WCI LAUNDRY DIVISION
MANSFIELD PLANT

246 East Fourth Street, Mansfield, Ohio 44902 (419) 755-6011

August 18, 1987

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Donald R. Majewski
Environmental Scientist
OHIO E.P.A.
Northwest District Office
1035 Devlac Grove Drive
Bowling Green, OH 43402

Dear Mr. Majewski:

As set forth in WCI Laundry Division Mansfield Plant's Permit 21C00003XDD, Part II, Section E, Total Toxic Organic Provisions, the April-May-June 1987 Quarterly Monitor Report is being submitted.

The Total Toxic Organic Sample was taken June 24, 1987, and the sample was analyzed by AquaTech Environmental Consultants, Inc. All the priority pollutant volatile fractions were below detectable limits expressed as UG/L, except for Total Xylenes which is reported as 16 UG/L.

If there are any questions, feel free to call.

Very truly yours,

WCI LAUNDRY DIVISION MANSFIELD PLANT

F. A. Ade, Manager
Manufacturing Services
(419) 755-6485

US EPA RECORDS CENTER REGION 5
466345

cc: WCI APPLIANCE CENTER, P.O.Box 182056, Columbus, OH 43218 -
Mr. Daniel Marques

cc: Mansfield - Mr. W. A. Wood

FOR LAB USE:
LAB NO.: 12340
CASE NO.:

AQUA TECH
ENVIRONMENTAL CONSULTANTS, INC.

P.O. Box 76, Melmore, Ohio 44845, 419-397-2659 or 397-2222
P.O. Box 436, 181 South Main Street, Marion, Ohio 43302, 614-382-5991

RECEIVED
DATE: 6/26/87
TIME: 2:00 p.m.
REPORTED
DATE: 8/10/87

LABORATORY ANALYSIS REPORT
(Please print or type)

COLLECTION DATA:
COLLECTOR: SIGNATURE: TITLE:
ESTABLISHMENT: WCT Laundry SAMPLE LOCATION:
ADDRESS: 246 E. 4th St. Mansfield, OH 44903
SAMPLE NO.: 001 Effluent BOTTLE NO.: SAMPLE DATE 6/24/87 TIME: 2:00 p.m.
TELEPHONE NUMBER: RESIDENCE: BUSINESS:

ADDITIONAL INFORMATION - REMARKS BY ANALYST

PURCHASE ORDER NO.

PRESERVATIVE
☐ Na OH ☐ $CuSO_4$
☐ H_2SO_4 ☐ HNO_3
☐ REFRIGERATION ☐ OTHER

WATER SOURCE (INDICATE BY CHECKING BOXES) ☐ GRAB ☐ COMPOSIT

REPORT RETURN ADDRESS

FINISHED
___ COMMUNITY
___ NON-COMMUNITY
___ PRIVATE SUPPLY
___ PLANT
___ DISTRIBUTION SYSTEM
___ RESAMPLE

RAW
___ GROUND (WELL)
___ SURFACE
RECREATIONAL
___ BEACH
___ SWIMMING POOL
___ OTHER

WASTE
___ INFLUENT
___ EFFLUENT
___ SLUDGE
___ INDUSTRIAL

OTHER (IDENTIFY)

☐ EP Toxicity Testing		☐ Sulfide, S	mg/l	☐ Phenols	ug/l
☐ Flow	cfs	☐ Chloride, Cl	mg/l	☐ Conductivity, Lab	U-MHO
☐ Water, Temp, Field	°C °F	☐ Fluoride, Diss, F	mg/l	☐ Endrin	ug/l
☐ pH, Field	S.U.	☐ Calcium, Total, Ca	mg/l	☐ Lindane	ug/l
☐ Diss. Oxygen, Field	mg/l	☐ Magnesium, Total, Mg	mg/l	☐ Methoxychlor	ug/l
☐ Hydrogen Sulfide, Field	mg/l	☐ Potassium, Total, K	mg/l	☐ Toxaphene	ug/l
☐ Free Chlorine, Field	mg/l	☐ Potassium, K_2O	mg/l	☐ 2,4-D	ug/l
☐ Total Chlorine, Field	mg/l	☐ Sodium, Total, Na	mg/l	☐ 2,4,5-TP Silvex	ug/l
☐ Color	Pt-Co	☐ Aluminum, Total, Al	ug/l	☐ $CHCl_3$	ug/l
☐ Odor Threshold	T.N.	☐ Antimony, Total, Sb	ug/l	☐ $CHBrCl_2$	ug/l
☐ Turbidity	NTU	☐ Arsenic, Total, As	ug/l	☐ $CHBr_2Cl$	ug/l
☐ pH, Lab	S.U.	☐ Barium, Total, Ba	ug/l	☐ $CHBr_3$	ug/l
☐ pH, $CaCO_3$ Stability	S.U.	☐ Beryllium, Total, Be	ug/l	☐ Total THM's	ug/l
☐ Alkalinity, Total, $CaCO_3$	mg/l	☐ Boron, Total, B	ug/l	☐ PCB's	ug/l
☐ Alkalinity, pH 8.3, $CaCO_3$	mg/l	☐ Cadmium, Total, Cd	ug/l	☐ Fecal Coliform	#/100 ml
☐ Alkalinity, $CaCO_3$ Stabl	mg/l	☐ Chromium, Total, Cr	ug/l	☒ TTO	
☐ Carbon Dioxide, CO_2	mg/l	☐ Chromium, Hex, Cr	ug/l	☐ See attached tables.	
☐ Acidity Total, $CaCO_3$	mg/l	☐ Cobalt, Total, Co	ug/l	☐	
☐ Acidity, pH 4.5, $CaCO_3$	mg/l	☐ Copper, Total, Cu	ug/l	☐	
☐ Hardness, Total, $CaCO_3$	mg/l	☐ Iron, Total, Fe	ug/l	☐	
☐ Hardness, Calcium, $CaCO_3$	mg/l	☐ Iron, Diss, Fe	ug/l		
☐ Residue, Total (TS)	% mg/l	☐ Lead, Total, Pb	ug/l		
☐ Residue, T Volatile	% mg/l	☐ Lithium, Total, Li	ug/l		
☐ Residue, T Nflt (SUS)	% mg/l	☐ Manganese, Total, Mn	ug/l		
☐ Residue, Vol Nflt	% mg/l	☐ Mercury, Total, Hg	ug/l		
☐ Residue, T Flt (Diss)	% mg/l	☐ Nickel, Total, Ni	ug/l		
☐ Residue, Vol Flt	% mg/l	☐ Selenium, Total, Se	ug/l		
☐ Residue, Settleable	ml/l	☐ Silver, Total, Ag	ug/l		
☐ Nitrogen, Organic, N	mg/l	☐ Thallium, Total, Tl	ug/l		
☐ Nitrogen, Ammonia, N	mg/l	☐ Tin, Total, Sn	ug/l		
☐ TKN	mg/l	☐ Titanium, Total, Ti	ug/l		
☐ Nitrite N	mg/l	☐ Zinc, Total, Zn	ug/l		
☐ Nitrate N	mg/l	☐ BOD, 5-DAY	mg/l		
☐ Nitrate + Nitrite N	mg/l	☐ COD	mg/l		
☐ Phosphorus, Total, P	mg/l	☐ Carbon, Total Org., C	mg/l		
☐ Phosphorus, Total, PO_4	mg/l	☐ Cyanide, Total, CN	mg/l		
☐ Phosphorus, Ortho, P	mg/l	☐ Cyanide, Amenable, CN	mg/l		
☐ Phosphorus, Ortho, PO_4	mg/l	☐ MBAS	mg/l		
☐ Sulfate SO_4	mg/l	☐ Organic Halogen	ug/l		
☐ Sulfite, SO_3	mg/l	☐ Oil/Grease	mg/l		

COMMENTS

___ SAFE
___ UNSAFE
___ NOT ANALYZED
___ LABORATORY ACCIDENT
___ SAMPLE TOO OLD
___ HEADSPACE IN SAMPLE
___ LEAKED/BROKEN IN TRANSIT
___ IMPROPERLY PRESERVED
___ INSUFFICIENT SAMPLE
___ INCOMPLETE INFORMATION
___
___
___

CERTIFIED CHEMISTRY LAB #4053
SIGNED: Wade E. Bayer

COPY DISTRIBUTION: WHITE - CLIENT YELLOW - MARION LAB PINK - MELMORE LAB GOLD - COMPUTER

WCI LAUNDERY
PRIORITY POLLUTANT PESTICIDE/PCB FRACTION
US EPA METHOD 608
DATE RECEIVED - 6/26/87

ATEC SAMPLE NO.	12340
CLIENT SAMPLE NO.	001 EFFLUNT
ALDRIN	<0.02
alpha-BHC	<0.02
beta-BHC	<0.02
gamma-BHC	<0.02
delta-BHC	<0.02
CHLORDANE	<0.10
4,4'-DDD	<0.02
4,4'-DDE	<0.03
4,4'-DDT	<0.03
DIELDRIN	<0.02
ENDOSULFAN I	<0.03
ENDOSULFAN II	<0.03
ENDOSULFAN SULFATE	<0.03
ENDRIN	<0.05
ENDRIN ALDEHYDE	<0.05
HEPTACHLOR	<0.03
HEPTACHLOR EPOXIDE	<0.03
TOXAPHENE	< 1.0
PCB-1016	< 1.0
PCB-1221	< 1.0
PCB-1232	< 1.0
PCB-1242	< 1.0
PCB-1248	< 1.0
PCB-1254	< 1.0
PCB-1260	< 1.0

All results are reported as ug/l.

WCI LAUNDERY
PRIORITY POLLUTANT ACID FRACTION
U.S. EPA METHOD 625
DATE RECEIVED - 6/26/87

ATEC SAMPLE NO.	12340
CLIENT SAMPLE NO.	001 EFFLUENT
2-CHLOROPHENOL	<10
2,4-DICHLOROPHENOL	<20
2,4-DIMETHYLPHENOL	<10
4,6-DINITRO-O-CRESOL	<10
2.4-DINITROPHENOL	<10
2-NITROPHENOL	<10
4-NITROPHENOL	<20
P-CHLORO-M-CRESOL	<10
PENTACHLOROPHENOL	<10
PHENOL	<10
2,4,6-TRICHLOROPHENOL	<10

The above results are reported in ug/l (ppb).

WCI LAUNDERY
PRIORITY POLLUTANT BASE-NEUTRAL FRACTION
U.S. EPA METHOD 625
DATE RECEIVED - 6/26/87

ATEC SAMPLE NO.	12340
CLIENT SAMPLE NO.	001 EFFLUENT
ACENAPHTHENE	< 1.0
ACENAPHTHYLENE	< 1.0
ANTHRACENE	< 1.0
BENZIDINE	< 5.0
BENZO(a)ANTHRACENE	< 2.0
BENZO(a)PYRENE	< 3.0
BENZO(b)FLUORANTHENE	< 3.0
BENZO(k)FLUORANTHENE	< 3.0
BENZO(ghi)PERYLENE	< 3.0
bis(2-CHLOROETHOXY)METHANE	< 3.0
bis(2-CHLOROETHYL)ETHER	< 5.0
bis(2-CHLOROISOPROPYL)ETHER	< 5.0
bis(2-ETHYLHEXYL)PHTHALATE	< 2.0
4-BROMOPHENYL PHENYL ETHER	< 2.0
BUTYL BENZYL PHTHALATE	< 2.0
2-CHLORONAPHTHALENE	< 2.0
4-CHLOROPHENYL PHENYL ETHER	< 2.0
CHRYSENE	< 2.0
DIBENZO(a,h)ANTHRACENE	< 3.0
o-DICHLOROBENZENE	< 3.0
m-DICHLOROBENZENE	< 3.0
p-DICHLOROBENZENE	< 3.0
3,3'-DICHLOROBENZIDINE	< 5.0
DIETHYL PHTHALATE	< 2.0
DIMETHYL PHTHALATE	< 2.0
DI-n-BUTYL PHTHALATE	< 2.0
2,4-DINITROTOLUENE	< 5.0
2,6-DINITROTOLUENE	< 5.0
DI-n-OCTYL PHTHALATE	< 2.0
1,2-DIPHENYLHYDRAZINE	< 5.0
FLUORANTHENE	< 2.0
FLUORENE	< 1.0
HEXACHLOROBENZENE	< 5.0
HEXACHLOROBUTADIENE	<10.0
HEXACHLOROCYCLOPENTADIENE	< 5.0
HEXACHLOROETHANE	<10.0
INDENO(1,2,3-cd)PYRENE	< 3.0
ISOPHORONE	< 3.0
NAPHTHALENE	< 1.0
NITROBENZENE	<10.0
N-NITROSODIMETHLYAMINE	<10.0
N-NIROSO-n-PROPYLAMINE	< 5.0
N-NITROSODIPHENYLAMINE	< 5.0
PHENANTHRENE	< 1.0
PYRENE	< 2.0
1,2,4-TRICHLOROBENZENE	< 3.0

ALL CONCENTRATIONS EXPRESSED AS UG/L.

WCI Laundery
Priority Pollutant Volatile Fraction
SW-846; METHOD 624
Date Received:6/26/87

ATEC Sample No.	12340
Client Sample No.	EFFLUENT
Acrolein	< 100
Acrylonitrile	< 100
Benzene	< 5.0
Bromoform	<10.0
Carbon Tetrachloride	< 5.0
Chlorobenzene	< 5.0
Chlorodibromomethane	< 5.0
Chloroethane	<10.0
2-Chloroethyl Vinyl Ether	<10.0
Chloroform	< 5.0
Dichlorobromomethane	< 5.0
Dichlorodifluoromethane	<10.0
1,1-Dichloroethane	< 5.0
1,2-Dichloroethane	< 5.0
1,1-Dichloroethene	< 5.0
1,2-Dichloropropane	< 5.0
cis-1,3-Dichloropropene	< 5.0
trans-1,3-Dichloropropene	< 5.0
Ethyl Benzene	< 5.0
Methyl Bromide	<10.0
Methyl Chloride	<10.0
Methylene Chloride	< 5.0
1,1,2,2-Tetrachloroethane	< 5.0
Tetrachloroethene	< 5.0
Toluene	< 5.0
trans-1,2-Dichloroethene	< 5.0
1,1,1-Trichloroethane	< 5.0
1,1,2-Trichloroethane	< 5.0
Trichloroethene	< 5.0
Trichlorofluoromethane	<10.0
Vinyl Chloride	<10.0
Total Xylenes	16

All results reported as ug/l.