

## STATE OF CONNECTICUT

Thank You for Sharing Your Idea.

Please send your ideas to: Employees' Suggestion Awards Program, 165 Capitol Ave., Hartford, 06115.

PAT

## Interdepartment Message

STO-201 REV. 11/81 STATE OF CONNECTICUT  
(Stock No. 6938-051-01)

SAVE TIME: Handwritten messages are acceptable.

Use carbon if you really need a copy. If typewritten, ignore faint lines.

To	NAME PAT BOWE	TITLE PRINCIPAL ANALYST	DATE 9/16/83
	AGENCY HAZARDOUS WASTE UNIT	ADDRESS 122 WASHINGTON ST, HTPD.CT	
From	NAME MICHAEL McDANIEL	TITLE FIELD INSPECTOR I	TELEPHONE 566 8843
	AGENCY SAME	ADDRESS SAME	
SUBJECT COMPLAINT # 303 MARINO PROPERTY MIDDLETOWN			

11:00 A.M. DOUG ZIMMERMAN<sup>SEASONAL MAINTAINER WITH HAZ. WASTE UNIT</sup> AND I ARRIVED AT THE MARINO PROPERTY TO GATHER EVIDENCE (IF POSSIBLE) OF PAST HAZARDOUS WASTE DUMPING.

MR. + MRS. MARINO WERE NOT IN BUT WE DID INFORM THEIR SECRETARY THAT DOUG AND I WOULD BE INSPECTING THE WESTERN PORTION OF THEIR PROPERTY.

NEAR THE WESTERN PORTION (EDGE) OF THE PROPERTY WE LOCATED A STEEP BANK THAT DROPPED DOWN  $\approx 20'$  TO A SEMI-DRY STREAMBED. THE STREAMBED STARTS AT THE SOUTHERN MOST PART OF THE MARINO PROPERTY AND RUNS ALONG THE BASE OF THE BANK FOR  $\approx 1/4$  MILE UNTIL IT EMPTIES INTO THE ADJACENT BROOK (RIVER) WHICH THEN RUNS INTO THE NEARBY CONN. RIVER.

WE DISCOVERED THAT THE BANK IS THE RESULT OF  $\approx 20'$  OF FILL THAT COVERS MOST OF THE MARINO PROPERTY.

DOUG AND I CLIMBED DOWN THE STEEP BANK AND STARTED WALKING SOUTHWARD ALONG THE SEMI-DRY STREAMBED. WE NOTICED 8 HEAVILY RUSTED 55 GAL DRUMS SCATTERED ALONG BOTH SIDES OF THE STREAMBED. TWO OF THE DRUMS CONTAINED A LIQUID ( $> 1/2$  FULL) WHILE THE OTHER 6 DRUMS WERE EMPTY. WE TOOK 2 SAMPLES FROM EACH DRUM (SAMPLES # 1960 AND 1961). ONE OF THE DRUMS WAS LAYING ON IT SIDE ABOUT  $1/2$  WAY UP THE BANK WHILE THE OTHER DRUM WAS FOUND UPSIDE DOWN IN THE STREAMBED. SAMPLE #1960 WAS A YELLOWISH RUST COLOR AND SAMPLE 1961 SEEMED TO BE FOR THE MOST PART WATER.

WHILE WALKING UP THE STREAMBED WE NOTICED

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To	NAME	TITLE	DATE
	AGENCY	ADDRESS	
From	NAME	TITLE	TELEPHONE
	AGENCY	ADDRESS	

SUBJECT

COMPLAINT # 303

THAT THE STREAMBED WAS AN OILY BLACK IN SEVERAL LOCATIONS. WE TOOK 2 SAMPLES OF THIS BLACK MUD (SAMPLE # 1965).

WE ALSO NOTICED THAT SOME OF THE ISOLATED SURFACE WATER HAD AN OILY SHEEN AT THE TOP (ONE SAMPLE WAS TAKEN # 1959).

SOME OF THE SLOW MOVING SURFACE WATER NEAR THE MOUTH OF THE STREAMBED (BEFORE IT ENTERS THE ADJACENT RIVER) WAS A YELLOWISH-RUST COLOR WITH YELLOW SCUM FLOATING AT THE SURFACE (TWO SAMPLES TAKEN # 1963).

DOUG AND I ALSO DUG 2 PITS (ONE ON SOUTHERN END AND ONE ON NORTHERN END) ~ 2-3' DEEP AND 3' FROM STREAMBED AT THE BASE OF THE FILLED BANK. SAMPLES (2) OF THE LEACHATE WAS TAKEN AT EACH PIT (SAMPLES # 1958 AND 1962).

ALONG THE 20' FILL AREA WE NOTICED A GREAT DEAL OF CONSTRUCTION MATERIAL, RAILROAD TIMBER, AND ALL KINDS OF JUNK.

ON THE TOP OF THE FILL AREA IN THE NORTHWESTERN PORTION (A 20' FROM BANK) WE FOUND A SMALL PILE OF PRINTING MATERIAL (1+5 GAL CANS BRUSHES PLASTER) <sup>(3' x 8' x 1')</sup>. ONE 5 GAL CAN CONTAIN ~ 2/3 FULL OF PAINT (SAMPLES (2) # 1964). MOST OF THE PAINT IN THE CANS WAS SOLIDIFIED.

AFTER DEPARTING THE MARINO PROPERTY WITH OUR SAMPLES WE WENT TO THE ADJACENT SEWAGE PLANT AND TALKED WITH SAM MONCATA - PLANT SUPERVISOR. MR. MONCATA GREW UP NEAR THE SITE AND REMEMBERS

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STO-201 REV. 11/81 STATE OF CONNECTICUT  
(Stock No. 6938-051-01)

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From	NAME	TITLE	TELEPHONE
	AGENCY	ADDRESS	
SUBJECT <u>COMPLAINT #303</u>			

ICE SKATING ON THE MARINO PROPERTY (OWNED BY SOME MFG. FIRM THEN) WHEN HE WAS A YOUNG BOY (THE SITE WAS A WETLAND BEFORE IT WAS FILLED).

MR. MANCATA (WORKING FOR THE CITY OF MIDDLETOWN FOR 25 YRS.) SAID THAT THE MARINO PROPERTY WAS UTILIZED AS THE CITY LANDFILL FROM THE 1930'S UNTIL 1955. THE CITY HAD AN AGREEMENT WITH THE MFG. CO. (LAND OWNERS) TO USE THE WETLAND AS A LANDFILL IN ORDER TO CLAIM SOME OF THE WETLAND AS USEFUL PROPERTY IN THE FUTURE. (SEE 1934 AERIAL PHOTO OF AREA - MARINO PROPERTY WAS MOSTLY UNDER WATER IN 1934.).

MR. MANCATA SAID THAT HE REMEMBERS THE LANDFILL ON FIRE AT LEAST ONCE A WEEK. THE CITY ALSO DUMP ASHES FROM THE BURNING OF GARBAGE IN THE NEARBY INCINERATOR (STOPPED BURNING 1964).

IN 1955 THE LANDFILL ON THE NOW MARINO PROPERTY WAS COVERED OVER AS THE NEW RT. 9 WAS CONSTRUCTED. THE TOWN'S LANDFILL WAS RELOCATED JUST NORTH OF TOWN IN 1955.

BEFORE THE OLD LANDFILL WAS COVERED MR. MANCATA REMEMBERS (AS HE WALKED THROUGH THE LANDFILL IN THE EARLY 1950'S) SEEING DRUMS LAYING ALL ABOUT. HE ALSO REMEMBERS SEEING ~ 50 DRUMS STACKED NEAR THE OMO MFG. BLDG (NOW MARINO). HE'S NOT SURE WHAT HAPPENED TO THE STACKED DRUMS. OMO MFG. CO. MADE A RUBBERIZED LEATHER PRODUCT.

MR. MANCATA SAID THAT IN 1971-72 THE CITY CONTRACTED NEALOWS CONSTRUCTION (BANKRUPT NOW) OF NEW HAMPSHIRE

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Interdepartment Message

STO-201 REV. 11/81 STATE OF CONNECTICUT  
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To	NAME	TITLE	DATE
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From	NAME	TITLE	TELEPHONE
	AGENCY	ADDRESS	
SUBJECT COMPLAINT # 303			

TO LAY A SEWER PIPE THROUGH THE NORTHWEST PORTION OF MARINO'S PROPERTY TO THE NEW SEWAGE PLANT. HE SAID THAT THE CONSTRUCTION COMPANY HAD A DIFFICULT TIME DIGGING THROUGH THE FILLED AREA DUE TO A GREAT DEAL OF BARRELS AND JUNK. HE WASN'T SURE IF ANY OF THE BARRELS CONTAINED ANYTHING.

ACCORDING TO MR. MANCATA, MR. MARINO COVERED HIS WHOLE BACK PROPERTY WITH  $\approx$  2-3' OF SOIL (FILL) <sup>1973-74</sup>. MR. MARINO GOT INTO A LITTLE TROUBLE WITH THE TOWN BECAUSE THE FILL HE USED ON HIS PROPERTY WAS SUPPOSE TO GO TO THE LANDFILL NORTH OF TOWN.

AS A RESULT OF THIS INVESTIGATION THE SITE IN QUESTION (MARINO PROPERTY) WAS FOUND TO HAVE BEEN USED AS A TOWN LANDFILL FROM 1930-1955. THE SITE ALSO RECEIVED ASHES FROM THE TOWN INCINERATOR UNTIL 1955. THE SITE PROBABLY RECEIVED A CONSIDERABLE AMOUNT OF INDUSTRIAL WASTE FROM ONSITE INDUSTRY AS WELL AS OFF SITE.

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Interdepartment Message

STO-201 REV. 11/81 STATE OF CONNECTICUT  
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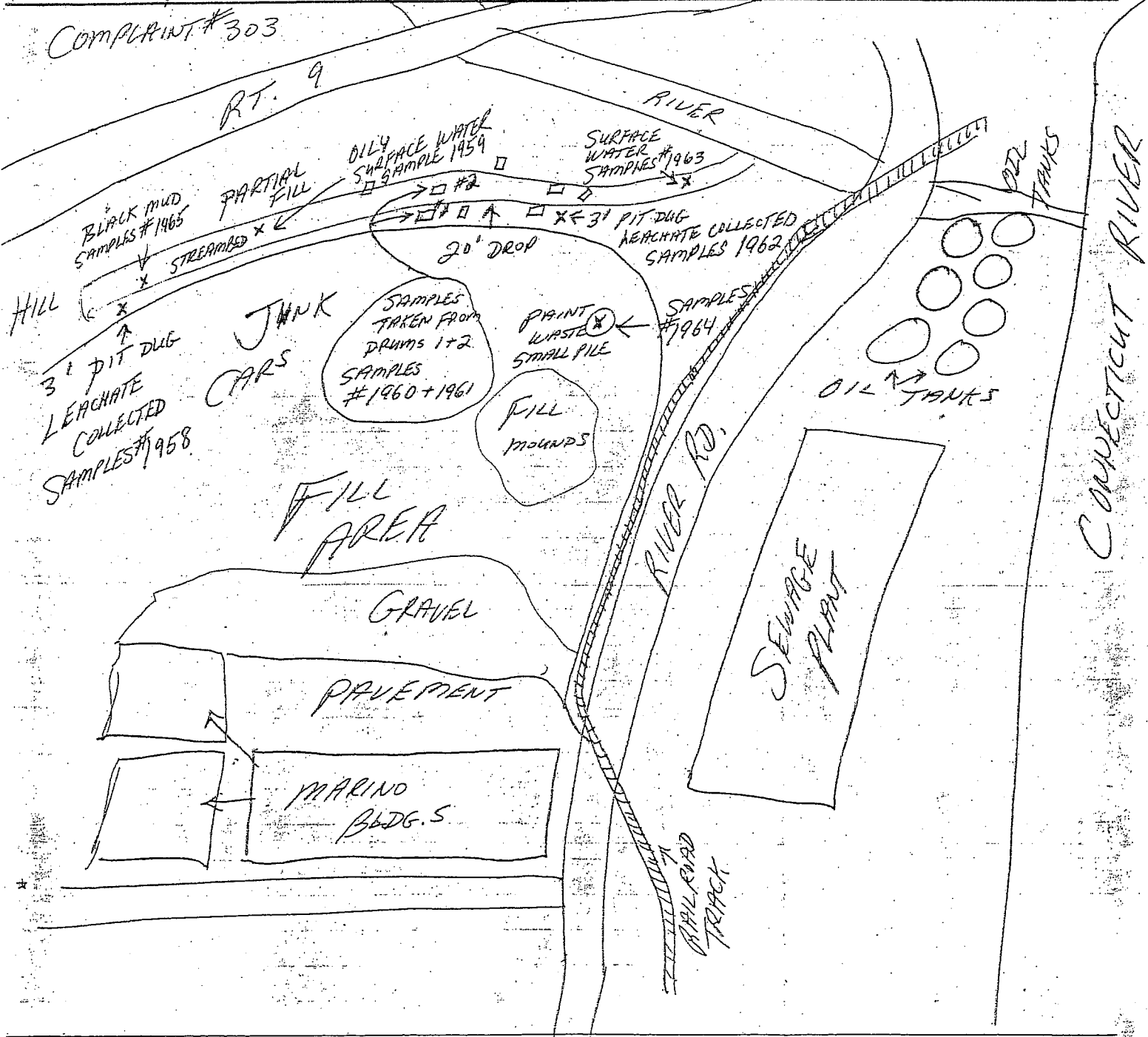
Use carbon if you really need a copy. If typewritten, ignore faint lines.

To	NAME	TITLE	DATE
	AGENCY	ADDRESS	
From	NAME	TITLE	TELEPHONE
	AGENCY	ADDRESS	

SUBJECT

MARINO PROPERTY

COMPLAINT #303



SAVE TIME: If convenient, handwrite reply to sender on this same sheet.

PHONE 566-5625

STATE OF CONNECTICUT  
DEPARTMENT OF HEALTH SERVICES

LABORATORY DIVISION

P.O. BOX 1682, HARTFORD CT 06101

PRIORITY # 5  
SEP 19 10 45 AM '83  
10 CLINTON STREETSAMPLE  
INVOICE

SURFACE WATER

## SAMPLES OF SEWAGE OR TRADE WASTE

To be filled in by person collecting samples

From

MARINO PROPERTY

in town of

MIDDLETOWN

83

Sample of sewage ( ), trade waste ( ), sludge ( ), or

DISCARDED DRUMS (2)

LEACHATE + SURFACE WATER

Name of treatment plant

Owned by

Plant processes or treatment

RECEIVED

OCT 17 1983

HAZARDOUS MATERIALS  
MANAGEMENT UNIT

Collected by

DEPT. OF ENVIRONMENTAL PROTECTION

Report to

HAZARDOUS MATERIALS MANAGEMENT UNIT

HAZARDOUS WASTE SECTION

On

9/16/83

Shipped on

Run 13

9/19/83

Post Box

X 4869 / 8843

Laboratory Number	Number	Sample of	Collected From	Composite		Time of Collection
				Yes or No	Min. Apart	
26165	1958	WATER LEACHATE OILY WATER	3' PIT DUG SURFACE WATER STREAMBED	NO	5	11:45 AM
26166	1959	RUST COLOR LIQUID	DRUM ON BANK			11:50
26167	1960	WATER	DRUM ON STREAMBED			11:55
26168	1961	WATER	2' PIT DUG			12:00
26169	1962	WATER	STREAM 10' BEFORE BROOK			12:05
26170	1963	PAINT	5 GAL PAINT CAN.			12:10
26171	1964	OILY MUD	STREAMBED SOUTHERN MOST			12:15
26172	1965					12:20 PM

No. and Kind of Bottles

8 BROWN HC BOTTLES

OL-33 Rev. 10-82

PLEASE TEST FOR: TBO + 1 plastic jar

① HC - QUALIFY + QUANTIFY

Director

CHAIN OF CUSTODY RECORD

TEL: (203) 566-5712

Proj No	Project Name
1	Project 1
2	Project 2
3	Project 3
4	Project 4
5	Project 5
6	Project 6
7	Project 7
8	Project 8
9	Project 9
10	Project 10
11	Project 11
12	Project 12
13	Project 13
14	Project 14
15	Project 15
16	Project 16
17	Project 17
18	Project 18
19	Project 19
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94	Project 94
95	Project 95
96	Project 96
97	Project 97
98	Project 98
99	Project 99
100	Project 100

54.1

53121

MARINO PROPERTY IN DETAIL

1

James M. Smith

STA NO	DATE
1	1/1/1970
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35

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COMPOSITE  
LIQUID  
SOLID  
GRAB SAMPLE

CONTAINER

Remarks

26165	9/16	1145 AM	1958	3'	PIT	DUG BASE OF ROADWAY
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26166 9/16 11:50 1959 SUFFOLK WATER STEAMBOAT

26167	9/11	last	DRW	012 130011
-------	------	------	-----	------------

06-250	9"	1:35	1:00	Drum or Pan.
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DECLASSIFIED

26169 4/16 12:05 1977 2' PIT DILL. ROSE OF SHAW

[illegible]

0210	10	780	963	S/ATM H <sub>2</sub> O	10' KLM Bkce
------	----	-----	-----	------------------------	--------------

DATE	DESCRIPTION
12/16/1916	5 GR. DRUIT CAR
12/15/1914	

26172	9/16	1/30	1/9/15	STEEBARDT Co. 2160110-4
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LEACHATE  
SURFACE WATER (ONLY)  
RUST COLOR 2.5 -  
WATER  
LEACHATE  
SURFACE H<sub>2</sub>O  
RAIN  
ONLY mud

RECEIVED

CC-1 7 1983

HAZARDOUS MATERIALS  
MANAGEMENT UNIT

Reinquisted by (Signature)

[illegible]

1	1	1
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Reinforced by

Case Time

— 10 —

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Revised by 15-10-10

Category

10. 1/2

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1

9/6/83 15.46

Enforcement samples, no information will be released prior to disposition of case.

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER 26165 (1958)  
HYDROCARBONS Headspace F45

Telephone: 566-5494

Analyzed: 9/20/83

NAME	Micrograms per Liter	NAME	Micrograms per Liter
ACETONE		METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE	TRACE	PARA-XYLENE	

CONCLUSION:

M. C. LANTIERI

OCT 14 1983

Director: Dr. Jesse S. Tucker



10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26166 (1959)  
Headspace F45

Telephone: 566-5494

Analyzed: 9/20/83

NAME	Micrograms per Liter	NAME	Micrograms per Liter
ACETONE		METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELIOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE	MAJOR	PARA-XYLENE	

CONCLUSION:

M. C. LANTIER

OCT 14 1983

Director: Dr. Jesse S. Tucker

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26167 (1960)  
Headspace F45

Telephone: 566-5494

Analyzed: 9/20/83

NAME	Micrograms per Liter	NAME	Micrograms per Lit
ACETONE		METHANOL	
BENZENE	21	METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELIOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	21
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE	RECEIVED OCT 17 1983 HAZARDOUS MATERIALS MANAGEMENT UNIT	TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		Ethyl Benzene META-XYLENE	3 (Mixed)
HEXANE		ORTHO-XYLENE	
METHANE		PARA-XYLENE	

CONCLUSION: Configuration: Elution pattern is that of traces of early eluting hydrocarbons in water.

Identified Contaminants: Listed Above OCT 14 1983

M. C. LANTIER

Director: Dr. Jesse S. Tucker

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26168 (1961)  
Headspace F45

Telephone: 566-5494

Analyzed: 9/21/83

NAME	Micrograms per Liter	NAME	Micrograms per
ACETONE		METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE	MAJOR	PARA-XYLENE	

CONCLUSION:

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HAZARDOUS MATERIALS  
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Director: Dr. Jesse S. Tucker

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26169 (1962)  
Headspace F45

Telephone: 566-5494

Analyzed: 9/28/83

NAME	Micrograms per Liter	NAME	Micrograms per Liter
ACETONE		METHANOL	
BENZENE	(AREA) 21	METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
SEC-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE	RECEIVED	TOLUENE	
ETHANOL	OCT 17 1983	1,1,1-TRICHLOROETHANE	
ETHYL ACETATE	HAZARDOUS MATERIALS MANAGEMENT UNIT	TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		Ethyl Benzene META-XYLENE	
HEXANE		ORTHO-XYLENE	6
METHANE	TRACE	PARA-XYLENE	(Mixed)

CONCLUSION: Configuration: Elution pattern is that of traces of early eluting hydrocarbons in water.  
Identified Contaminants: Listed Above

OCT 14 1983

Director: Dr. Jesse S. Tucker

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26170 (1963)  
Headspace F-45

Telephone: 566-5494

Analysis: 9/28/83

NAME	Micrograms per Liter	NAME	Micrograms per Liter
ACETONE		METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRA BROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE		PARA-XYLENE	

CONCLUSION: Configuration: Elution pattern is that of traces of early eluting hydrocarbons in water.

M. C. LANTIER

OCT 14 1983

Director: Dr. Jesse S. Tucker

10 Clinton Street  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26171 (1964)  
Headspace F45, 3920B

Telephone: 566-5494

Analyzed: 10/5/83

NAME	Micrograms per Liter	NAME	Micrograms per Lit
ACETONE	850,000	METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL iso-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
iso-BUTANOL		METHYL ETHYL KETONE	1,000,000
sec-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
iso-BUTYL ACETATE		iso-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		iso-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		iso-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	750,000
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		Ethyl Benzene META-XYLENE	
HEXANE		ORTHO-XYLENE	14,000,000
METHANE		PARA-XYLENE	(Mixed)
CONCLUSION: Configuration:		Ethyl Cellosolve	CNQ * (AREA)

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Elution pattern is that of a paint thinner.  
Reference Std: Paint Thinner (GC-PT-5)

Identified Components: Listed Above

OCT 14 1983

M. C. LANTIER

Director: Dr. Jesse S. Tucker

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TO Winton  
Hartford, Connecticut

LABORATORY NUMBER  
HYDROCARBONS

26172 (1965)  
Headspace F4.5

Telephone: 566-5494

Analyzed: 10/5/83

NAME	Micrograms per Liter	NAME	Micrograms per Liter
ACETONE		METHANOL	
BENZENE		METHYL ACETATE	
BROMOCHLOROMETHANE		METHYL 150-BUTYL KETONE	
BROMOETHANE		METHYL CELLOSOLVE	
BROMODICHLOROMETHANE		METHYL CYCLOHEXANE	
BUTANE		METHYL CYCLOPENTANE	
BUTANOL		METHYLENE CHLORIDE	
150-BUTANOL		METHYL ETHYL KETONE	
SEC-BUTANOL		NONANE	
BUTYL ACETATE		OCTANE	
150-BUTYL ACETATE		150-OCTANE	
CARBON TETRACHLORIDE		PENTANE	
CHLOROBENZENE		PROPANOL	
1-CHLOROBUTANE		150-PROPANOL	
2-CHLOROBUTANE		PROPYL ACETATE	
CHLOROFORM		150-PROPYL ACETATE	
CYCLOHEXANE		STYRENE	
DIBROMOMETHANE		1,1,2,2-TETRABROMOETHANE	
1, 2-DICHLOROETHANE		1,1,1,2-TETRACHLOROETHANE	
1, 2-DICHLOROETHENE		1,1,2,2-TETRACHLOROETHANE	
1, 1-DICHLOROETHYLENE		TETRACHLOROETHYLENE	
1, 2-DICHLOROPROPANE		TOLUENE	
ETHANOL		1,1,1-TRICHLOROETHANE	
ETHYL ACETATE		TRICHLOROETHYLENE	
ETHYL BENZENE		TRICHLOROTRIFLUOROETHANE	
FORMALDEHYDE		VINYL ACETATE	
HEPTANE		META-XYLENE	
HEXANE		ORTHO-XYLENE	
METHANE		PARA-XYLENE	

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CONCLUSION: Configuration: Elution pattern is that of early eluting components characteristically found in an organic soil plus a trace of an unidentified petroleum product.

OCT 14 1983

M. C. LANTIER

Director: Dr. Jesse S. Tucker