



STATE LABORATORY OF HYGIENE

University of Wisconsin Center for Health Sciences

AREA CODE 608
TEL. NO. 262-1293

WILLIAM D. STOVALL BUILDING
465 HENRY MALL
MADISON, WISCONSIN
53706

MEMORANDUM

Date: October 12, 1989

To: Rich Eakins

From: David Degenhardt *DD*

State Laboratory of Hygiene sample 0921, soil beneath drum S-23, may contain the compounds listed below according to tentative computer identification from gas chromatography/mass spectroscopy analysis. The concentration of contaminants could not be determined, nor has the presence of the compounds been confirmed by alternative analysis techniques.

acetone
naphthalene
methyl naphthalenes

If you have any questions, contact me at (608) 262-2797.

DD/jk/dave.921

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

Environmental Science Section

(608) 262-2797

DNR LAB ID 113133790

Organic chemistry (#4 of 6 on 10/16/89)

Id: Point/Well/..: Field #: Route: SW70

Collection Date: 09/19/89 Time: 12:21 County: 64 (Vilas)

From: S-23-1, SOIL BENEATH DRUM S-23, SYLVAN PROPERTY

To: RICH EAKINS

DNR

Source: Soil

WAUSAU

Account number: SW027

Collected by: RICH EAKINS

Date Received: 09/20/89

Labslip #: OA000921

Reported: 10/13/89

BROMODICHLOROMETHANE	ND (qualitative) #1
BROMOFORM	ND (qualitative) #1
BROMOMETHANE	ND (qualitative) #1
CARBON DISULFIDE	ND (qualitative) #1
CARBON TETRACHLORIDE	ND (qualitative) #1
CHLOROBENZENE	ND (qualitative) #1
CHLOROETHANE	ND (qualitative) #1
2-CHLOROETHYL VINYL ETHER	ND (qualitative) #1
CHLOROFORM	ND (qualitative) #1
O-CHLOROTOLUENE	ND (qualitative) #1
P-CHLOROTOLUENE	ND (qualitative) #1
DIBROMOMETHANE	ND (qualitative) #1
DIBROMOCHLOROMETHANE	ND (qualitative) #1
1,2-DIBROMO-3-CHLOROPROPANE	ND (qualitative) #1
1,2-DICHLOROBENZENE	ND (qualitative) #1
1,3-DICHLOROBENZENE	ND (qualitative) #1
1,4-DICHLOROBENZENE	ND (qualitative) #1
1,1-DICHLOROETHANE	ND (qualitative) #1
1,2-DICHLOROETHANE	ND (qualitative) #1
1,2-DICHLOROETHYLENE, CIS	ND (qualitative) #1
1,1-DICHLOROETHYLENE	ND (qualitative) #1
1,2-DICHLOROETHYLENE, TRANS	ND (qualitative) #1
1,3-DICHLOROPROPANE	ND (qualitative) #1
1,1-DICHLOROPROPENE	ND (qualitative) #1
1,2-DICHLOROPROPANE	ND (qualitative) #1
2,2-DICHLOROPROPANE	ND (qualitative) #1
1,3-DICHLOROPROPENE, CIS	ND (qualitative) #1
1,3-DICHLOROPROPENE, TRANS	ND (qualitative) #1
ETHYLENE DIBROMIDE	ND (qualitative) #1
METHYLETHYLKETONE (MEK)	ND (qualitative) #1
METHYLENE CHLORIDE	ND (qualitative) #1
1,1,1,2-TETRACHLOROETHANE	ND (qualitative) #1
1,1,2,2-TETRACHLOROETHANE	ND (qualitative) #1
TETRACHLOROETHYLENE	ND (qualitative) #1
TETRAHYDROFURAN (THF)	ND (qualitative) #1

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

Environmental Science Section

(608) 262-2797

DNR LAB ID 113133790

... continuing Labslip # OA000921

1,2,4-TRICHLOROBENZENE	ND (qualitative) #1
1,1,1-TRICHLOROETHANE	ND (qualitative) #1
1,1,2-TRICHLOROETHANE	ND (qualitative) #1
TRICHLOROETHYLENE	ND (qualitative) #1
TRICHLOROFLUOROMETHANE	ND (qualitative) #1
TRICHLOROTRIFLUOROETHANE	ND (qualitative) #1
1,2,3-TRICHLOROPROPANE	ND (qualitative) #1
VINYL CHLORIDE	ND (qualitative) #1
BENZENE	+ D (qualitative) #1
BENZENE	<0.25 UG/G
BROMOBENZENE	ND (qualitative) #1
BROMOBENZENE	<0.25 UG/G
ETHYLBENZENE	+ D (qualitative) #1
ETHYLBENZENE	<0.25 UG/G
STYRENE	ND (qualitative) #1
STYRENE	<0.25 UG/G
TOLUENE	+ D (qualitative) #1
TOLUENE	+ 0.49 UG/G
XYLENES	+ D (qualitative) #1
XYLENES	+ 0.65 UG/G
PURGE & TRAP PREP : VOLATILE ORGANICS IN SOIL	C
GCMS PREP : SOLIDS	C

=== Footnotes ===

+: Positive results are prefixed by a plus sign.

Remark #1: SEE THE MEMO ATTACHED TO THE LAB SHEET

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

Environmental Science Section

(608) 262-2797

DNR LAB ID 113133790

Organic chemistry (#3 of 6 on 10/16/89)

Id: Point/Well/..: Field #: Route: SW70

Collection Date: 09/19/89 Time: 12:10 County: 64 (Vilas)

From: PRE S-27-3, SOIL BENEATH DRUM S-27, SYLVAN PROPERTY

To: RICH EAKINS

DNR

Source: Soil

WAUSAU

Account number: SW027

Collected by: RICH EAKINS

Date Received: 09/20/89

Labslip #: 0A000920

Reported: 10/13/89

BENZENE ND (qualitative)
BROMOBENZENE ND (qualitative)
CARBON DISULFIDE ND (qualitative)
ETHYLBENZENE ND (qualitative)
METHYLETHYLKETONE (MEK) ND (qualitative)

STYRENE ND (qualitative)
TETRAHYDROFURAN (THF) ND (qualitative)
TOLUENE ND (qualitative)
XYLENES ND (qualitative)
BROMODICHLOROMETHANE ND (qualitative)

BROMODICHLOROMETHANE <0.25 UG/G
BROMOFORM ND (qualitative)
BROMOFORM <0.25 UG/G
BROMOMETHANE ND (qualitative)
BROMOMETHANE <0.25 UG/G

CARBON TETRACHLORIDE ND (qualitative)
CARBON TETRACHLORIDE <0.25 UG/G
CHLOROBENZENE ND (qualitative)
CHLOROBENZENE <0.25 UG/G
CHLOROETHANE ND (qualitative)

CHLOROETHANE <0.25 UG/G
2-CHLOROETHYL VINYL ETHER ND (qualitative)
2-CHLOROETHYL VINYL ETHER <0.25 UG/G
CHLOROFORM ND (qualitative)
CHLOROFORM <0.25 UG/G

O-CHLOROTOLUENE ND (qualitative)
O-CHLOROTOLUENE <0.25 UG/G
P-CHLOROTOLUENE ND (qualitative)
P-CHLOROTOLUENE <0.25 UG/G
DIBROMOMETHANE ND (qualitative)

DIBROMOMETHANE <0.25 UG/G
DIBROMOCHLOROMETHANE ND (qualitative)
DIBROMOCHLOROMETHANE <0.25 UG/G
1,2-DIBROMO-3-CHLOROPROPANE ND (qualitative)
1,2-DIBROMO-3-CHLOROPROPANE <0.25 UG/G

State Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

Environmental Science Section

(608) 262-2797

DNR LAB ID 113133790

... continuing Labslip # OA000920

1,2-DICHLOROBENZENE	ND (qualitative)
1,2-DICHLOROBENZENE	<0.25 UG/G
1,3-DICHLOROBENZENE	ND (qualitative)
1,3-DICHLOROBENZENE	<0.25 UG/G
1,4-DICHLOROBENZENE	ND (qualitative)
1,4-DICHLOROBENZENE	<0.25 UG/G
1,1-DICHLOROETHANE	ND (qualitative)
1,1-DICHLOROETHANE	<0.25 UG/G
1,2-DICHLOROETHANE	ND (qualitative)
1,2-DICHLOROETHANE	<0.25 UG/G
1,2-DICHLOROETHYLENE, CIS	ND (qualitative)
1,2-DICHLOROETHYLENE, CIS	<0.25 UG/G
1,1-DICHLOROETHYLENE	ND (qualitative)
1,1-DICHLOROETHYLENE	<0.25 UG/G
1,2-DICHLOROETHYLENE, TRANS	ND (qualitative)
1,2-DICHLOROETHYLENE, TRANS	<0.25 UG/G
1,3-DICHLOROPROPANE	ND (qualitative)
1,3-DICHLOROPROPANE	<0.25 UG/G
1,1-DICHLOROPROPENE	ND (qualitative)
1,1-DICHLOROPROPENE	<0.25 UG/G
1,2-DICHLOROPROPANE	ND (qualitative)
1,2-DICHLOROPROPANE	<0.25 UG/G
2,2-DICHLOROPROPANE	ND (qualitative)
2,2-DICHLOROPROPANE	<0.25 UG/G
1,3-DICHLOROPROPENE, CIS	ND (qualitative)
1,3-DICHLOROPROPENE, CIS	<0.25 UG/G
1,3-DICHLOROPROPENE, TRANS	ND (qualitative)
1,3-DICHLOROPROPENE, TRANS	<0.25 UG/G
ETHYLENE DIBROMIDE	ND (qualitative)
ETHYLENE DIBROMIDE	<0.25 UG/G
METHYLENE CHLORIDE	ND (qualitative)
METHYLENE CHLORIDE	<0.25 UG/G
1,1,1,2-TETRACHLOROETHANE	ND (qualitative)
1,1,1,2-TETRACHLOROETHANE	<0.25 UG/G
1,1,2,2-TETRACHLOROETHANE	ND (qualitative)
1,1,2,2-TETRACHLOROETHANE	<0.25 UG/G
TETRACHLOROETHYLENE	ND (qualitative)
TETRACHLOROETHYLENE	<0.25 UG/G
1,2,4-TRICHLOROBENZENE	ND (qualitative)
1,2,4-TRICHLOROBENZENE	<0.25 UG/G
1,1,1-TRICHLOROETHANE	+ D (qualitative)
1,1,1-TRICHLOROETHANE	<0.25 UG/G
1,1,2-TRICHLOROETHANE	ND (qualitative)
1,1,2-TRICHLOROETHANE	<0.25 UG/G
TRICHLOROETHYLENE	ND (qualitative)

Sta Laboratory of Hygiene
University of Wisconsin Center for Health Sciences
465 Henry Mall, Madison, WI 53706

R.H. Laessig, Ph.D., Director

S.L. Inhorn, M.D., Medical Director

Environmental Science Section

(608) 262-2797

DNR LAB ID 113133790

... continuing Labslip # OA000920

TRICHLOROETHYLENE	<0.25	UG/G
TRICHLOROFLUOROMETHANE	ND (qualitative)	
TRICHLOROFLUOROMETHANE	<0.25	UG/G
TRICHLOROTRIFLUOROETHANE	ND (qualitative)	
TRICHLOROTRIFLUOROETHANE	<0.25	UG/G
1,2,3-TRICHLOROPROPANE	ND (qualitative)	
1,2,3-TRICHLOROPROPANE	<0.25	UG/G
VINYL CHLORIDE	ND (qualitative)	
VINYL CHLORIDE	<0.25	UG/G
PURGE & TRAP PREP : VOLATILE ORGANICS IN SOIL	C	
GCMS PREP : SOLIDS	C	

--- Footnotes ---

+: Positive results are prefixed by a plus sign.