NWS-00060-07.01-02/12/86

DEPARTMENT OF THE NAVY
NAVAL WEAPONS STATION
YORKTOWN, VIRGINIA 23691-5000

6260
0411

12 FEB 1986

Mr. Guy Aydlett
Hampton Roads Sanitation District
P. O. Box 5000
Virginia Beach, Virginia 23455

Dear Mr. Aydlett:

This letter is in response to the meeting with Hampton Roads Sanitation District (HRSD), Virginia State Water Control Board, Atlantic Division Naval Facilities Engineering Command, and Naval Sea Systems Command held at NAVWPNSTA Yorktown on 7 January 1986.

All ordnance wastewater generated by the Naval Explosives Development and Engineering (NEDE) Department will discharge to the carbon filtration unit at Building 456 (point source number 005) and then to the sanitary sewer system. All ordnance wastewater generated by Ordnance Plant 3 operations will discharge to the carbon filtration unit at Building 375 (point source number 003).

Attached are lists submitted by the NEDE and Ordnance Departments of materials which are used at their facilities and which could possibly enter the wastewater treatment systems stated above. A copy of these lists along with pertinent Material Safety Data Sheets was furnished to Mr. Norman Guenther, HRSD Chemist, on 13 January 1986.

Presently, only Ordnance Department Plant 3 operations are generating discharges to the sewer system. Other facilities will be operating in the future, and information regarding materials used in those operations will be forwarded prior to any discharge to the sanitary sewer system.

Mr. J. T. Lester, Jr., Safety Director, (804) 887-4661 may be contacted for additional information.

Sincerely,

J. T. KENNEDY
Captain, U. S. Navy
Commanding Officer

Encl:
(1) Lists of Materials Used in NEDE and Ordnance Departments

Copy to:
Tidewater Regional Office
State Water Control Board
Attn: Mr. Howard B. Rock
287 Pembroke Office Park
Suite 310, Pembroke Number 2
Virginia Beach, Virginia 23462

COMNAVSEASYSCOM (Attn: J. Franson, SEA 64121E)
→ LANTNAVFACENGCOM (Attn: D. Goodwin, Code 1142)

60-07.01-02/12/86

MATERIALS USED IN OPERATING BUILDINGS WHICH
MAY ENTER CARBON TREATMENT UNIT AT BUILDING 456

Submitted by: Mr. R. Wynne on 6 January 1986

Trinitrotoluene (TNT)
Cyclotrimethylenetrinitramine (RDX)
Cyclotetramethylene Tetranitramine (HMX)
Aluminum Powder (AL)
Composition B (TNT/RDX/Wax 1%)
Pentolite (Pentaerythritol Tetranitrate (PETN)/TNT)
Dry Cleaning Solvent
Trichloroethane
Ammonium Perchlorate (AP)
Plastic Bonded Explosives (PBX's) - PBXN-105 (AP/AL/RDX)
PBXN-106 (RDX/binder)
PBX-109 (RDX/binder)
PBX(AFX)-108 (RDX/binder)
Isopropyl Alcohol
Methylene Chloride
Composition A-3 (Waxed RDX)
Composition A-5 (Waxed RDX)
Barium Sulfate
PBXN-3 (HMX/Nylon)
PBXN-5 (HMX/Viton)
PBXC-15] RDX/binder (experimental)
PBXC-16]
Acetone
Polymethylene Polyphenyl Isocyanate (PAPI)
Polybutadiene (Poly bd)
Ferric Acetylacetonate (FEAA)
Diiso Octyl Maleate (DOM)
Di Octyl Adipate (DOA)
GASCON Oil
2-Ethyl Hexyl Acrylate (EHA)
t-Butyl Perbenzoate
Toluene Diisocyanate (TDI)
Vinyl Pyrrolidone (VP)
Benzoyl Peroxide Paste
Dibutyltin Dilaurate
n-Dodecyl Mercaptan
2,2'-Methylenebis (4-Methyl-6-Tertiarybutyl Phenol) (CYANOX 2246)
4-Methyl-p-Nitroaniline (MNA)
Phenyl-beta-Naphthylamine (PBNA)

Enclosure (1)

MATERIALS USED IN OPERATING BUILDINGS WHICH MAY ENTER CARBON TREATMENT UNIT AT BUILDING 375

Submitted by: Mr. J. Rowe on 10 January 1986

Pelletized Nitro Cellulose (PNC)

Ammonium Perchlorate (AP)

Aluminum Powder (AL)

Metriol Trinitrate (MTN)

Triethylene Glycol Dinitrate (TEGDN)

Resorcinol

Ethyl Centralite

Toluene

Triacetin

Detergent

Kitty Litter

Heptane

Silicone

Alcohol, Ethyl, Denatured

Trichloroethane

Sodium Sulfide

Acetone