

**WASTEWATER EFFLUENT DISPOSAL - PUBLICLY OWNED  
TREATMENT WORKS  
(CAMP BARRETT WASTEWATER PUMP STATION)**

1. Version, Date. 1, 12 Feb 08 (EMS)

2. Purpose. This document establishes procedures to ensure compliance with the industrial user discharge permit issued by the County of Stafford for Camp Barrett.

3. Applicability

a. Audience. This procedure applies to personnel responsible for operation and maintenance of the wastewater collection system that discharges to the pump station at Camp Barrett, and the Natural Resources and Environmental Affairs Branch, which assesses compliance with the discharge permit.

b. Scope. This procedure applies to all discharges to the sanitary sewer served by the wastewater pump station at Camp Barrett, PS 27055. It includes, but is not limited to, any drains, oil water separators (OWS), or grease traps discharging to the pump station at Camp Barrett.

4. Definitions. The following definitions are provided to support this procedure:

a. Publicly Owned Treatment Works (POTW) - A "treatment works" as defined by Section 212 of the Clean Water Act which is owned by a state or municipality. This definition includes any devices or systems used in the collection, storage, treatment, recycling, and reclamation of sewage or industrial wastes of a liquid nature and any conveyances which convey wastewater to a treatment plant.

b. Camp Barrett Collection System - The federal sanitary sewer system that collects and transports domestic and industrial wastewater from the sections of MCB Quantico located on the west side of the Base. .

c. Indirect Discharge or Discharge - The introduction of pollutants into the POTW from any nondomestic source regulated under Section 307(b), (c), or (d) of the Clean Water Act.

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d. Instantaneous Maximum Allowable Discharge Limit - The maximum concentration of a pollutant allowed to be discharged at any time, determined from the analysis of any discrete or composite sample collected, independent of the industrial flow rate and the duration of the sampling event.

e. Pollutant - Industrial, municipal, and agricultural waste discharged in the water. Examples include: Dredged spoil; solid waste; incinerator residue; filter backwash; sewage; garbage; sewage sludge; munitions; medical wastes; chemical wastes; biological materials; radioactive materials; heat; wrecked or discarded equipment; rock, sand, cellar dirt; municipal, agricultural and industrial wastes; and certain characteristics of wastewater (e.g. pH, temperature, TSS, turbidity, color, BOD, COD, toxicity, or odor).

f. Storm Water - Any flow occurring during or following any form of natural precipitation, and resulting from such precipitation.

g. Wastewater - Liquid and water-carried industrial wastes and sewage from residential dwellings, commercial buildings, industrial and manufacturing facilities, and institutions, whether treated or untreated, which contribute to a POTW.

h. Wastewater Treatment Plant - That portion of a POTW which is designated to provide treatment of municipal sewage and industrial waste.

5. Responsible Parties. The following parties are responsible for proper wastewater management procedures at MCB Quantico, Camp Barrett:

a. Natural Resource and Environmental Affairs Branch (NREA), Environmental Compliance Section

b. Public Works Branch (PWB)

(1) Resident Officer In Charge of Construction (ROICC)

(2) Designated Government Representative (DGR) - Quality Assurance of Service Providers

(3) Facilities and Logistics Services Section (FLSS)

(4) Facility Engineer

c. Department of Justice (DOJ), FBI/DEA Complex, Environmental and Safety Office

d. MCB Quantico personnel or any contractors performing activities impacting discharges to the pump station.

6. Procedures (Instructions for Operational Control).

a. The following shall be implemented to prevent non-compliant wastewater discharges from the Camp Barrett pump station:

(1) All wastewater discharges from MCB Quantico and DOJ Complex entering the Camp Barrett pump station must comply with Article X, Division 1, Section 25-194 through Section 25-262 of the Stafford County Code (see Permit for this Article).

(2) All pretreatment devices such as, but not limited to, oil/water separators and grease traps must be maintained in order to meet designed performance criteria.

(3) Discharges must comply with local limits for the Aquia service area adopted by Stafford County as listed in Appendix B of the permit.

b. Cooperate with Stafford County representatives who will conduct periodic sampling to ensure compliance with the permit. pH parameters will be tested periodically; and local limits listed in Appendix B will be tested annually.

c. Department of Justice, FBI/DEA Complex, must comply with the discharge permit, STFD 003, as issued by Stafford County.

7. Inspection and Corrective Action

a. MCB Quantico and Stafford County shall both participate in an annual inspection of the Base facilities discharging into the sanitary sewer system connected to the Camp Barrett pump station.

b. Stafford County will notify MCB Quantico personnel of any exceedance of permit condition limits. MCB Quantico must respond with a report detailing the cause for the exceedance, the corrective action taken to correct the problem, and measures implemented to prevent future exceedances.

8. Internal Communication

a. New Construction Activities. Notify PWB.

b. Clean out or repair of OWS systems. Notify DGR.

c. DOD Customer complaints. Notify DGR if related to OWS systems. DGR Utilities notifies FSC, who initiate action from contractors who service the OWS systems. Otherwise notify PWB.

d. FBI/DEA Complex. Notify PWB.

9. Training/Awareness. NREA Training Coordinator facilitates training on this ESOP, to the target audience mentioned in paragraph 3.a.

10. Emergency Preparedness and Response

a. Following the release of a hazardous substance(s) at reportable quantities, which also have the potential to discharge to the Camp Barrett pump station, MCB Quantico must notify Stafford County. Refer to applicable Material Safety Data Sheets (MSDS) to determine the reportable quantity.

b. FLSS will contain leaks if it can be done so safely by isolating portions of the sanitary sewage system. Note, this should only be done by designated personnel.

c. DGR will assess if the sanitary sewage systems can be closed to prevent damage to the Base and Stafford County sanitary sewage systems, water treatment systems or surface water bodies, respectively.

d. NREA Branch personnel will document the release and make required reports to the County, State, and Federal agencies.

11. References and Related Documents. The following references are relevant to this procedure:

- a. Stafford County Discharge Permit Number STFRD-003
- b. Stafford County Code Article X, Division I, Section 25-194 through Section 25-262.
- c. MCB Quantico Stormwater Pollution Prevention Plan, 2007
- d. MCB Quantico Oil Water Separator ESOP
- e. Oil Water Separator Inspection Report

12. Document Revision History. The following provides a history of revisions of this SOP:

Revision Number	Date	Revision Made By	Section	Page	Summary of Change and Reason	Signature

14. Document Owner. This document has been reviewed and approved by the document owner. Any revisions or future updates to the procedure will be completed by the document owner as needed.

- a. Document Owner. Water Program Manager, NREA
- b. Document Approval. Chair, EMS Core Team