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 24, 1989

To: Rich Eakins

From: David Degenhardt

State Laboratory of Hygiene sample 6981, waste from the Sylvan Property, 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.

hydrocarbons

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

DD/jk/dave.981

State Laboratory of Hygiene University of W. Jonsin Center for Health . Jences

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 (#5 of 6 on 10/30/89)

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

Collection Date: 09/19/89 Time: 12:00 County: 64 (Vilas)

From: S-21-1, DRUM S-21, SYLVAN PROPERTY

To: RICH EAKINS

DNR - WAUSAU Source: Other Waste

Account number: SM027 Collected by: R. EAKINS

Date Received: 09/21/89 Labslip #: 0A000981 Reported: 10/26/89

sate Mecelled: Alltiol Copylib	W. OROUVOI NE	PULC	10/20/09	
()	1. 化二甲基二甲甲基二甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲甲	1 100 100 100 100 100	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
BENZENE BROMOBENZENE	+	D NO	(qualitative)	
			(qualitative)	
BROMODICHLOROMETHANE			(qualitative)	
BROMOFORM			(qualitative)	
BROMOMETHANE		ND	(qualitative)	#1
CARBON DISULFIDE			(qualitative)	
CARBON TETRACHLORIDE			(qualitative)	
CHLOROBENZENE			(qualitative)	
CHLOROETHANE			(qualitative)	
2-CHLOROETHYL VINYL ETHER		ND	(qualitative)	# 1
CHLOROFORM			(qualitative)	
O-CHLOROTOLUENE			(qualitative)	
P-CHLOROTOLUENE			(qualitative)	
DIBROMOMETHANE			(qualitative)	
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=D1CHLOROETHYLENE, 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			(qualitative)	
1,3-DICHLOROPROPENE, CIS			(qualitative)	
1,3-DICHLOROPROPENE, TRANS			(qualitative)	-
,				// A
ETHYLBENZENE	*	D	(qualitative)	#1
ETHYLENE DIBROMIDE		ND	(qualitative)	
METHYLETHYLKETONE (MEK)	+	D	(qualitative)	#1
METHYLENE CHLORIDE		ND	(qualitative)	#1
STYRENE		ND	(qualitative)	# 1

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R.H. Laessig, Ph.D., Director	S.L. Inhorn	, M.D.	, Medical Director
Environmental Science Section			
••• continuing Labslip # UA000981			
1,1,1,2-TETRACHLORUETHANE 1,1,2,2-TETRACHLOROETHANE TETRACHLOROETHYLENE TETRAHYDROFURAN (THF) TOLUENE		ND ND ND	(qualitative) #1 (qualitative) #1 (qualitative) #1 (qualitative) #1 (qualitative) #1
1,2,4-TRICHLOROBENZENE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TRICHLOROETHYLENE TRICHLOROFLUOROMETHANE		ND ND ND	(qualitative) #1 (qualitative) #1 (qualitative) #1 (qualitative) #1 (qualitative) #1
TRICHLOROTRIFLUOROETHANE 1,2,3-TRICHLOROPROPANE VINYL CHLORIDE XYLENES ACID EXTRACTION AND DERIVATIZATION		ND	(qualitative) #1 (qualitative) #1 (qualitative) #1 (qualitative) #1 #2
LUBRICATING OIL LIQUID EXTRACTION - VOLATILES GCMS PREP : SOLIDS FLASH POINT		+ D C C \$1	(qualitative)

Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE THE MEMO ATTACHED TO THE LAB SHEET Remark #2: RESULT FOR PENTACHLOROPHENOL <0.05 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 DNR LAB ID 113133790

Organic chemistry (#1 of 2 on 10/27/89, unseen)

Id:

Point/Well/..:

Field #:

Route: SW70

Collection Date: 09/19/89 Time: 12:00 County: 64 (Vilas)

From: S-21-1, DRUM S-21, SYLVAN PROPERTY

To: RICH EAKINS

DNR - WAUSAU

Source: Other Waste

OCT 30 1989

Account number: SW027

Collected by: R. EAKINS

Yausau DNR Office " Heatt Wisconsin

Date Received: 09/21/89 Labslip #: 0A000981 Reported: 10/26/89

BENZENE BROMOBENZENE BROMODICHLOROMETHANE BROMOFORM BROMOMETHANE	+	ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1
CARBON DISULFIDE CARBON TETRACHLORIDE CHLOROBENZENE CHLOROETHANE 2-CHLOROETHYL VINYL ETHER		ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1
CHLOROFORM O-CHLOROTOLUENE P-CHLOROTOLUENE DIBROMOMETHANE DIBROMOCHLOROMETHANE		ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1
1,2-DIBROMO-3-CHLOROPROPANE 1,2-DICHLOROBENZENE 1,3-DICHLOROBENZENE 1,4-DICHLOROBENZENE 1,1-DICHLOROETHANE		ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1
1,2-DICHLOROETHANE 1,2-DICHLOROETHYLENE, CIS 1,1-DICHLOROETHYLENE 1,2-DICHLOROETHYLENE, TRANS 1,3-DICHLOROPROPANE		ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1
1,1-DICHLOROPROPENE 1,2-DICHLOROPROPANE 2,2-DICHLOROPROPANE 1,3-DICHLOROPROPENE, CIS 1,3-DICHLOROPROPENE, TRANS		ND ND ND	(qualitative) (qualitative) (qualitative) (qualitative) (qualitative)	#1 #1 #1

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Environmental Science Section (608) 262-2797		
continuing Labslip # OA000981		
ETHYLBENZENE ETHYLENE DIBROMIDE METHYLETHYLKETONE (MEK) METHYLENE CHLORIDE STYRENE	+	D (qualitative) #1 ND (qualitative) #1 D (qualitative) #1 ND (qualitative) #1 ND (qualitative) #1
1,1,1,2-TETRACHLOROETHANE 1,1,2,2-TETRACHLOROETHANE TETRACHLOROETHYLENE TETRAHYDROFURAN (THF) TOLUENE	+	ND (qualitative) #1 ND (qualitative) #1 ND (qualitative) #1 ND (qualitative) #1 D (qualitative) #1
1,2,4-TRICHLOROBENZENE 1,1,1-TRICHLOROETHANE 1,1,2-TRICHLOROETHANE TRICHLOROETHYLENE TRICHLOROFLUOROMETHANE		ND (qualitative) #1
TRICHLOROTRIFLUOROETHANE 1,2,3-TRICHLOROPROPANE VINYL CHLORIDE XYLENES ACID EXTRACTION AND DERIVATIZATION	+	ND (qualitative) #1 ND (qualitative) #1 ND (qualitative) #1 D (qualitative) #1 C #2
LUBRICATING OIL LIQUID EXTRACTION - VOLATILES GCMS PREP : SOLIDS FLASH POINT	+	D (qualitative) C C >140. F
Footnotes		

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE THE MEMO ATTACHED TO THE LAB SHEET Remark #2: RESULT FOR PENTACHLOROPHENOL <0.05~UG/G