-35	Seventh Street BX Station1 (formerly AOC-25, AOC-31)
SS-36	POL Tank Farm ¹
SS-275	ACC Tank Farm ^{1,10} (formerly ST-72 and ST-72B)

SS-279	Bldg. 945 Spill Site ¹
SS-280	33rd Valve Pit to Hot Pit Spill Site ¹
SS-281	Deep TCE Plume – 33rd Fighter Wing
ST-52	Gas Station and Motor Oil Storage (Building 673) ¹
ST-53	Building 745 Tank Farm ¹
ST-54	Waste Fuel Storage Tank (Bldg. 989) ¹ (formerly AOC-30)
ST-55A	Duke Field Tank Farm (Building 3206) ¹ (formerly AOC-26)
ST-55B	Duke Field Fuel Stand ¹

A.5 List of SWMUs / AOCs at which Site Rehabilitation Completion Determinations With Controls have been made	
SWMU/AOC Number/Letter	SWMU/AOC Name
LF-08	Receiver Area Landfill (D7)
DP-09	Mullet Creek Drum Disposal Area
LF-10	Field 2 North Landfill
SS-25	C-52A Herbicide Test Area
SS-26	Hardstand 7
OT-83	Cattle Dipping Vat – Pocosin Pond (formerly AOC-113)
DP-84	Jack Lake Limb Disposal Area (formerly AOC-69)
OT-100	Cattle Dipping Vat – Shoal River (Alias POI-300)
DP-261	Building No. 914 Dump Site (formerly AOC-311)
OT-262	Cattle Dipping Vat – Auxiliary Field 4 (formerly POI-336)
OT-263	Cattle Dipping Vat - Kepner Pond (formerly POI-387)
OT-264	Cattle Dipping Vat – RR 234/RR 678 (formerly POI-388)
OT-265	Cattle Dipping Vat – Owl's Head Branch (formerly POI-391)
OT-269	Cattle Dipping Vat – Cherry Branch (formerly POI-395)
OT-270	Cattle Dipping Vat – Malone Creek (formerly POI-396)
OT-271	Cattle Dipping Vat – Choctaw Field (formerly POI-398)
SS-278	Green Ponds Cattle Dipping Vat (formerly POI-508)
POI-523	Fast Cook-Off Spill Site

A.6 List of SWMUs / AOCs at which Site Rehabilitation Completion Determinations Without Controls have been made	
SWMU/AOC Number/Letter	SWMU/AOC Name
ST-56	6th Ranger Training Camp (Building 6005) ¹
ST-58	Military Gas Station ¹
ST-60	Post 1 Point Marina ¹
ST-61	Eglin Golf Course ¹
ST-62	Jackson Guard Complex ¹
ST-64	Aero Club (Building 68) ¹
ST-66	Building 1353, Tactical Air Command (T.A.C.) ¹ (formerly AOC-27)
ST-68	Special Operations Force Jet Fuel Facility
ST-70	Building 13421
ST-71A	West Gate AAFES Gas Station ¹
SS-110	Eglin Pipeline Spill Site, Pit 12 ¹
POI-553	OW-C563/OWS 3029/Building 3029 Maintenance Dock

A.7 List of SWMUs / AOCs where No Further Action Determinations have been made based on no suspected or confirmed contamination (i.e. not 'contaminated sites' as defined by 62-780 F.A.C.)	
SWMU/AOC Number/Letter	SWMU/AOC Name
SS-02	A-21 Radar Facility
LF-04	Eglin Main Landfill ¹¹
DP-06	Disposal Pit Near Skeet Range (D4)
DP-07	A-19 Drum Disposal Site (D5)
DP-11	Field 2 Drum Disposal Area
LF-12	Niceville/Valparaiso Landfill (D18) ²
LF-21	Wright Landfill ²
LF-22	A11A Disposal Site (D40)
SS-23 ⁹	DRMO Storage Yard (S2, AOC 29)
SS-24 ⁹	CE Storage Yard (S3)

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

FT-27	Duke Field Fire Train Area (renamed SS-274)
OT-29	Missile Maintenance Paint Stripper Pit
OT-30	Electric Battery Shop
OT-31	Paint Shop (IS3)
SS-32	HERD PCE Spill
SS-33	Base Auto Hobby Shop
SD-34	Motor Pool 1 (included in OT-35)
OT-38	Guided Weapon Evaluation Facility Mercury Site
RW-40	Test Area C-64 Test Arena and Former Drum Storage Site ^{3, 11, 14} (formerly AOC-40)
RW-41	Test Area C-74L3, 11, 14 (formerly AOC-41)
RW-42	LL/Drum Burial (A-15) ³
SS-45	Ground Air Transmitter (GAT) Site
DP-48	Welding/Electroplating Shop (IS4, POI-305)
ST-49	Building 5621
SD-50	Jet Engine Test Cell Oil/Water Separator Outfall1 (formerly AOC-48)
ST-57	C-80W ¹
ST-59	Ben's Lake Marina ¹
ST-63 ⁹	Waste Oil Receiver Yard (AOC 22)
ST-65	McKinley Climactic Laboratory (Bldg. 455) ¹
ST-67	Building 1346, Tactical Air Command (T.A.C.)1 (formerly AOC-16)
ST-71	Building 2586, AAFES West Gate Shopette ¹
ST-72	ACC Tank Farm ^{1, 10} (converted to SS-275)
ST-72A	ACC Tank Farm ¹
ST-72B	ACC Tank Farm ^{1, 10} (converted to SS-275)
SS-73	Waste Oil Receiver Yard, Building 552 ¹
SS-74	A-3 Officer's Beach Club ¹
SWMU-74	East Flight Line Drainage Ditch Northeast Section (alias AOC-74)
ST-75	NEAR Building 1346 ¹
ST-77	Building 2589 Water Tower, Well #7

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

ST-78	Building 10351 Water Tower, Well #9
ST-79	Building 10940 Water Tower, Well #10
ST-80	Bldg. 2830 Water Tower, Well No. 12
ST-81	Bldg. 2756 Water Tower, Well No. 16
OT-82	Aux. Field No. 4, Hardfill (formerly AOC-15)
SS-85	C-6 Radar Site
FT-87	Auxiliary Field No. 2 Fire Training Area ¹ (formerly AOC-100)
DP-88	Auxiliary Field No. 2 East Disposal Area (formerly AOC-97)
OT-89	Golf Course Maintenance Facility
SS-90	Nugget Oil Spill ¹
SS-91	Methylene Chloride Spill Climactic Lab ¹ (formerly AOC-23)
FT-92	Eglin Skeet Range and Fire Training Area (formerly AOC-3, AOC-90)
ST-93	Water Tower No. 379 (formerly POI-315)
ST-94	Water Tower No. 225-3 rd Street/Education Building (formerly POI-314)
LF-95	Holly Navarre Landfill ² (formerly AOC-49)
DP-96	Taxiway 9E Disposal Area (formerly AOC-110)
DP-97	Old Hobby Shop Near Bldg. 696 ¹² (formerly AOC-33)
SS-98	Pensacola F-16 Crash ¹
ST-99	Okaloosa County Air Terminal (OCAT) ^{1, 13}
ST-101	33 rd ACC Water Tower No. 1322 (formerly POI-321)
SS-102	Power Pro Equipment Storage Yard (formerly POI-308)
ST-103	EOD Water Tower No. 857 (Well #1) (formerly POI-313, 359)
SS-104	Eglin Pipeline Spill Site ¹ (alias AOC 103)
SS-105	Eglin Pipeline Spill Sites, Pit 1 (alias POI 375) ¹
SS-106	Eglin Pipeline Spill Sites, Pit 3 (alias POI 376) ¹
SS-107 ⁹	Eglin Pipeline Spill Site
SS-108 ⁹	Eglin Pipeline Spill Site
SS-109 ⁹	Eglin Pipeline Spill Site
SS-111	Eglin Pipeline Spill Sites, Pit 13 (alias POI 373) ¹

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

ST-112	Base OPS Generator Tank, Building 60 ¹
ST-113	Rapcon Building 104 ¹
ST-114	Airfield Lighting, Building 116 ¹
ST-115	Communications Receiver, Building 926 ¹
ST-116	Building 1391 ¹
ST-117	Duke Field Phone Exchange, Building 3065 ¹
ST-118	C-1 Tower, Building 8774 ¹
SS-119	Middle Fire Training Area ¹ (formerly POI-317)
ST-120	Plew Sewage Treatment, Building 2810
ST-251	Water Tower No. 2100 (formerly POI-361)
ST-252	Water Tower No. 3100 (formerly POI-362)
ST-253	Water Tower No. 5100 (formerly POI-363)
ST-254	Water Tower No. 6100 (formerly POI-364)
ST-255	Water Tower No. 7100 (formerly POI-365)
ST-256	Water Tower No. 8637E and 8637W (formerly POI-366, POI-367)
ST-258	Water Tower No. 8782 (formerly POI-368)
ST-259	Water Tower No. 12511 (formerly POI-369)
ST-260	Water Tower No. 1100 (formerly POI-360)
LF-266	Mills Dump Site/Encroachment Landfill
SS-267	F-15 Tornado Site
DP-273	C-80C Celotex Burial Site (formerly AOC-72, AOC-112)
SS-274	Duke Field Fire Train Area ^{1,8} (formerly FT-27)
ST-276	Bldg. 1360 Air Combat Command ¹
ST-277	AAFES Gas Station Duke Field
ST-282	West Gate Service Station
SWMU 601	CD Trench and Fill Site, alias SWMU #1
SWMU 602	Tire Burn Area, alias SWMU #2
SWMU 603	CD Borrow Pit, alias SWMU #3
AOC-01	Old Civil Engineering Salvage Yard

AOC-02	A-15 Former Power Plant Facility
AOC-04	C-52 Munitions Disposal ⁶ /Empty Drum Storage Area ³ (Alias POI-418)
AOC-05	Auxiliary Field No. 1 Landfill
AOC-06	OWSs, Jet Building 1352 Engine Maintenance
AOC-07	Auxiliary Field No. 6, Disposal Area ¹¹
AOC-08	Auxiliary Field No. 7 Landfill
AOC-09	Auxiliary Field No. 10, Hot Pit Refueling Area
AOC-10	Auxiliary Field No. 10 East Dump Site (Choctaw Field)
AOC-11	C.B. Lab Landfill
AOC-12	Bay Target Vessel ⁶
AOC-13	Old Asphalt Plant Site
AOC-14	Duke Field Sanitary Landfill (Alias POI-330)
AOC-24	C-52A Aerial Overspray Site
AOC-32	OWS, Building 1339
AOC-34	OWS, Building 1410
AOC-35	OWS, Building 138
AOC-36	OWS, Buildings 1398/1399
AOC-37	OWS, Building 686
AOC-39	OWS, Building 508
AOC-42	VORTAC Generator Spill Site ¹
AOC-43	BOMARC Launch Facility
AOC-44	OWS, Building 1354, Battery and Hydraulic Shop, ACC
AOC-50	Spray Field ⁵
AOC-51	Sewage Treatment Plant, Air Combat Command ⁵
AOC-52	Auxiliary Field No. 4 Sludge Disposal Site ⁵
AOC-53	Weekly Bayou Hardfill
AOC-54	Gulf Power Substation ⁷
AOC-55	Auxiliary Field No. 2 Herbicide Loading Site (Alias POI-338)
AOC-56	Aux. Field 10, South Dump Site (Choctaw Field) ⁷

AOC-57	D-55 Test Area Creosote Pilings
AOC-58	Wolf Creek Drum Disposal Site
AOC-59	Windham Tower Drum Disposal Site
AOC-60	Old Duke Field Sewage Treatment Plant
AOC-61	Auxiliary Field No. 2 Sewage Treatment Plant
AOC-62	Auxiliary Field No. 5 Sewage Treatment Plant
AOC-63	Isotope Burial Area, North of C-74 Complex ³ (Alias AOC-67)
AOC-64	Auxiliary Field No. 4 Fire Training Area
AOC-65	Fuel Spill, Building 101 ¹
AOC-67	C-74 Sled Track Burial Area ³ (Alias AOC-63)
AOC-68	A-22 Test Area ³
AOC-70	C-52 Test Area (Napalm Grid) ⁶
AOC-71	C-52 Test Area ⁶
AOC-73	Lightwood Knott Creek Borrow Pit/Hardfill
AOC-74	East Flightline Drainage Ditch, Northeast Section
AOC-75	Duke Field Flightline Drainage Ditch
AOC-76	Main Gate Transformer Leak Site
AOC-77	B-82 Munitions Test Area Disposal Site
AOC-78	Auxiliary Field No. 1 Northeast Landfill (Alias POI-331)
AOC-79	Auxiliary Field No. 4 Landfill
AOC-80	Test Area C-60 (Napalm Grid)
AOC-81	Lower Memorial Lake Burial Sites
AOC-82	A-15 Compound Disposal Area
AOC-83	C-52A Drum Disposal Area
AOC-85	A-15 Compound Fire Training Area
AOC-88	Hard Stand 8, Alternate Loading Area
AOC-89	Hard Stand 1, Neutralization Pit
AOC-91	Pocosin Pond ^{3, 11, 14}
AOC-92	Duke Field Hot Pit Refueling Site

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

AOC-93	Munitions Disposal Area ⁶
AOC-94	A-11 Storage Bunkers
AOC-95	Abandoned Radar Site Pipeline ¹
AOC-96	"Hot Pit" Refueling Area, Air Combat Command
AOC-98	End of the Runway 01 Hardfill
AOC-99	C-80A Celotex Burial Site
AOC-101	C-80B Celotex Burial Site
AOC-102	Auxiliary Field No. 5 Sanitary Landfill
AOC-104	C-52 Herbicide Drum Disposal Site
AOC-105	Duke Field Hardfill
AOC-106	Auxiliary Field No. 5 Munitions Disposal Area ⁶
AOC-107	C-52 Film Debris Disposal Area
AOC-108	Soap Water Collection Tank, Buildings 1385/1386
AOC-111	A-15 Compound Neutralization Pit
AOC-112	C-80C Hardfill (Alias AOC-72)
AOC-213	Confluence of West Flightline Drainage Ditch at Jack's Lake
POI-301	Bldg. No. 808 Transformer Maintenance Facility (converted to SS-86)
POI-302	Auxiliary Field No. 4 Small Arms Firing Range Cleaning Sump
POI-303	Chemical Waste Treatment Plant
POI-304	Mullet Creek Tributary
POI-306	East Drum Disposal Site-S.R. 285/R.R. 228
POI-307	Indigo Creek Dump Site (Alias POI-339)
POI-309	Aux. Field No. 7 Site Boil Pit with Paint Cans
POI-310	ACC Petroleum Site
POI-312	Mullet Festival Area
POI-316	C-52 N East Rocky Creek Tributary
POI-318	RR 220 Disposal Area
POI-319	C-52A Soil Biodegradation Plots
POI-320	Twin Labs Water Tower

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

POI-322	Site A-15: PCB Cleanup
POI-323	Building No. 3051: Garbage Pit
POI-324	First Baptist Church of Valparaiso - Napalm Site
POI-325	Kemmons Pond Site
POI-326	Auxiliary Field No. 2 Disposal Area
POI-327	Auxiliary Field No. 1, Abandoned WWTP
POI-328	Ammo Storage Facility Berm
POI-329	Duke Field Small Arms Range
POI-330	Duke Field North Dump Site (Alias AOC-14)
POI-331	Auxiliary Field No. 1 Landfill (Alias AOC-78)
POI-332	Site D-3 Diesel Fuel Tank Removal and Diesel Spill
POI-333	728 Motor Pool (included in ST-69)
POI-334	C-6 Radar Facility; Chronic POL Spills
POI-335	Skeet Range-Bay Round Disposal Area ⁶
POI-337	Communication Building Dump Site
POI-338	C-3 Herbicide Loading Area (Alias AOC-55)
POI-339	Auxiliary Field No. 7 Indigo Creek Dump Site (Alias POI-307)
POI-340	Hospital Dump Site
POI-342	Oak Hill Elementary School
POI-343	Camp Pinchot
POI-344	Auxiliary Field No. 6, Old CB Lab
POI-345	Auxiliary Field No. 6 Bunker/Munitions
POI-346	Building No. 1354
POI-347	Golf Course Limb Disposal Dump Site
POI-348	Climactic Lab Storage Area
POI-349	Duke Field 728 TAC (ACC) JP4 Contamination
POI-350	Auxiliary Field No. 5-Armored Vehicle Scrapping Area
POI-351	Auxiliary Field No. 4, CS Testing Site
POI-352	Auxiliary Field No. 4, Runway Debris-South

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

POI-353	Auxiliary Field No. 2, "Burst Hill"
POI-354	Auxiliary Field No. 2, POL Storage Area
POI-355	Basin Bayou Disposal Site
POI-356	A-11 Abandoned UST
POI-357	Duke Field, Debris/Drum Pile
POI-358	Water Tower No. 1205
POI-370	C-7 Hellfire
POI-386	Building 419 Maintenance Shop
POI-389	Auxiliary Field 1, Northeast Surface Debris Area
POI-390	Transmission Building Site
POI-392	Prairie Creek Drum Dump Site
POI-393	B71 Hydraulic Tower
POI-399	Site 9 Burn Pots
POI-400	Test Area 64A ^{11,14}
POI-401	Test Area C-64C Advanced Warhead Experimental Facility ¹⁴
POI-402	Test Area C-80B ^{11, 14}
POI-403	Test Area C-80A Water Total Recovery Facility ¹⁴
POI-404	Test Area B-5 ^{11, 14}
POI-405	Test Area A-15 ^{11, 14}
POI-406	Test Area C-72 ¹⁴
POI-407	Test Area C-52 Chicken Little G)-27 Detector Boxes ¹⁴
POI-408	SAC Munitions/33rd Flight Munitions Area ¹⁴
POI-409	Railroad Bed at Range Road 213 ¹⁴
POI-410	Site NI-7 ¹⁴
POI-411	Auxiliary Field No. 3 ¹⁴
POI-412	High Explosive Research & Development (HERD) Facility Building 1206 ¹⁴
POI-413	Test Area A-77 Proposed Bridge Target ¹⁴
POI-414	Test Area A-79 Proposed Bridge Target ¹⁴
POI-415	Proposed DU Experimental Areas ¹⁴

POI-416	Proposed Air-to-Ground Firing of DU at Test Area B-82 ¹⁴ (Alias AOC-77)
POI-417	Site N-18, East Bay Swamp C-141 Crash Site ^{11, 14}
POI-418	C-52 Scrap Yard ^{11, 14}
POI-419	Test Area C-74L Dump Site ^{11,14}
POI-420	Test Area C-64 Dump Site ^{11,14}
POI-500	Range Road 291 Bermed Area
POI-501	Former A-7 Radar Facility POL Site
POI-503	Cattle Dipping Vat—Bear Creek
POI-504	Auxiliary Field 5 Disposal Area
POI-505	Anderson Branch Disposal Area
POI-506	Panther Branch Drum Site
POI-507	Wendel's Cattle Dipping Vat
POI-508	Green Ponds Cattle Dipping Vat (converted to SS-278)
POI-509	Auxiliary Field No. 4 Water Tower No. 4100
POI-510	Cape San Blas Lighthouse
POI-511	Range Roads 356 and 433 Drum Disposal Area
POI-512	GERC Disposal Area
POI-513	Main Base Drycleaner Site
POI-514	Whitmier Island Drum Site
POI-515	Climatic Lab Spill Site
POI-516	Honey Creek Cattle Dip Vat (CDV)
POI-517	Pine Log Creek Cattle Dip Vat (CDV)
POI-518	Climatic Lab Methylene Chloride 2007 Spill
POI-519	Auto Hobby Shop Overflow
POI-521	Jettisoned Fuel Pods
POI-550	Building 455 – Jet Engine Test Cell (OW-515)
POI-551	Building 562 Vehicle Refuel (OW-524)
POI-552	Building 693A Civil Engineering Vehicle (OW-529)
POI-554	Building 6024 Ranger Camp (OW-570)

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

POI 600 ^b	Atwell Pond A and B
POI-603 ^b	LDP Site 02-3AD
POI 604 ^b	LDP Site 02-6AH
POI-605 ^b	LDP Site 02-66C
POI-606A ^b	XU657I (A-77 Area 2)
POI-606B ^b	XU657J (Firebomb PIT)
POI 607 ^b	LDP Site 02-B70A
POI-613 ^b	LDP Site 02-C2A
POI 614 ^b	LDP Site 02-C2H
POI-615 ^b	LDP Site 02-C2AF
POI-618A ^b	XU657L (Area 2)
POI 622 ^b	LDP Site 02-D51A
POI-623 ^b	LDP Site 02-D51B
POI 601 ^b	LDP Site 02-AF5A
POI-606 ^b	LDP Site 02-A77C
POI 610 ^b	LDP Site 02-B71A
POI-611 ^b	LDP Site 02-B71C
POI 612 ^b	LDP Site 02-B75
POI-618 ^b	LDP Site 02-C52B
POI 620 ^b	LDP Site 02-C64A
POI-621 ^b	LDP Site 02-C72H
POI-622A ^b	XU656K (D-51 Area 3)
POI-622B ^b	XU656L (D-51 Area 4)
POI-623A ^b	XU656M (Old OB/OD)
XU653	Legacy Bay Ranges 60
OW-C503	OWS / Bldg. 13 Pump Room Drain
OW-C504	OWS 22 / Bldg. 22 Back Room Sump
OW-C505	OWS 72 / Bldg. 72 Corrosion Control
OW-C509	OWS 127 / Bldg. 127 Non-Destruct Test

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

OW-C511	OWS 138 / Bldg. 138 Fuel Systems Maintenance
OW-C516	OWS 462 / Bldg. 462 Surface Target
OW-C527	OWS 684 / Bldg. 684 CE Equipment Wash
OW-C537	OWS 1219 / Bldg. 1219 Vehicle Wash
OW-C538	OWS 1318 / Bldg. 1318 33 rd Hangar
OW-C542	OWS 1343 / Bldg. 1343 33 rd Hangar
OW-C543	OWS 1344 / Bldg. 1344 33 rd Hangar
OW-C544	OWS 1345 / Bldg. 1345 33 rd Hangar
OW-C545	OWS 1351 / Bldg. 1351 33 rd Egress Shop
OW-C549	OWS 1353B / Bldg. 1353B 33 rd AGE
OW-C550	OWS 1354 / Bldg. 1354 33 rd NDI
OW-C551	OWS 1360 / Bldg. 1360 33 rd Weapons
OW-C553	OWS 1385 / Bldg. 1385 33 rd Plane Wash
OW-C559	OWS 1528 / Bldg. 1528 Golf Course
OW-C562	OWS 3020 / Bldg. 3020 Duke Field Maintenance Dock
OW-C564	OWS 3057 / Bldg. 3057 Duke Field Wash Rack
OW-C565	OWS 3067 / Bldg. 3067 Duke Field Maintenance Shop
OW-C567	OWS 3076 / Bldg. 3076 AC Maintenance Shop

A.8 List of RCRA Permitted Unit(s)			
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment	Dates of Operation
OT-46	Open Detonation Unit (C-52N) ⁴ (formerly AOC-46)	No longer operated. Delayed closure in conjunction with Target Area closure	1940-present
OT-47	Open Burn/Detonation Units (C-62) ⁴ (formerly AOC-47)		1940-present

APPENDIX B - SUMMARY OF PERFLUOROOCTANOIC ACID (PFOA) AND PERFLUOROOCTANE SULFONATE (PFOS) RELEASE AREAS

B.1 List of Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) and Release Areas requiring a Preliminary Assessment/Site Inspection and possible response action in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA, 42 U.S.C. §§ 9601-9675), the Defense Environmental Restoration Program statute (DERP, 10 U.S.C. §§ 2700-2710), and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP, 40 C.F.R. Part 300)			
SWMU/AOC Number/Letter	SWMU/AOC Name	Unit Comment/Basis for Assessment	Dates of Operation
POI-700	A-15 Compound Fire Training Area	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	1985-1987
POI-702	Eglin Skeet Range & Fire Training Area	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unknown
POI-703	Eglin Middle Fire Training Area	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	1993-2000
POI-704	Eglin Waste Water Treatment Plant	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	1950s-2014
POI-705	Building 71	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	Not reported
POI-706	Building 72	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	inadvertent activations in 2001 and 2014
POI-707	Building 138	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	One inadvertent activation in the mid-1990s
POI-708	Building 440 (McKinley Climatic Laboratory)	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	two inadvertent activations in 2002 and 2005/2006
POI-709	Building 1386	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	One inadvertent activation in the late 1990s/early 2000s
POI-710	Building 1412	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	Two activations during initial and subsequent system testing in 2010/2011 and 2014
POI-715	Nozzle Spray Test Area Main Base Eglin	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

POI-716	Nozzle Spray Test Area Duke Field	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-717	Nozzle Spray Test Area, Field 6 (Ranger Camp)	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-718	Nozzle Spray Test Area Test Range C-6	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-719	Former WWTP and Spray Field at Duke Field	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	1950s through 2014
POI-720	Eglin WWTP Spray Field	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	1950s through 2014
POI-721	AFFF Trailer Rupture	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	2004
POI-722	East-West Flightline Drainage Ditch	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-723	Jack Lake	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-724	Eglin Main Base Old Fire Training Area (FT-28)	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-725	North-South Flightline Drainage Ditch	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-727	LF-08 Receiver Landfill	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-728	Building 500 96 LRS Maintenance Building	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-729	2011 Eglin Aero Club Beech C24R Crash Site	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	2011
POI-731	AFFF Holding Pond	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported
POI-732	Portable Hangar near Hardstand 1	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	Mid-1990s
POI-733	Building 3087	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	Mid-1990s
POI-735	Building 3057	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	May 2017
POI-736	Hangar 3150 and Nozzle Spray Test Area (Duke Field)	Site Inspection of Aqueous Film Forming Foam (AFFF) Release Areas dated March 2019	unreported

- ¹ No Longer Applicable. Retained here for numerical consistency between permits.
- ² Addressed under State Landfill Closure Permit
- ³ Deferred to Nuclear Regulatory Commission License.
- ⁴ Addressed under 40CFR Part 264 Subpart X Operating Permit (OT-46/C-52N & OT-47/C- 62).
- ⁵ Deferred to FDEP Wastewater Permit.
- ⁶ Addressed under Military Munitions Response Program (POI-502 and POI 600 SWMUs).
- ⁷ Deferred to FDEP Consent Order.
- ⁸ Former Site FT-27 was renamed when transferred to POL program.
- ⁹ AOCs-17, -18, -19 and -20, SS-23, -24, 107, 108, 109 and ST-63 formerly comprised OU-1, which is now recognized as LF-03.
- ¹⁰ ST-72 and ST-72B were closed and replaced with SWMU SS-275, because of a new release of petroleum product.
- ¹¹ No COPC detected. These sites are under Eglin's internal LUC.
- ¹² DP-97 has been combined with SS-86 and is now referred to as SS-86.
- ¹³ Third-party Consent Order
- ¹⁴ Closed under the Low-Level Radioactive Material (LLRM) Program.

Note: OT-272, POI-371-385 and POI-394 are unused IRP site numbers.

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Kimberly A.
Walker**

Digitally signed by
Kimberly A. Walker
Date: 2022.03.11 10:14:55
-05'00'

Kimberly A. Walker, Program Administrator
Permitting & Compliance Assistance Program
2600 Blair Stone Road, MS 4550
Tallahassee, Florida 32399-2400

FILING AND ACKNOWLEDGMENT

FILED on this date pursuant to Section 120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Kim Thursby

Digitally signed by Kim
Thursby
Date: 2022.03.11 11:26:06
-05'00'

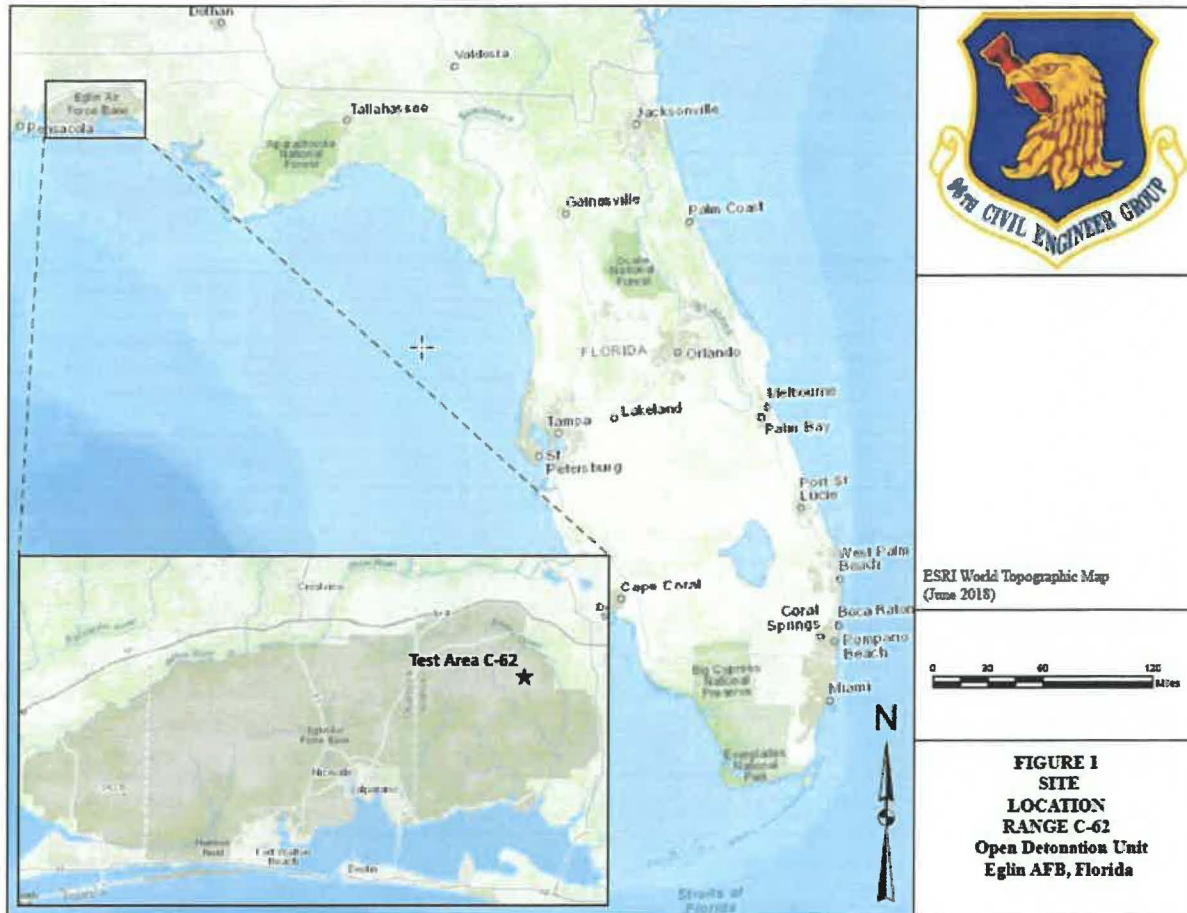
Clerk

Date

PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

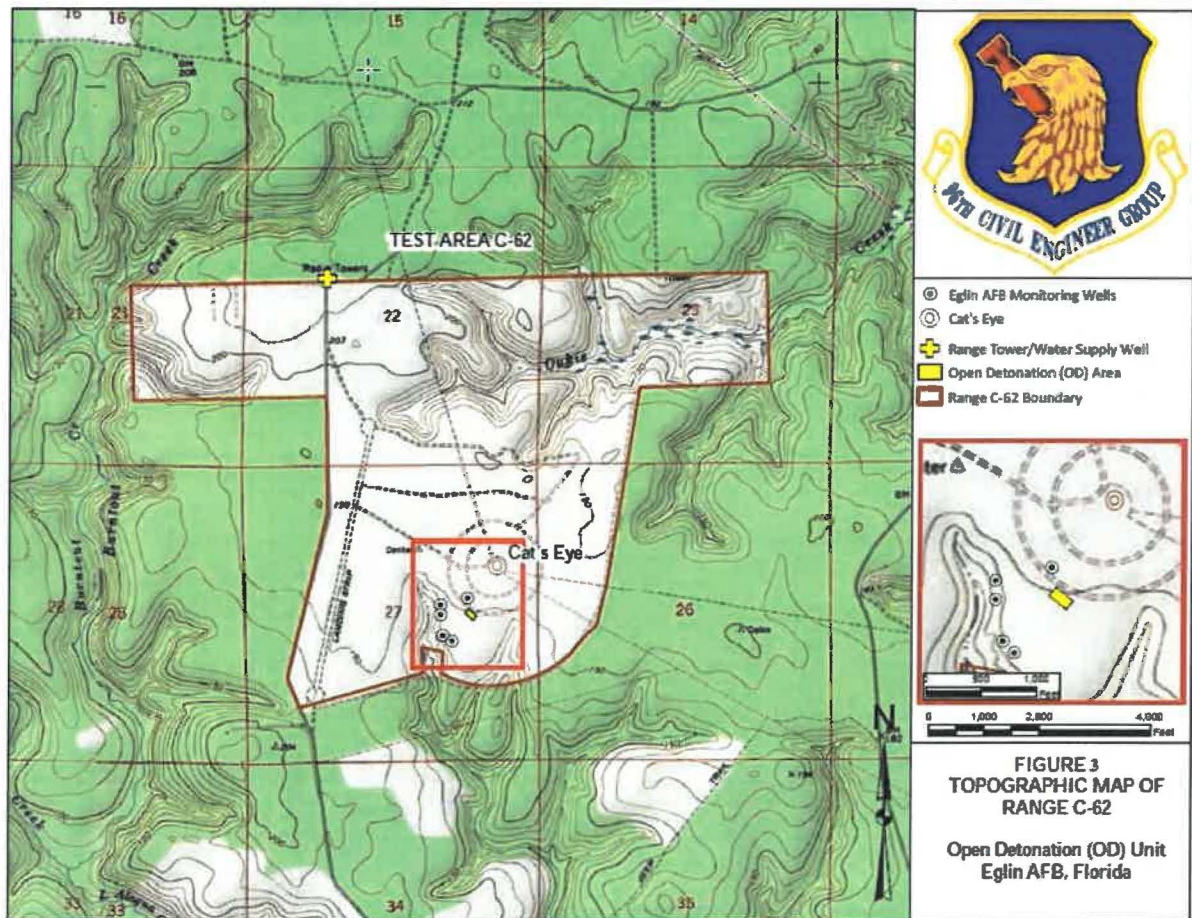
ATTACHMENT A – FACILITY MAP



PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

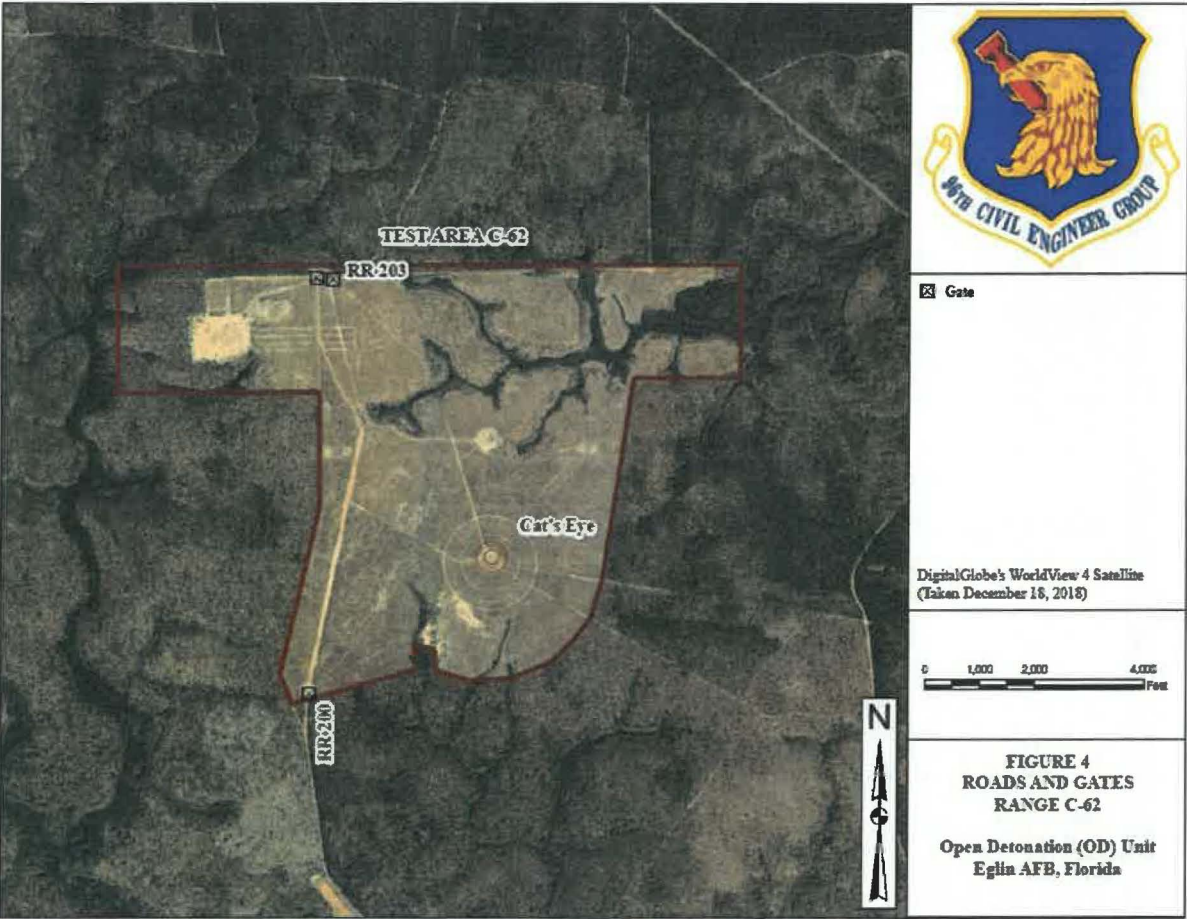
ATTACHMENT B - RANGE C-62N



PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

ATTACHMENT C - TEST AREA AT RANGE C-62N



PERMITTEE: Eglin Air Force Base
I.D. NUMBER: FL8570024366

PERMIT NUMBER: 006176-12-HO
EXPIRATION DATE: September 1, 2025

ATTACHMENT D - MONITORING WELLS AT RANGE C-62

