Attachment 2
5/12/77

L. E. Carpenter

Victrex®
L.E. CARPENTER AND COMPANY
A DAYCO COMPANY
WHARTON, NEW JERSEY 07885
TELEPHONE 201-366-2020 · CABLE-CARPENCO

February 26, 1975

CHEMICALS USED AT L.E. CARPENTER & CO.

DYE HOUSE CHEMICALS

Di-Sodium Phosphate

Borax

Sodium Persulphate

Sodium Hydroxide (50%)

Hydrogen Peroxide (35%)

Direct Dyes - Brown and Black

Wetting Agents

Lauryl pentachlorophenate

PRINT SHOP CHEMICALS

Acrylic and vinyl acrylic solvent printing vehicles

Solvents

MEK	Cyclohexanone	Naphtha
MIBK	Xylol	

Printing ink color concentrates containing a variety of pigments including metals such as aluminum, cadmium, pearlessence, chromes, etc., as well as organic type pigments.

COATING DEPT. CHEMICALS

See 1/30/75 list prepared for Jersey City Water Works.

346274

Enclosure 4

VICTEX®
LE CARPENTER
AND COMPANY
A DAYCO COMPANY
WHARTON, NEW JERSEY 07885
TELEPHONE 201-366-2020 - CABLE-CARPENCO

January 30, 1975

Prepared for: Jersey City Water Works

COATING COMPOUND INGREDIENTS:

Polyvinyl chloride resins

Phthalate ester plasticizers

Phosphate plasticizers

Chlorinated paraffin plasticizers

Epoxidized Soy Bean Oil plasticizers

Stabilizers - Barium, Cadmium, Zinc compounds

Calcium Carbonate Fillers

Magnesium Hydroxide

Zinc Borate

Antimony Oxide

Pigments: primarily Titanium Dioxide. Other colors contain metallics such as cadmium, etc.

Fungicides: Bis Tri-Butyl Tin Oxide, and a condensation product of 10,10' oxybisphenoxarsine and epoxidized soy bean oil.

Calcium organic complex thickening agent

Naphtha

List of chemicals on property

Enclosure 3

L. E. CARPENTER & COMPANY
WHARTON, NEW JERSEY 07885

(B)

March 9, 1976

RE: INGREDIENTS PRESENT IN P.V.C. WASTE SLUDGE:

Polyvinyl Chloride Resin

Phthalate Plasticizer

Chlorinated Paraffin

Phosphate Plasticizer

Barium, Cadmium, Zinc, stabilizer

Xylol Solvent

Naphtha Diluent

Magnesium Hydroxide

Zinc Borate

Antimony Oxide

Epoxidized Soy Bean Oil

Calcium Carbonate

Titanium Dioxide

Color Pigments

ANTIMONY
BORON
TITANIUM
Glycol Stearate. Base proportions
Flash Point Test:

Enclosure 5

For June 1979 Deadline

Vince Monaco copy

CENTURY
Environmental Testing Labs, Inc.
P.O. Box 248/Jessup Road & Route I-295/Thorofare, N.J 08086/609/848-3939

ANALYSIS REPORT
NO 02350, 02351, 02352

CERTIFICATE OF ANALYSIS

CLIENT

Duncan Labs
2 Baker Ave.
Dover, N.J. 07801
Attn: Mr. Duncan

LOG NUMBER	SAMPLE IDENTIFICATION
02352	Wharton Well #1
02351	Wharton Well #3
02350	Wharton Well #2

SAMPLE RECEIVED 5/3/79 ANALYSIS COMPLETED 5/8/79

COLLECTED BY Mr. Duncan

RESULTS (mg/L unless specified)

TEST PARAMETER	02352	02351	02350
BOD₅*			
COD			
TOC			
Dissolved Oxygen			
Suspended Solids			
Total Solids			
Dissolved Solids			
Sett. Solids (ml/L)			
pH			
Phenols			
Cyanide (Total)			
Fluoride	**<0.01	0.01	**<0.01
Cyanide (Free)			
Surfactants (mg/L LAS)			
Oil & Grease (Freon)			
Nitrogen (KJD as N)			
Nitrogen (Ammonia as N)			
Nitrogen (Organic as N)			
Nitrite (N)			
Nitrate (N)	1.02	0.53	0.81
Phosphate (P) Total			
Phosphate (P) - Ortho			
Sulfate (SO_4)			
Sulfite (SO_3)			
Sulfide			
Color			
Turbidity (NTU)			
Conductivity (Micromhos)			
Alk (Total) as $CaCO_3$			
Fecal Coliform			
Total Coliform			

TEST PARAMETER		02352	02351	02350
Chlorine Demand				
Chlorine Residual				
Chloride (CL)				
Silica				
Petroleum HYC.				
Hardness (as $CaCO_3$)				
Xylene		(see comment)		
Aluminum				
Antimony				
Arsenic		0.020	0.023	0.023
Barium	***	<0.1	<0.1	<0.1
Boron				
Cadmium	**	<0.01	<0.01	<0.01
Calcium (Ca)				
Chromium (Total)		<0.01	<0.01	0.04
Chromium (Hexa)				
Copper				
Iron				
Lead	**	<0.01	<0.01	<0.01
Magnesium (Mg)				
Manganese				
Mercury		<0.0001	<0.0001	<0.0001
Nickel				
Potassium				
Selenium		0.012	0.023	0.013
Silver	**	<0.01	<0.01	<0.01
Sodium				
Tin				
Titanium				
Zinc				

* A minimum of 5 sample dilutions were used for this determination

** Non-detectable; below the limit of detection

LAB COMMENTS: Xylene: concentrations of xylene and isomers were detected at a level of approximately 100ppb(0.1ppm); however exact identification should be confirmed.

Robert W. Tilo

Enclosure 6

CENTURY
Environmental Testing Labs, Inc.
P.O. Box 248/Jessup Road & Route I-295/Thorofare, N.J 08086/609/848-3939

ANALYSIS REPORT
NO. 02618, 02619, 02620

CERTIFICATE OF ANALYSIS

CLIENT

Duncan Lab.
2 Baker Avenue
Dover, N.J. 07801
Attn: Mr. Duncan

LOG NUMBER	SAMPLE IDENTIFICATION
02618	Wharton Water Dept., Well #1
02619	Wharton Water Dept., Well #2
02620	Wharton Water Dept., Well #3

SAMPLE RECEIVED 5/26/79 ANALYSIS COMPLETED 5/20/79

COLLECTED BY Mr. Duncan

RESULTS (mg/L unless specified)

TEST PARAMETER	02618	02619	02620	TEST PARAMETER	02618	02619	02620
BOD				Chlorine Demand			
COD				Chlorine Residual			
TOC				Chloride (Cl)			
Dissolved Oxygen				Silica			
Suspended Solids				Petroleum HYC			
Total Solids				Hardness as $CaCO_3$			
Dissolved Solids				Xylene	<1ppb	2ppb	<1 ppb
Sett. Solids (ml/L)							
Oil							
Fecals				Aluminum			
Cyanide (Total)				Antimony			
Phenols				Arsenic			
Cyanide (Free)				Barium			
Surfactants (mg/L LAS)				Boron			
Oil & Grease (Freon)				Cadmium			
				Calcium (Ca)			
Nitrogen (KJD as N)				Chromium (Total)			
Nitrogen (Ammonia as N)				Chromium (Hex)			
Nitrogen (Organic as N)				Copper			
Nitrate (N)				Iron			
Nitrite (N)				Lead			
Phosphate (P) Total				Magnesium (Mg)			
Phosphate (P) - Ortho				Manganese			
Sulfate (SO_4)				Mercury			
Sulfite (SO_3)				Nickel			
Sulfide				Potassium			
Color				Selenium			
Turbidity (NTU)				Silver			
Conductivity (Micromohs)				Sodium			
Alkalinity as $CaCO_3$				Tin			
				Titanium			
Total Coliform				Zinc			
Fecal Coliform							

* Maximum of 5 sample dilutions were used for this determination.

** Non-detectable, below the limit of detection.

LAB COMMENT:

Enclosure 7

LABORATORY CERTIFICATION NO 06153
N.J. DEPARTMENT OF HEALTH

LAB DIRECTOR

CENTURY
Environmental Testing Labs, Inc.
P.O. Box 248/Jessup Road & Route I-295/Thorofare, N.J 08086/609/848-3939

ANALYSIS REPORT
NO. 02488

CERTIFICATE OF ANALYSIS

CLIENT

Duncan Lab.
2 Baker Avenue
Dover, N.J. 07801

LOG NUMBER
02488

SAMPLE IDENTIFICATION
Wharton Water, MacKennon School

SAMPLE RECEIVED 5/19/79
ANALYSIS COMPLETED 5/25/79
COLLECTED BY Mr. Duncan

RESULTS (mg/L unless specified)

TEST PARAMETER				TEST PARAMETER			
BOD5*				Chlorine Demand			
COD				Chlorine Residual			
TOC				Chloride (CL)			
Dissolved Oxygen				Silica			
Suspended Solids				Petroleum HYC.			
Total Solids				Hardness (as CaCO3)			
Dissolved Solids				Xylene	.1ppb		
Sett. Solids (ml/L)							
pH				Aluminum			
Phenols				Antimony			
Cyanide (Total)				Arsenic			
Fluoride				Barium			
Cyanide (Free)				Boron			
Surfactants (mg/L LAS)				Cadmium			
Oil & Grease (Freon)				Calcium (Ca)			
				Chromium (Total)			
Nitrogen (KJD as N)				Chromium (Hexa)			
Nitrogen (Ammonia as N)				Copper			
Nitrogen (Organic as N)				Iron			
Nitrite (N)				Lead			
Nitrate (N)				Magnesium (Mg)			
Phosphate (P) Total				Manganese			
Phosphate (P) - Ortho				Mercury			
Sulfate (SO4)				Nickel			
Sulfide (SO4)				Potassium			
Sulfide				Selenium			
Color				Silver			
Turbidity (NTU)				Sodium			
Conductivity (Micromohs)				Tin			
Alk (Total) as CaCO3				Titanium			
				Zinc			
Fecal Coliform							
Total Coliform							

* A minimum of 5 sample dilutions were used for this determination.
** Nondetectable, below the limit of detection.

LAB COMMENT:

Enclosure 8

LAB CERTIFICATION NO. 00153
NJ DEPARTMENT OF HEALTH

ROCKAWAY VALLEY REGIONAL SEWERAGE AUTHORITY

ANALYSIS OF TEST PIT SAMPLES - L. E. CARPENTER & COMPANY

ANALYSIS	SAMPLE #1 WATER PHASE	SAMPLE #1 MIXED PHASE	SAMPLE #2 WATER PHASE	SAMPLE #2 MIXED PHASE	SAMPLE #3 MIXED PHASE	SAMPLE #4 MIXED PHASE	SAMPLE #5 WATER PHASE	SAMPLE #6 WATER PHASE	SAMPLE #7 WATER PHASE	SAMPLE #8 WATER PHASE	SAMPLE #9 WATER PHASE
GENERAL											
pH	7.5	-	7.1	-	7.2	7.1					
COD	700.	2[illegible],000	170	17,500	290	80.	3.	857.	277.	94.	-
BOD	-	5,600	-	9,000	90	?.					
Oil & Grease	3,100	>20,000*	6,300	>20,000*	80	20.					
TSS	250.	-	110	-	240.	692.					
TVDS	80.	-	110	-	184.	294.					
ORGANICS											
Phthalic	30.	14,300	N	5,300	11.	1.2					
Esters	-	-	O	-	-	-					
Dioctyl Phthalate	25.	9,000	T	3,300	7.	0.8					
Dimethyl Phthalate	10.	3,600	AVAILABLE	1,300	3.	0.3					
Xylene	200.	6,200.	200.	1,900.	26.	< 0.10	0.002	100	2.5	0.004	0.003
Polyalkylene-Glycol	0.0	0.0	0.0	0.0	0.0	0.0					
Phenols	0.65	-	-	0.39	< 0.10	< 0.10					
HEAVY METALS											
Antimony	< 0.10	NOT AVAILABLE	< 0.10	NOT AVAILABLE	< 0.10	< 0.10					
Titanium	0.12		0.08		< 0.05	< 0.05					
Tin	< 0.20		< 0.20		< 0.20	< 0.20					
Cadmium	< 0.005	0.006	< 0.005	0.007	< 0.005	< 0.005					
Lead	< 0.02	0.04	< 0.02	< 0.020	0.155	< 0.020					
Nickel	< 0.005	0.065	< 0.005	0.045	< 0.005	< 0.005					
Zinc	0.020	0.166	0.019	0.125	0.037	< 0.005					
Mercury	< 0.0001	0.0008	< 0.0001	< 0.0001	0.0004	< 0.0001					
Arsenic	< 0.001	0.011	0.004	0.013	0.009	< 0.001					

NOTES:
1) Samples #1 through #4 collected 1/4/79
2) Samples #5 through #8 collected 3/16/79
3) Sample #9 collected 4/3/79
4) Sample #5 was taken from an open drainage ditch.

RESULTS IN MG/L

*APPROXIMATE OIL & GREASE VALUES

Enclosure 9