NOI SUPPLEMENT FOR A TYPE 3.03 GENERAL PERMIT for Vehicle and Equipment Washes [A.A.C. R18-9-D303]

OVERVIEW:

This General Permit allows for discharges of wastewater generated from washing vehicles and equipment. It does not allow discharges of sanitary sewage, vehicle lubricating oils, antifreeze, gasoline, paints, varnishes, solvents, pesticides or fertilizers or discharges from washing the interior of vessels used to transport fuel products or chemicals, or the washing of equipment contaminated with fuel products or chemicals. If the proposed discharge, design or operations do not conform to the rule, the owner or operator must obtain an individual APP.

SUPPLEMENTAL APPLICATION REQUIREMENTS:

1. Notice of Intent to Discharge (NOI) Form for a Type 3 General Permit

☐ I have completed and attached this NOI Supplement form to the Type 3 General Permit NOI.

2. Attach a narrative description of the facility to be addressed under this General Permit. The narrative must include a description of the facility and design of the disposal system and wash operations. Please place a check in the following boxes indicating that you have provided all the following details in the narrative and attach supporting documents:

☐ Description of the design and construction of the wash pad, including discussion of construction materials used. Include design drawings, specifications and calculations for the wash pad which meet criteria of A.A.C. R18-9-D303(C)(1).

☐ Demonstration that the wash pad has adequate structural support to support the maximum weight of vehicles or equipment being washed including an appropriate safety factor. Include design drawings, specifications and calculations for the wash pad which meet criteria of A.A.C. R18-9-D303(C)(1).

☐ Description of the sump or sediment settling structure employed. Include design drawings, specifications and calculations for the wash pad which meet criteria of A.A.C. R18-9-D303(C)(1).

☐ Details of the design, operation, and maintenance of an oil/water separator designed to reduce oil & grease. Provide documentation that the oil/water separator can achieve treatment of oil and grease to 15 ppm or less if discharge is routed to an unlined impoundment or subsurface disposal system.

☐ Description of how wastewater is conveyed from the wash pad to the disposal unit to meet the criteria of R18-9-D303(C)(2)

☐ Description of wash operations, including inspection and maintenance activities required by R18-9-D303(D)

☐ Description of equipment, and detergents or additives used, and the Best Management Practices in place to minimize the introduction of chemicals not typically associated with wash operations

☐ Location, dimensions, and construction of all impoundments, subsurface disposal system, or other disposal facilities to be addressed under the General Permit

☐ Demonstration that the facility is adequately sized to handle projected maximum flows plus any stormwater run-on, including sufficient freeboard.

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3. Identify below, by type and volume, all wastewater(s) which is, or has been, directed to this disposal system. (Use additional pages if necessary):

List of processes generating the wastewater(s) and a brief description of each	Expected Average Daily Flow to be discharged	Expected Maximum flow per day to be discharged

4. The following are not authorized under this General Permit. Does the discharge include: (check all that apply)

☐ Any lubricating oils, antifreeze, gasoline, paints, varnishes, solvents, pesticides or fertilizer ☐ Yes ☐ No

☐ Any domestic sewage ☐ Yes ☐ No

☐ Wastewater resulting from washing the interior of vehicles that contained fuels or chemicals, or equipment Contaminated with fuel products or chemicals ☐ Yes ☐ No

5. Does the discharge contain wastewater resulting from the washing of vehicle engines?

☐ Yes ☐ No

If answered "Yes", the discharge must be directed to a lined surface impoundment.

6. If the vehicle/equipment wash is used on a mine site, does the discharge include wastewaters resulting from washing the interior of vehicles that contained mining concentrates?

☐ Yes ☐ No ☐ N/A- vehicle wash is not at a mine site

If answered "Yes", the discharge must be directed to a lined surface impoundment.

7. Is this General Permit for a lined surface impoundment ☐ Yes ☐ No

If Yes, does your narrative address how the conditions of the permit will be satisfied, including:

☐ Date of construction or proposed construction.

☐ Design capacity calculations which meet criteria of R18-9-D301(C)(1)

☐ Design drawings and specifications which meet the criteria for liners R18-9-D301(C)(4)(a or b) and site preparation R18-9-D301(C)(3)

☐ Quality Assurance/Quality Control program for <u>new facilities</u> that addresses subgrade preparation, liner installation, inspection procedures, field testing, laboratory testing, and final construction inspection.
For an <u>existing facility</u> provide any available QA/QC documentation. For <u>existing facilities</u>, ADEQ may request an engineer's evaluation and certification that the liner is in good condition without tears, holes, punctures or defects.

☐ A plan for operation, maintenance, inspection, and repair of the impoundment consistent with R18-9-D303(D)

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☐ Provisions for recordkeeping consistent with R18-9-D303(F)
☐ Provisions for closure consistent with R18-9-D303(G)
☐ If there are identified geologic hazards at this site, provide any special design considerations or adjustments due to the identified hazards per R18-9-D301(C)(2). ☐ N/A- there are no geologic hazards
8. Is this General Permit for an unlined surface impoundment? ☐ Yes ☐ No
If Yes, does your narrative address how the conditions of the permit will be satisfied, including:
☐ A demonstration that design and installation requirements are consistent with R18-9-D301(C)(1) through (C)(3)
☐ The annual daily average flow is less than 3000 gallons per day consistent with R18-9-D303(C)(5)(a)
☐ Documentation of a minimum 100' horizontal setback between the disposal area and any water supply well
☐ A demonstration that the bottom of the surface impoundment is 50' or more above the static groundwater level and the intervening material does not contain karst or fractured rock
☐ Documentation that the oil/water separator can achieve treatment of oil and grease to 15 ppm or less.
☐ A plan for operation, maintenance, inspection, and repair of the system consistent with R18-9-D303(D)
☐ Provisions for monitoring consistent with R18-9-D303(E)
☐ Provisions for recordkeeping consistent with R18-9-D303(F)
☐ Provisions for closure consistent with R18-9-D303(G)
9. Is this General Permit for a subsurface disposal system? ☐ Yes ☐ No
If Yes, does your narrative address how the conditions of the permit will be satisfied, including:
☐ The annual daily average flow is less than 3000 gallons per day consistent with R18-9-D303(C)(5)(a)
☐ Documentation of a minimum 100' horizontal setback between the disposal area and any water supply well
☐ A demonstration that the bottom of the subsurface disposal system is 50' or more above the static groundwater level and the intervening material does not contain karst or fractured rock
☐ Documentation that the oil/water separator can achieve treatment of oil and grease to 15 ppm or less.
☐ Documentation that the system is designed to prevent surfacing of the wash water
☐ A plan for operation, maintenance, inspection, and repair of the system consistent with R18-9-D303(D)
☐ Provisions for monitoring consistent with R18-9-D303(E)
☐ Provisions for recordkeeping consistent with R18-9-D303(F)
☐ Provisions for closure consistent with R18-9-D303(G)