

June 21, 2022

Ms. Candace Sykora
Wisconsin Department of Natural Resources
890 Spruce Street
Baldwin, WI 54002
Via email: candace.sykora@wisconsin.gov

Re: Nor-Lake Project Update
BRRTS # 02-56-000089

Dear Ms. Sykora,

On behalf of Nor-Lake, Inc. (Nor-Lake), Ayres has prepared this report as an update on the status of the maintenance activities and sampling of existing treatment systems within the Nor-Lake area of concern (AOC). As required in the Wisconsin Department of Natural Resources' (WDNR) September 29, 2020, Case Closure Response Letter, Nor-Lake continued routine maintenance activities on the residential carbon systems in 2021.

Executive Summary

As described below, Nor-Lake continues to maintain 38 Point of Entry Granular Activated Carbon (POE GAC) filter systems on water supplies in the area. Recent samples from two such private wells detected trichloroethene (TCE) in concentrations exceeding Wis. Admin. Chapter NR 140 Groundwater Enforcement Standards (ES) of 5.0 ug/L in the untreated water (Table 1, Attachment 2). Upon investigation, however, the detections in these wells appear more likely to result from nearby active sources of VOCs in the area and not Nor-Lake. Based on groundwater flow direction, proximity of septic system drain fields in relation to private water supply wells and historic information indicating waste management violations, 596 Schommer Dr. (Safeway Bus Company) is identified as the most likely potential source of increasing VOC concentrations detected at both its own facility, as well as the down-gradient residence of 587 County. Rd. A. An additional potential source of increasing VOC concentrations at 587 County. Rd A that should be evaluated based groundwater flow direction and proximity of septic system drain fields in relation to the private water supply well, as well as current land use activities, is 592 Schommer Dr. (RMF Auto Repair). Ayres recommends that the DNR investigate further at these facilities identified as potential sources of VOCs in groundwater in the area based on the information provided herein.

Routine Maintenance Activities and Post-Filter Change Out Follow-Up Sampling Update

Nor Lake currently maintains 38 POE GAC filter systems on qualifying water supplies. The owners of these 38 filter systems were contacted via phone call or letter by Culligan in an attempt to change out the filter systems installed on their respective private water supply. Sampling was conducted on 29 private wells in September 2021 - February of 2022 to test water quality of filter change outs. Carbon filter change-outs and follow-up sampling will be attempted on the remaining filter systems that were not changed in 2021, subject to consent from the water supply well owner.

All follow-up water supply samples are analyzed for volatile organic compounds (VOCs) using EPA Method 8260. Pace Analytical Services, Inc., Wisconsin Laboratory Certification No. 405132750, performs the VOC analyses. Sampling results from the 2021-2022 follow-up sampling indicate that the VOC concentrations throughout the majority of the contaminant plume in the AOC have remained steady (Figure 1, Attachment 1).

However, samples from two private wells detected trichloroethene (TCE) in concentrations exceeding Wis. Admin. Chapter NR 140 Groundwater Enforcement Standards (ES) of 5.0 ug/L in the untreated water (Table 1, Attachment 2). Post-filter change-out samples were collected between September 2021 – February 2022 from both the treated and untreated water supplies of 587 County Rd. A and 596 Schommer Dr. (Safeway Bus Company); the untreated samples indicate that TCE is present in concentrations ranging from 6.1-8.1ug/L and 8.8-11.1ug/L, respectively. In addition, increased concentrations of tetrachloroethene (PCE) and 1,1,1 trichloroethane (1,1,1-TCA) were also noted at both of these locations.

The detected concentrations of these three compounds are not consistent with recent historic results as indicated by an increase in concentrations in 2021 (Attachment 3). As indicated by the sampling data collected from 596 Schommer Dr. (Safeway Bus Company) and 587 County Rd. A, the reemergence of PCE, as well as the increased concentrations of TCE and 1,1,1-TCA, suggests that a new release of VOCs in the area has occurred. Although TCE may occur as a breakdown product of PCE, the increased concentrations of 1,1,1-TCA serves as an indicator that a new release may have occurred as 1,1,1-TCA is not a compound commonly associated as a breakdown product of other compounds.

Potential Sources of Increasing VOC Concentrations

The source of the historic Nor-Lake plume is suspected to be the former septic tank and dry well in the Nor-Lake facility, as well as commingling with other upgradient known plumes of contaminants from the Junker Landfill and the Town of Warren TCE plume. As Nor-Lake (i) discontinued the use of a solvent-based wash between 1968-1972; (ii) abandoned the septic tank and dry well in 1984; and, (iii) there have been no ES exceedances offsite for more than two decades (March 2010), it is unlikely that Nor-Lake is an ongoing source of contaminants to the groundwater. As such, these recent exceedances appear to be the result of a different source of VOCs in the area.

To assist in source identification, Ayres conducted additional research to identify potential facilities in the area that may be contributing to these newly observed increasing VOC concentrations. Ayres identified multiple commercial properties on the WI DNR Solid and Hazardous Waste Information System (SHWIMS) database within the immediate area that may be a source of these recent increased detections: (1) 596 Schommer Dr. (Safeway Bus Co.)¹; (2) 597 Schommer Dr. (previously Thermogas, currently Ferrellgas); (3) 593 Schommer Dr. (previously National Products Organization, currently Valley Pools and Spa); and (4) 589 Schommer Dr. (St. Croix Custom Fabrication). One additional facility not on the SHWIMS database, (5) 592 Schommer Dr. (RMF Auto Repair) was also identified as a potential facility of concern due to vehicle maintenance activities that take place on site and its location relative to one of the two private wells where exceedances were detected. See Figure 2, Attachment 4.

596 Schommer Dr. (Safeway Bus Company)

596 Schommer Dr. is identified on the SHWIMS database as a very small quantity hazardous waste generator. Safeway Bus Company has been operating at 596 Schommer Drive since at least 1996. Bus servicing occurs at this facility. See, Attachment 4.1. Given the regional groundwater flow direction (west/northwest), the location of the property's on-site septic system in relation to its own well (side-gradient) and up-gradient location in relation to the 587 Cty. Rd. A property, this property is a likely potential source of the newly detected elevated VOCs detected at both locations.

A records review of this property indicated that WDNR hazardous waste management inspections took place in 1996 and 1998. As part of the compliance audits, the WDNR collected wastewater samples

¹ This property is where one of the two wells with elevated sample results exists.

from the septic system, that is designed to manage domestic waste, to determine if industrial waste was being disposed via the septic system. The sampling results indicated that two VOCs, p-isopropyltoluene and toluene, were identified in the sludge/water samples submitted for analysis. Both p-isopropyltoluene and toluene are common solvents used in lacquer thinner, which the DNR documented to be used at 596 Schommer Dr. in the September 1996 hazardous waste management inspection letter (Attachment 4.1). In addition, the compliance audit identified hazardous waste violations, such as mixing solvents with used oil from vehicle maintenance activities, thus creating hazardous waste, but no Notice of Violations (NOVs) were issued. No further action was required beyond instructing the facility to look at the products in use on site and try to identify any potential sources of VOCs (Attachment 4.1).

597 Schommer Dr. (Ferrellgas LP)

597 Schommer Dr. is also identified on the SHWIMS database as a very small quantity hazardous waste generator. This site has operated as Ferrellgas LP since at least 2004. A records review of this property indicated that the WDNR conducted a hazardous waste management inspection of the property in 1998, which was then operating as Thermogas Company. During the inspection, the DNR noted waste streams of used oil and anti-freeze from conducting routine maintenance on the company vehicles. Samples collected from the septic tank indicated that p-isopropyltoluene and toluene were identified in the sludge/water samples submitted for analysis. No further action was required beyond instructing the facility to look at the products in use on site and try to identify any potential sources of VOCs (Attachment 4.2).

593 Schommer Dr. (Valley Pools and Spas)

593 Schommer Dr. is also identified on the SHWIMS database as a very small quantity hazardous waste generator. The site is currently operating as Valley Pools and Spas of Hudson. A records review of this property indicated that the WDNR conducted a hazardous waste management inspection of the property in 1998, which was then operating as National Products Organization. Samples collected from the septic tank indicated acetone, 1,4-dichlorobenzene, p-isopropyltoluene and toluene were identified in the sludge/water samples submitted for analysis. No further action was required beyond instructing the facility to look at the products in use on site and try to identify any potential sources of VOCs (Attachment 4.3).

589 Schommer Dr. (St. Croix Custom Fabrication)

589 Schommer Dr. is also identified on the SHWIMS database as a very small quantity hazardous waste generator and hazardous waste recycling - general. St. Croix Custom Fabrication has been operating at 589 Schommer Drive since at least 1998. A records review of this property indicated that WDNR hazardous waste management inspection took place in 1998. Samples collected from the septic tank indicated 1,4-dichlorobenzene, p-isopropyltoluene and toluene were identified in the sludge/water samples submitted for analysis. No further action was required beyond instructing the facility to look at the products in use on site and try to identify any potential sources of VOCs (Attachment 4.4)

592 Schommer Dr. (RMF Auto Repair)

592 Schommer Dr. is associated with RMF Auto Repair. A review of the images provided online by the site indicate that this facility conducts various activities associated with auto repair, and stores motor oil and other supplies onsite. Given the groundwater flow direction, the location of the property's on-site septic system and proximity to the 587 County. Rd A property, this property could be a potential source of the newly detected elevated VOCs detected at that location depending on the nature of the facility's waste disposal practices (Attachment 4.5).

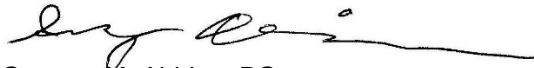
Summary

Multiple nearby facilities were identified as potential threats and possible sources of the increasing VOC concentrations in the immediate area. As identified in the SHWIMS database, multiple VOCs were detected in the septic tank samples that were collected during DNR site inspections in 1998 from 597, 596, 592, and 589 Schommer Dr.; none of the VOCs detected in the samples are compounds identified as contaminants of concern in the contaminant plume that was suspected to be associated with a release of VOCs from the Nor-Lake septic tank and dry well. In particular, based on groundwater flow direction, current land use activities, proximity of the septic system drain fields in relation to private water supply wells, and historical information indicating waste management violations, 596 Schommer Dr. (Safeway Bus Company) is identified as the most likely potential sources of increasing VOC concentrations detected at both 596 Schommer Dr. and the down-gradient residence of 587 County. Rd. A. In addition, given the groundwater flow direction, the location of the property's on-site septic system and proximity to the 587 County. Rd A property, 592 Schommer (RMF Auto) may be a potential source of increasing VOC concentrations affecting 587 County. Rd. A. Ayres recommends that the DNR investigate further at these facilities identified as potential sources of VOCs in groundwater in the area as the detection of the four VOCs in their septic systems, all of which are not associated with the Nor-Lake plume, indicates that other facilities in the area may have historically been, and continue to be, discharging VOCs to septic systems that are designed to manage domestic waste only.

If you have any questions regarding these findings, please contact me.

Sincerely,

Ayres Associates Inc

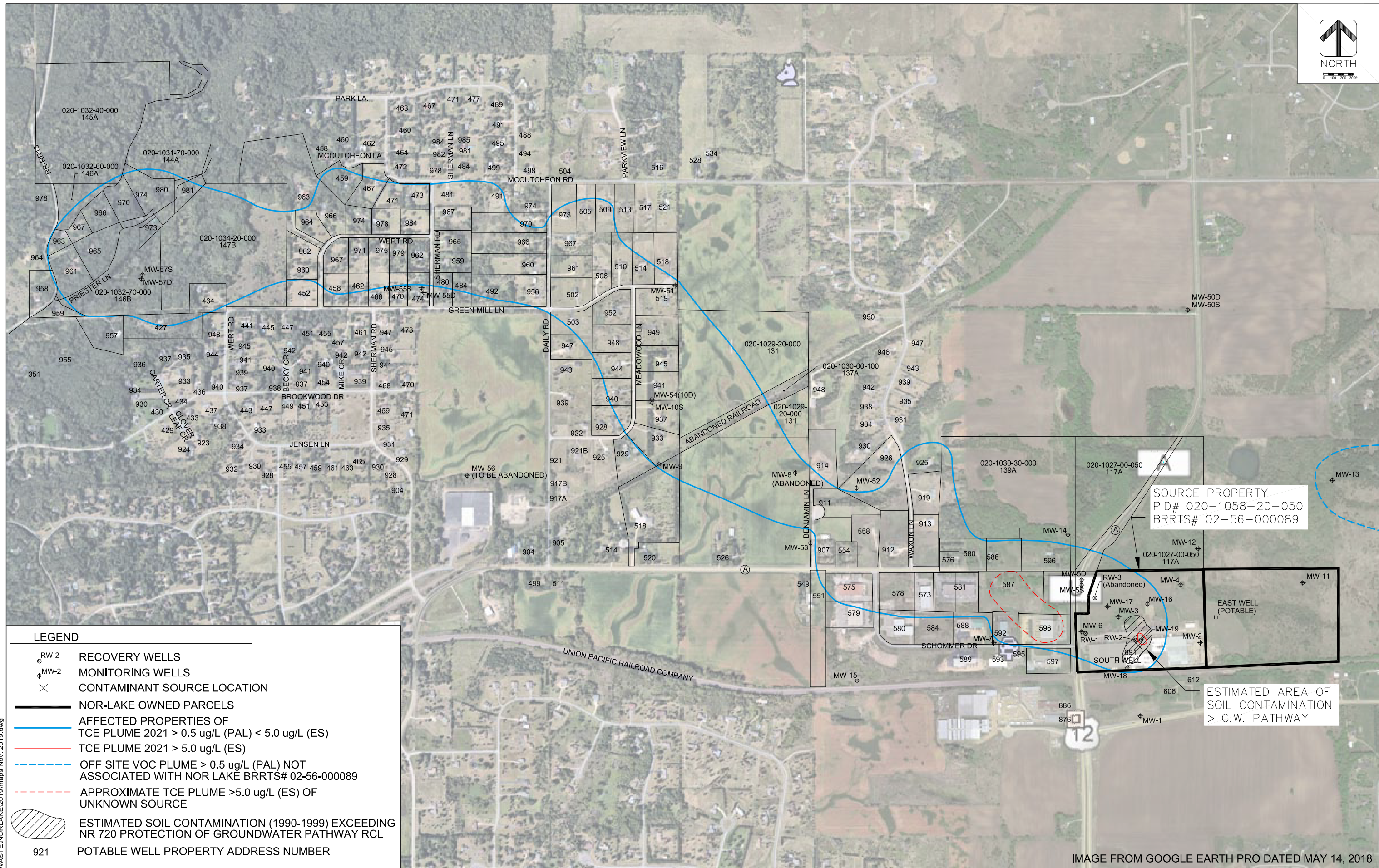
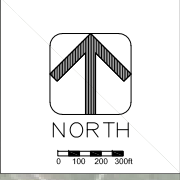


Gregory M. Aldrian, PG
Environmental Project Manager
715.831.7608
AldrianG@AyresAssociates.com

CC: Aaron Brown, Refrigerated Solutions Group/Nor-Lake Inc.
David Crass, Michael Best & Friedrich, LLC



Attachment 1



LEGEND

- RECOVERY WELLS
- MONITORING WELLS
- CONTAMINANT SOURCE LOCATION
- NOR-LAKE OWNED PARCELS
- AFFECTED PROPERTIES OF TCE PLUME 2021 > 0.5 ug/L (PAL) < 5.0 ug/L (ES)
- TCE PLUME 2021 > 5.0 ug/L (ES)
- OFF SITE VOC PLUME > 0.5 ug/L (PAL) NOT ASSOCIATED WITH NOR LAKE BRRTS# 02-56-00089
- APPROXIMATE TCE PLUME > 5.0 ug/L (ES) OF UNKNOWN SOURCE
- ESTIMATED SOIL CONTAMINATION (1990-1999) EXCEEDING NR 720 PROTECTION OF GROUNDWATER PATHWAY RCL
- POTABLE WELL PROPERTY ADDRESS NUMBER

SOURCE PROPERTY
PID# 020-1058-20-050
BRRTS# 02-56-00089

ESTIMATED AREA OF
SOIL CONTAMINATION
> G.W. PATHWAY

IMAGE FROM GOOGLE EARTH PRO DATED MAY 14, 2018

E:\13\2020\VAENV\CAD\WASTE\NORLAKE\2019\maps Nov. 2019.dwg

DES BY	N. BADER	BOOK NO					
DR BY	A. O'KEEFE	JOB NO	51-0478.00				
CHK BY	G. ALDRIAN	DATE	MAY 2022	NO	DATE	REVISION	NO DATE REVISION

NOR - LAKE, INC.
HUDSON, WISCONSIN



Attachment 1 - Figure 1

Attachment 2

**TABLE 1
HISTORICAL RESIDENTIAL VOC RESULTS
(Volatile Organic Compounds)
(Revised May 5, 2022)**

ES / PAL	587 Co. Rd. A												
	Apr-86	Jun-86	Mar-87	Dec-87	Mar-88	May-88	Dec-88	Mar-89	Jun-89	Jan-91	Oct-91	Jun-92	
Dichlorodifluoromethane (ug/L)	1000 / 200	<1.0	<1.0	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	<2.0	<5.0
Tetrachloroethene (ug/L)	5 / 0.5	<1.0	<1.0	<1.0	BDL	<1.0	2.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans 1,2-Dichloroethene (ug/L)	100 / 20	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<0.60
1,1,1-Trichloroethane (ug/L)	200 / 40	73	61	69	37	36	36	30	42	39	9.0	20	17
1,1-Dichloroethene (ug/L)	7 / 0.7	6.0	<1.0	3.0	1.0	1.0	<1.0	4.0	2.0	2.0	1.0	<1.0	2.2
1,2-Dichloroethane (ug/L)	5 / 0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.30
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene (ug/L)	5 / 0.5	42	31	5.0	27	24	13	27	57	22	13	13	16
1,1-Dichloroethane (ug/L)	850 / 85	2.0	<1.0	<1.0	<1.0	1.0	<1.0	3.0	4.0	2.0	1.0	<1.0	<0.50
cis 1,2-Dichloroethene (ug/L)	70 / 7	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<0.20
Trichlorofluoromethane (ug/L)	3490 / 698	<1.0	<1.0	<1.0	P/NP	P/NP	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0
Chloroethane (ug/L)	400 / 80	<1.0	NA	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	<2.0	<1.0
Vinyl Chloride (ug/L)	0.2 / 0.02	<1.0	<1.0	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	P/NP	<2.0	<1.0
Methylene Chloride (ug/L)	30 / 3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform (ug/L)	6 / 0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20
Benzene (ug/L)	5 / 0.5	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.30

ES / PAL	587 Co. Rd. A (cont.)												
	Jun-93	Jun-94	Mar-95	Apr-95	Jun-95	Dec-95	Dec-96	Dec-98	May-00	Mar-02	Jan-03	Apr-04	
Dichlorodifluoromethane (ug/L)	1000 / 200	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<0.14	<0.14	<0.14	<0.14	<0.14	<0.40
Tetrachloroethene (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	0.70	<0.13	<0.13	<0.13	<0.13	<0.13	<0.40
trans 1,2-Dichloroethene (ug/L)	100 / 20	<0.60	<0.60	<0.60	<0.60	<0.60	<0.30	<0.11	<0.11	<0.11	<0.11	<0.11	<0.50
1,1,1-Trichloroethane (ug/L)	200 / 40	16	12	32	32	10	5.1	4.5	2.8	1.4	1.1	<0.19	0.78
1,1-Dichloroethene (ug/L)	7 / 0.7	12	0.36	4.3	4.3	<0.20	1.1	0.68	<0.10	0.22	J ^(0.18)	<0.10	<0.30
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.27	<0.27	<0.27	<0.27	<0.27	<0.40
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.18	<0.18	<0.18	<0.18	<0.18	<0.40
Trichloroethene (ug/L)	5 / 0.5	11	12	52	52	9.7	6.4	6.7	5.3	2.7	2.4	0.91	1.5
1,1-Dichloroethane (ug/L)	850 / 85	1.4	<0.50	7.3	7.3	1.7	1.1	<0.26	<0.26	<0.26	<0.26	<0.26	<0.50
cis 1,2-Dichloroethene (ug/L)	70 / 7	0.46	<0.20	2.8	2.8	<0.20	0.69	<0.12	<0.12	<0.12	<0.12	<0.12	<0.25
Trichlorofluoromethane (ug/L)	3490 / 698	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	<0.51	<0.51	<0.51	<0.51	<0.50
Chloroethane (ug/L)	400 / 80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	<0.24	<0.24	<0.24	<0.24	<0.50
Vinyl Chloride (ug/L)	0.2 / 0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<0.30	<0.11	<0.11	<0.11	<0.11	<0.11	<0.12
Methylene Chloride (ug/L)	30 / 3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.45	<0.45	<0.45	<0.45	<0.45	<0.50
Chloroform (ug/L)	6 / 0.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.30	<0.18	<0.18	<0.18	<0.18	<0.18	<0.25
Benzene (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

²- May be associated with chlorination of well.

LOQ-Limit of Quantification

^D-Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

P/NP- Present/Not Present

NA- Not Analyzed

- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

TABLE 1 (cont.)

ES / PAL	587 Co. Rd. A (cont.)												
	Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Feb-05	Jun-05	Sep-05	Apr-06	Jun-06	Sep-06	
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.40	<0.40	8.5	<0.40	<0.40	<0.40	<0.60	<0.60	<0.60	<0.29	<0.29	
Tetrachloroethene (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.29	<0.29	
trans 1,2-Dichloroethene (ug/L)	100 / 20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.60	<0.60	<0.60	<0.60	<0.40	<0.40	
1,1,1-Trichloroethane (ug/L)	200 / 40	0.64	0.75	0.72	1.1	J ^(0.91)	J ^(1.2)	J ^(1.1)	1.2	J ^(1.9)	2.8	2.3	2.6
1,1-Dichloroethene (ug/L)	7 / 0.7	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.30	<0.30	
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	<0.50	<0.50	<0.50	<0.50	
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.50	
Trichloroethene (ug/L)	5 / 0.5	1.5	1.4	1.4	1.9	1.6	2.0	1.6	1.8	2.4	2.7	2.8	3.4
1,1-Dichloroethane (ug/L)	850 / 85	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.40	<0.40	
cis 1,2-Dichloroethene (ug/L)	70 / 7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.60	<0.60	<0.60	<0.40	<0.40	
Trichlorofluoromethane (ug/L)	3490 / 698	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.70	<0.70	
Chloroethane (ug/L)	400 / 80	<0.50	<0.50	<0.50	<0.50	<0.50	<0.70	<0.70	<0.70	<0.70	<0.60	<0.60	
Vinyl Chloride (ug/L)	0.2 / 0.02	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.15	<0.15	
Methylene Chloride (ug/L)	30 / 3	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<0.40	<0.40	<0.40	<1.0	<1.0	
Chloroform (ug/L)	6 / 0.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	
Benzene (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	

ES / PAL	587 Co. Rd. A (cont.)										
	Dec-06	Jun-07	Jul-08	Apr-09	Jun-10	Dec-17	Sep-21	Dec-21	Jan-22	Feb-22	
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.29	<0.40	<0.40	<1.0	<0.30	<0.31	<0.46	<0.46	<0.46	<0.46
Tetrachloroethene (ug/L)	5 / 0.5	<0.29	<0.40	<0.40	<1.0	<0.15	<0.16	1.9	1.8	1.7	1.9
trans 1,2-Dichloroethene (ug/L)	100 / 20	<0.40	<0.50	<0.50	<1.0	<0.11	<0.21	<0.53	<0.53	<0.53	<0.53
1,1,1-Trichloroethane (ug/L)	200 / 40	2.7	J ^(1.8)	J ^(0.91)	<1.0	J ^(0.63)	J ^(0.39)	5.6	4.7	4.2	4.8
1,1-Dichloroethene (ug/L)	7 / 0.7	J ^(0.35)	<0.40	<0.40	<1.0	<0.20	<0.18	<0.58	<0.58	<0.58	<0.58
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.50	<0.30	<0.30	<1.0	<0.080	<0.32	<0.29	<0.29	<0.29	<0.29
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.50	<0.50	<0.50	<1.0	<0.11	<0.22	<0.34	<0.34	<0.34	<0.34
Trichloroethene (ug/L)	5 / 0.5	2.9	2.3	1.5	1.5	1.2	1.1	8.1	6.5	6.1	6.2
1,1-Dichloroethane (ug/L)	850 / 85	<0.40	<0.40	<0.40	<1.0	<0.080	<0.14	<0.30	<0.30	<0.30	<0.30
cis 1,2-Dichloroethene (ug/L)	70 / 7	<0.40	<0.40	<0.40	<1.0	<0.23	<0.20	<0.47	<0.47	<0.47	<0.47
Trichlorofluoromethane (ug/L)	3490 / 698	<0.70	<0.40	<0.40	<1.0	<0.14	<0.13	<0.42	<0.42	<0.42	<0.42
Chloroethane (ug/L)	400 / 80	<0.60	<0.40	<0.40	<1.0	<0.32	<0.44	<1.4	<1.4	<1.4	<1.4
Vinyl Chloride (ug/L)	0.2 / 0.02	<0.15	<0.15	<0.15	<0.40	<0.11	<0.0096	<0.17	<0.17	<0.17	<0.17
Methylene Chloride (ug/L)	30 / 3	<1.0	<0.50	<0.50	<4.0	<2.0	<1.2	<1.6	<1.6	<1.6	<1.6
Chloroform (ug/L)	6 / 0.6	<0.50	<0.22	<0.22	<1.0	<0.090	<0.46	<0.32	<0.32	<0.32	<0.32
Benzene (ug/L)	5 / 0.5	<0.40	<0.16	<0.16	ND	<0.080	<0.34	<0.30	<0.30	<0.30	<0.30

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

²- May be associated with chlorination of well.

LOQ-Limit of Quantification

^D- Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

P/NP- Present/Not Present

NA- Not Analyzed

- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

TABLE 1 (cont.)

ES / PAL	596 Schommer Dr.						
	Sep-92	Feb-93	Mar-93	Jun-93	Sep-93	Dec-93	
Dichlorodifluoromethane (ug/L)	1000 / 200	6.1	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene (ug/L)	5 / 0.5	15	7.5	5.1	2.8	2.7	2.8
trans-1,2-Dichloroethene (ug/L)	100 / 20	0.92	<0.60	<0.60	<0.60	<0.60	<0.60
1,1,1-Trichloroethane (ug/L)	200 / 40	D ³⁵⁰	170	89	69	50	72
1,1-Dichloroethene (ug/L)	7 / 0.7	40	21	13	6.2	5.7	6.5
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.30	<0.30	0.32	0.75	<0.30	<0.30
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Trichloroethene (ug/L)	5 / 0.5	D ²¹⁰	94	70	41	46	36
1,1-Dichloroethane (ug/L)	850 / 85	1.5	1.7	1.3	2.2	1.0	1.5
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.20	<0.20	<0.20	1.4	1.8	2.0
Trichlorofluoromethane (ug/L)	3490 / 698	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane (ug/L)	400 / 80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride (ug/L)	0.2 / 0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane (ug/L)	30 / 3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Chloroform (ug/L)	6 / 0.6	<0.20	<0.20	<0.20	0.54	<0.20	<0.20
Benzene (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30

ES / PAL	596 Schommer Dr. (cont.)										
	Mar-94	Sep-94	Dec-94	Mar-95	Apr-95	Jun-95	Sep-95	Dec-95	Mar-96	Sep-96	
Dichlorodifluoromethane (ug/L)	1000 / 200	<5.0	<5.0	<5.0	<5.0	<5.0	14	2.2	<0.14	J ^(1.7)	
Tetrachloroethene (ug/L)	5 / 0.5	2.0	2.3	1.1	0.51	1.2	3.6	1.3	1.1	0.94	
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.30	<0.11	<0.11	
1,1,1-Trichloroethane (ug/L)	200 / 40	43	50	40	28	32	32	27	D ²⁵	D ²¹	
1,1-Dichloroethene (ug/L)	7 / 0.7	3.6	4.8	3.1	3.6	2.5	6.6	2.3	2.6	1.7	
1,2-Dichloroethane (ug/L)	5 / 0.5	0.57	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.27	
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.18	
Trichloroethene (ug/L)	5 / 0.5	31	31	23	27	21	19	18	15	18	
1,1-Dichloroethane (ug/L)	850 / 85	0.99	<0.50	0.52	1.1	<0.50	0.72	0.95	1.2	<0.26	
cis-1,2-Dichloroethene (ug/L)	70 / 7	1.3	<0.20	0.86	<0.20	<0.20	<0.20	<0.20	0.79	<0.12	
Trichlorofluoromethane (ug/L)	3490 / 698	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.51	
Chloroethane (ug/L)	400 / 80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24	
Vinyl chloride (ug/L)	0.2 / 0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.11	
Chloromethane (ug/L)	30 / 3	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	B J ^(0.50)	<0.090	
Ethyl benzene (ug/L)	700 / 140	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.50	<0.16	
Total Xylenes (ug/L)	2000 / 400	<0.60	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.2	<0.66	
Toluene (ug/L)	800 / 160	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.30	<0.16	
Chloroform (ug/L)	6 / 0.6	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.30	<0.18	
Benzene (ug/L)	5 / 0.5	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.15	

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

² - May be associated with chlorination of well.

LOQ-Limit of Quantification

^D - Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

P/NP- Present/Not Present

NA- Not Analyzed

- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

TABLE 1 (cont.)

ES / PAL	596 Schommer Dr. (cont.)										
	Dec-96	Mar-97	Jun-97	Nov-97	Mar-98	Apr-98	Sep-98	Dec-98	Mar-99	Jun-99	
Dichlorodifluoromethane (ug/L)	1000 / 200	6.5	3.4	3.2	2.8	J ^(1.6)	J ^(1.3)	J ^(0.55)	J ^(0.47)	2.8	J ^(1.3)
Tetrachloroethene (ug/L)	5 / 0.5	0.90	0.79	J ^(0.32)	0.81	0.79	J ^(0.24)	2.7	0.43	1.3	J ^(0.15)
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
1,1,1-Trichloroethane (ug/L)	200 / 40	19	17	17	15	16	8.3	14	15	15	12
1,1-Dichloroethene (ug/L)	7 / 0.7	1.4	1.9	0.74	1.2	1.8	0.93	1.3	1.0	1.2	1.4
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Trichloroethene (ug/L)	5 / 0.5	17	14	14	14	13	7.1	13	13	14	13
1,1-Dichloroethane (ug/L)	850 / 85	<0.26	<0.26	<0.26	<0.26	0.37	<0.26	<0.26	<0.26	0.31	<0.26
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	0.32	<0.12
Trichlorofluoromethane (ug/L)	3490 / 698	<0.51	<0.51	<0.51	<0.51	<0.51	1.0	<0.51	<0.51	<0.51	<0.51
Chloroethane (ug/L)	400 / 80	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Vinyl chloride (ug/L)	0.2 / 0.02	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Chloromethane (ug/L)	3 / 0.3	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	J ^(0.56)	<0.090
Chloromethane (ug/L)	30 / 3	<0.090	<0.090	<0.090	<0.090	<0.090	<0.45	J ^(3.9)	<0.45	<0.45	<0.45
Ethyl benzene (ug/L)	700 / 140	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16
Total Xylenes (ug/L)	2000 / 400	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Toluene (ug/L)	800 / 160	<0.16	<0.16	<0.16	<0.16	0.80	<0.16	<0.16	<0.16	<0.16	<0.16
Chloroform (ug/L)	6 / 0.6	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Benzene (ug/L)	5 / 0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15

ES / PAL	596 Schommer Dr. (cont.)												
	Sep-99	Dec-99	Jun-00	May-01	May-01	Jun-01	Jan-02	Jun-02	Jan-03	Jul-03	Dec-03	Feb-04	
Dichlorodifluoromethane (ug/L)	1000 / 200	J ^(0.98)	J ^(0.16)	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	
Tetrachloroethene (ug/L)	5 / 0.5	0.45	0.92	0.69	0.97	0.97	0.61	J ^(0.37)	<0.13	<0.13	0.73	J ^(0.34)	
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	
1,1,1-Trichloroethane (ug/L)	200 / 40	11	11	9.3	10	<0.19	7.1	7.1	2.2	3.6	3.8	2.6	
1,1-Dichloroethene (ug/L)	7 / 0.7	1.0	1.1	1.4	1.5	1.5	1.2	1.1	0.20	<0.10	0.50	0.46	
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
Trichloroethene (ug/L)	5 / 0.5	11	10	11	12	12	11	8.3	4.2	4.9	5.7	4.8	
1,1-Dichloroethane (ug/L)	850 / 85	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.12	<0.12	<0.12	J ^(0.18)	J ^(0.18)	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	
Trichlorofluoromethane (ug/L)	3490 / 698	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	
Chloroethane (ug/L)	400 / 80	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	
Vinyl chloride (ug/L)	0.2 / 0.02	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	
Chloromethane (ug/L)	3 / 0.3	J ^(0.58)	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	<0.090	
Methylene Chloride (ug/L)	30 / 3	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	
Ethyl benzene (ug/L)	700 / 140	<0.16	<0.16	<0.16	<0.16	<0.31	<0.31	J ^(0.39)	<0.31	<0.31	<0.31	<0.31	
Total Xylenes (ug/L)	2000 / 400	<0.66	<0.66	<0.66	<0.66	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	
Toluene (ug/L)	800 / 160	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	
Chloroform (ug/L)	6 / 0.6	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	
Benzene (ug/L)	5 / 0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

². May be associated with chlorination of well.

LOQ-Limit of Quantification

^D -Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

P/NP- Present/Not Present

NA- Not Analyzed

- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

TABLE 1 (cont.)

ES / PAL		596 Schommer Dr. (cont.)								
		Sep-04	Oct-04	Nov-04	Dec-04	Jan-05	Feb-05	Feb-05	May-05	Dec-05
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.40	<0.40	8.0	5.5	<0.40	<0.80	<0.60	<0.60	<0.60
Tetrachloroethene (ug/L)	5 / 0.5	0.90	1.0	J ^(1.0)	1.5	2.0	J ^(1.7)	4.0	8.4	3.7
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.60	<0.60	<0.60
1,1,1-Trichloroethane (ug/L)	200 / 40	8.1	13	19	25	43	35	77	130	68
1,1-Dichloroethene (ug/L)	7 / 0.7	0.68	0.67	1.1	1.0	1.5	J ^(1.1)	2.5	5.4	2.6
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<0.50	<0.50	<0.50
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	J ^(0.41)	J ^(0.91)	J ^(0.48)
Trichloroethene (ug/L)	5 / 0.5	10	13	17	22	34	30	64	100	60
1,1-Dichloroethane (ug/L)	850 / 85	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.60	<0.60	<0.60
Trichlorofluoromethane (ug/L)	3490 / 698	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50
Chloroethane (ug/L)	400 / 80	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.70	<0.70	<0.70
Vinyl chloride (ug/L)	0.2 / 0.02	<0.12	<0.12	<0.12	<0.12	<0.12	<0.24	<0.12	<0.12	<0.12
Chloromethane (ug/L)	30 / 3	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.24	<0.24	<0.24
Methylene chloride (ug/L)	5 / 0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.40	<0.40	<0.40
p/m Xylene (ug/L)	Total Xylenes	<0.70	<0.70	<0.70	<0.70	<0.70	<1.4	<1.0	<1.0	<1.0
o-Xylene (ug/L)	2000 / 400	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.40	<0.40	<0.40
Ethyl Benzene (ug/L)	700 / 140	<0.30	<0.30	<0.30	<0.30	<0.30	<0.60	<0.50	<0.50	<0.50
Chloroform (ug/L)	6 / 0.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.50
Benzene (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.40

ES / PAL		596 Schommer Dr. (cont.)										
		Mar-06	Apr-06	Jun-06	Sep-06	Dec-06	Jun-07	Dec-07	May-08	Dec-09	Mar-11	Aug-13
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.60	<0.60	<0.29	<0.29	<0.29	<0.40	<0.40	<0.40	<1.0	<0.30	<0.40
Tetrachloroethene (ug/L)	5 / 0.5	7.3	3.9	12.0	12.0	5.6	2.8	J ^(1.0)	J ^(0.75)	<1.0	J ^(0.37)	J ^(0.48)
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.60	<0.60	<0.40	<0.40	<0.40	<0.50	<0.50	<0.50	<1.0	<0.11	<0.24
1,1,1-Trichloroethane (ug/L)	200 / 40	130	67	300	230	110	40	11	6.3	4.6	2.4	J ^(0.95)
1,1-Dichloroethene (ug/L)	7 / 0.7	3.9	J ^(1.7)	8.0	7.0	4.5	1.7	J ^(0.91)	J ^(0.93)	<1.0	J ^(0.61)	<0.24
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.30	<0.30	<0.30	<1.0	<0.080	<0.22
1,1,2-Trichloroethane (ug/L)	5 / 0.5	J ^(0.81)	<0.40	J ^(1.3)	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.11	<0.16
Trichloroethene (ug/L)	5 / 0.5	110	55	250	190	87	32	13	8.4	6.2	4.3	2.5
1,1-Dichloroethane (ug/L)	850 / 85	<0.50	<0.50	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<1.0	<0.080	<0.50
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.60	<0.60	J ^(0.44)	<0.40	<0.40	<0.40	<0.40	<0.40	<1.0	<0.23	<0.23
Trichlorofluoromethane (ug/L)	3490 / 698	<0.50	<0.50	<0.70	<0.70	<0.70	<0.40	<0.40	<0.40	<1.0	<0.14	<0.13
Chloroethane (ug/L)	400 / 80	<0.70	<0.70	<0.60	<0.60	<0.60	<0.40	<0.40	<0.40	<1.0	<0.32	<0.50
Vinyl chloride (ug/L)	0.2 / 0.02	<0.12	<0.12	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.40	<0.11	<0.14
Chloromethane (ug/L)	30 / 3	<0.24	<0.24	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<4.0	<0.36	<2.0
Methylene chloride (ug/L)	5 / 0.5	<0.40	<0.40	<1.0	<1.0	<1.0	<0.50	<0.50	<0.50	<4.0	<2.0	<2.0
p/m Xylene (ug/L)	Total Xylenes	J ^(1.2)	<1.0	<0.90	J ^(1.7)	<0.90	<0.50	<0.50	<0.50	<2.0	<0.15	<0.48
o-Xylene (ug/L)	2000 / 400	<0.40	<0.40	<0.60	<0.60	<0.60	<0.50	<0.50	<0.50	<1.0	<0.10	<0.24
Ethyl Benzene (ug/L)	700 / 140	<0.50	<0.50	<0.50	J ^(0.64)	<0.50	<0.28	<0.28	<0.28	<1.0	<0.080	<0.24
Chloroform (ug/L)	6 / 0.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.22	<0.22	<0.22	<1.0	<0.090	<0.27
Benzene (ug/L)	5 / 0.5	<0.40	<0.40	<0.40	<0.40	<0.40	<0.16	<0.16	<0.16	<1.0	<0.080	<0.24
Toluene (ug/L)	800 / 160	<0.40	J ^(0.87)	<0.40	<0.40	<0.40	<0.20	<0.20	<0.20	<1.0	<0.11	<0.23

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

²- May be associated with chlorination of well.

LOQ-Limit of Quantification

^D-Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

P/NP- Present/Not Present

NA- Not Analyzed

- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

TABLE 1 (cont.)

		596 Schommer Dr. (cont.)											
ES / PAL		Jun-14	Dec-14	Jan-15	Feb-15	Mar-15	Mar-15	Jun-15	Dec-15	Mar-16	Dec-16	Sep-17	Dec-17
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.49	<0.49	<0.49	<0.23	<0.31	<0.31
Tetrachloroethene (ug/L)	5 / 0.5	J ^(0.88)	J ^(0.26)	<0.16	<0.16	<0.16	<0.16	J ^(0.29)	<0.19	J ^(0.23)	<0.25	<0.16	<0.16
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.21	<0.21	<0.21	<0.16	<0.16	<0.21
1,1,1-Trichloroethane (ug/L)	200 / 40	J ^(0.98)	J ^(0.97)	J ^(0.54)	J ^(0.73)	J ^(0.77)	J ^(0.91)	2.9	J ^(0.91)	<0.20	0.58	J ^(0.40)	J ^(0.47)
1,1-Dichloroethene (ug/L)	7 / 0.7	J ^(0.59)	<0.20	<0.20	<0.20	<0.20	<0.20	<0.22	<0.22	<0.22	<0.28	<0.18	J ^(0.19)
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.17	<0.17	<0.17	<0.17	<0.32	<0.32
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.13	<0.13	<0.13	<0.14	<0.14	<0.14	<0.24	<0.24	<0.24	<0.15	<0.22	<0.22
Trichloroethene (ug/L)	5 / 0.5	1.9	1.8	1.6	1.7	1.5	2.0	3.2	1.9	1.8	1.6	1.1	1.4
1,1-Dichloroethane (ug/L)	850 / 85	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.22	<0.22	<0.22	<0.17	<0.14	<0.14
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.25	<0.25	<0.25	<0.12	<0.20	<0.20
Trichlorofluoromethane (ug/L)	3490 / 698	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.18	<0.18	<0.18	<0.33	<0.13	<0.13
Chloroethane (ug/L)	400 / 80	<0.24	<0.24	<0.24	<0.27	<0.27	<0.27	<0.34	<0.34	<0.34	<0.34	<0.44	<0.44
Vinyl chloride (ug/L)	0.2 / 0.02	<0.20	<0.20	<0.20	<0.10	<0.10	<0.10	<0.15	<0.15	<0.15	<0.069	<0.096	<0.0096
Chloromethane (ug/L)	30 / 3	<0.34	<0.34	<0.34	<0.34	<0.34	<0.34	<0.64	<0.64	<0.64	<0.25	<1.1	<1.1
Methylene chloride (ug/L)	5 / 0.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.56	<0.56	<0.56	<0.29	<1.2	<1.2
p/m Xylene (ug/L)	Total Xylenes	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	J ^(1.1)	J ^(0.81)	<0.41	<0.11	<0.24	<0.24
o-Xylene (ug/L)	2000 / 400	<0.094	<0.094	<0.094	<0.094	<0.094	<0.094	J ^(0.39)	J ^(0.25)	<0.19	<0.20	<0.17	<0.17
Ethyl Benzene (ug/L)	700 / 140	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	J ^(0.30)	J ^(0.26)	<0.23	<0.15	<0.14	<0.14
Chloroform (ug/L)	6 / 0.6	<0.16	<0.16	<0.16	<0.16	<0.16	<0.16	<0.27	<0.27	<0.27	<0.21	<0.46	<0.46
Benzene (ug/L)	5 / 0.5	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.21	<0.21	<0.21	<0.16	<0.34	<0.34
Toluene (ug/L)	800 / 160	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.13	<0.13	<0.13	<0.14	<0.17	<0.17

		596 Schommer Dr. (cont.)						
ES / PAL		Feb-18	Jun-18	Nov-18	Jul-19	Nov-21	Dec-21	Jan-22
Dichlorodifluoromethane (ug/L)	1000 / 200	<0.31	<0.23	<0.23	<0.50	<0.46	<0.46	<0.46
Tetrachloroethene (ug/L)	5 / 0.5	<0.16	<0.17	J ^(0.22)	<0.33	2.5	2.4	1.8
trans-1,2-Dichloroethene (ug/L)	100 / 20	<0.21	<0.12	<0.24	<0.12	<0.53	<0.53	<0.53
1,1,1-Trichloroethane (ug/L)	200 / 40	1.1	J ^(0.35)	1.8	1.1	7.6	6.9	5.9
1,1-Dichloroethene (ug/L)	7 / 0.7	<0.18	<0.16	<0.16	0.28	<0.58	<0.58	<0.58
1,2-Dichloroethane (ug/L)	5 / 0.5	<0.32	<0.22	<0.22	<0.28	<0.29	<0.29	<0.29
1,1,2-Trichloroethane (ug/L)	5 / 0.5	<0.22	<0.18	<0.18	<0.55	<0.34	<0.34	<0.34
Trichloroethene (ug/L)	5 / 0.5	1.1	1.3	2.6	0.55	11.1	11.1	8.8
1,1-Dichloroethane (ug/L)	850 / 85	<0.14	<0.17	<0.17	<0.27	<0.30	<0.30	<0.30
cis-1,2-Dichloroethene (ug/L)	70 / 7	<0.20	<0.15	<0.15	<0.27	<0.47	<0.47	<0.47
Trichlorofluoromethane (ug/L)	3490 / 698	<0.13	<0.23	<0.23	<0.21	<0.42	<0.42	<0.42
Chloroethane (ug/L)	400 / 80	<0.44	<0.49	<0.49	<1.3	<1.4	<1.4	<1.4
Vinyl chloride (ug/L)	0.2 / 0.02	<0.096	<0.092	<0.092	<0.17	<0.17	<0.17	<0.17
Chloromethane (ug/L)	30 / 3	<1.1	<0.16	<0.16	<2.2	<1.6	<1.6	<1.6
Methylene chloride (ug/L)	5 / 0.5	<1.2	<0.98	<0.98	<0.58	<0.32	<0.32	<0.32
p/m Xylene (ug/L)	Total Xylenes	J ^(0.73)	<0.31	<0.31	<0.47	<0.70	<0.70	<0.70
o-Xylene (ug/L)	2000 / 400	<0.17	<0.16	<0.16	<0.26	<0.35	<0.35	<0.35
Ethyl Benzene (ug/L)	700 / 140	<0.14	<0.14	<0.14	<0.22	<0.33	<0.33	<0.33
Chloroform (ug/L)	6 / 0.6	<0.46	<0.45	<0.45	<1.3	<1.2	<1.2	<1.2
Benzene (ug/L)	5 / 0.5	<0.34	<0.10	<0.10	0.25	<0.30	<0.30	<0.30
Toluene (ug/L)	800 / 160	<0.17	<0.083	<0.083	<0.17	<0.29	<0.29	<0.29

J- Result is less than the LOQ but greater than the LOD.

B- Parameter was detected in the method blank.

LOD- Limit of Detection

²- May be associated with chlorination of well.

LOQ-Limit of Quantification

^D-Quantification was performed on a dilution of the sample.

ug/L- Micrograms per Liter (parts per billion).

- Indicates Detection.

*- Inorganic water quality data available.

ND- No Detect.

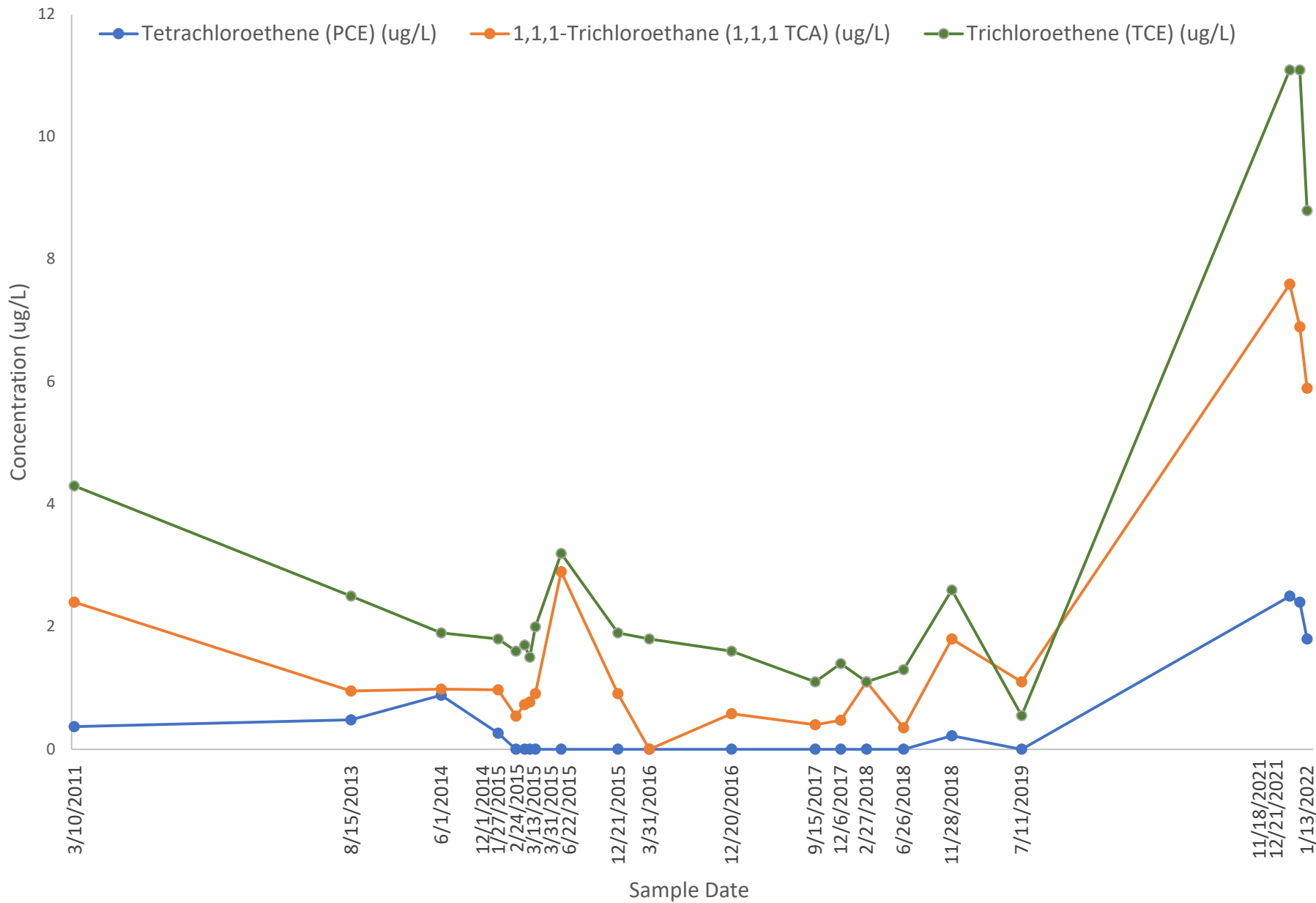
P/NP- Present/Not Present

NA- Not Analyzed

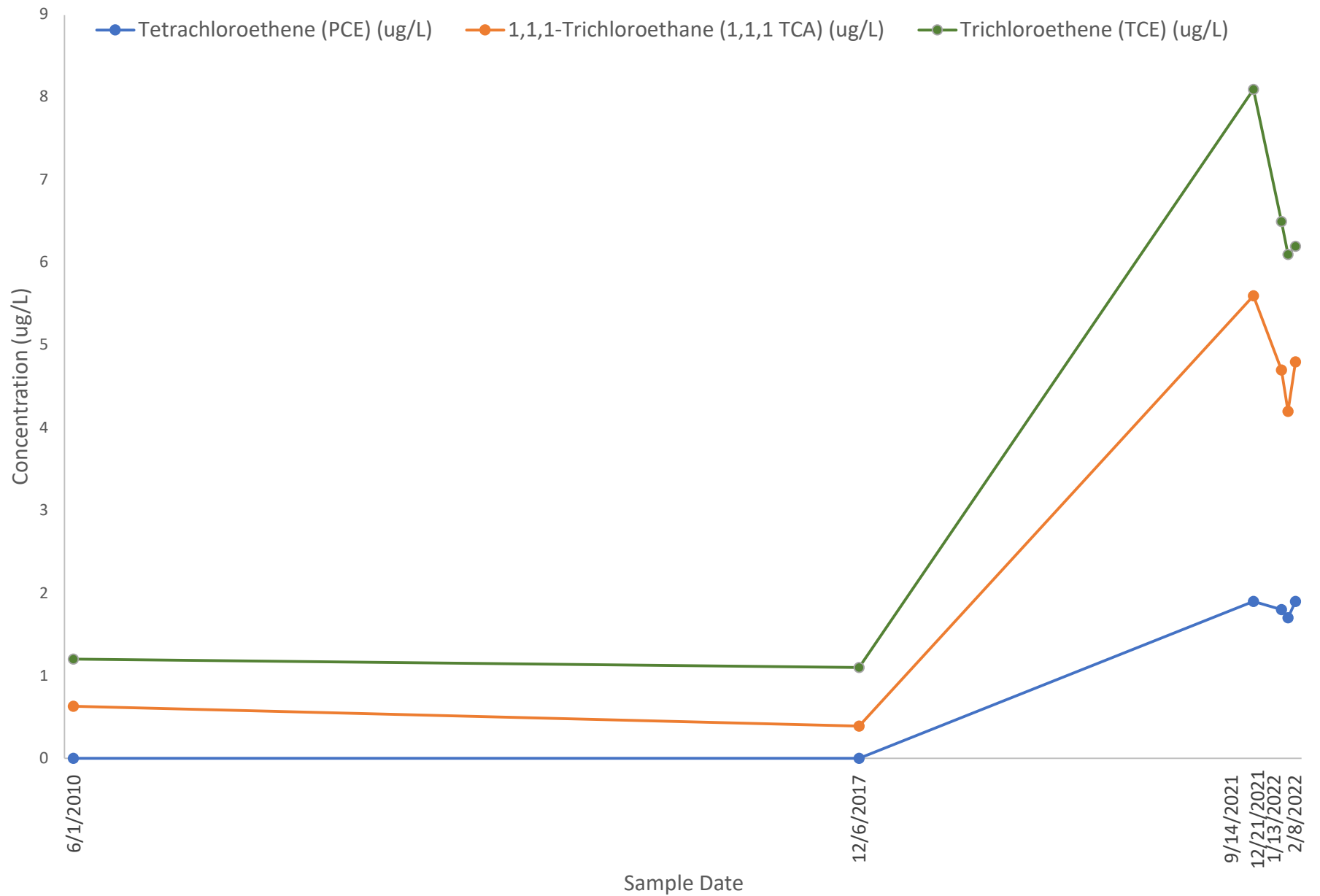
- Analytical data obtained from the WDNR Special Well Construction Area Data Base, Town of Hudson, Wisconsin.

Attachment 3

596 Schommer Dr. (Safeway Bus Co.)



587 County Rd. A



Attachment 4

Attachment 4 – Figure 2



Attachment 4.1

596 Schommer Dr.

596 Schommer Dr. (Safeway Bus Co.)

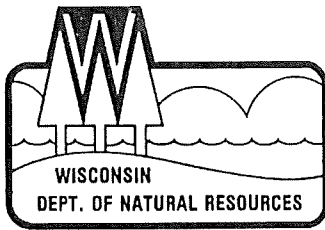


Looking west from County. Rd. U at the eastern side of the facility.

596 Schommer Dr. (Safeway Bus Co.)



Looking north from Schommer Dr. at the southern side of the facility.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Donald R. Winter, District Director

Western District Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
FAX 715-839-6076/1605
TTY 715-839-2786

IN REPLY REFER TO:

September 6, 1996

Mr. Brian Pederson
Safeway Bus Company
596 Schommer Drive
Hudson, WI 54016

HW/CME
FID 656 078 610
St. Croix County

SUBJECT: 8/27/96 Hazardous Waste Management Inspection

Dear Mr. Pederson:

On August 27, 1996, I conducted a routine inspection of Safeway Bus Company. You were not available during this inspection; however, I did talk with your co-workers. The purpose of this inspection was to ensure compliance with Wisconsin's hazardous waste management regulations, found in NR 600-685, Wis. Adm. Code. Based on my observations, and conversations with Safeway staff, your company is a very small quantity generator (VSQG) of hazardous waste, generating less than 100 kg (220 pounds) in a calendar month, and accumulating less than 1000 kg. of hazardous waste at any time. During my inspection, the following areas of concern were noted during my inspection:

Mixing Solvents with used oil: NR 610.07(5), Wis. Adm. Code, allows very small quantity generators to mix hazardous waste with used oil only if a few conditions are met. 1) Only ignitable hazardous wastes can be mixed with used oil. Hazardous wastes that are toxic due to other contaminants, such as metals, may not be mixed with used oil. 2) The resulting hazardous waste/used oil mixture must not be ignitable. The Stoddard solvent *product* being used in your parts washer is hazardous only because it is ignitable; however, keep in mind that this product picks up contaminants during use, and may be toxic when disposed. Analyzing the waste, or setting up a routine change out schedule will ensure that the waste is not toxic.

The lacquer thinner that you are using in your painting operation is ignitable, toxic, and listed hazardous waste. This waste may not be mixed with used oil. Mixing this type of waste with your used oil will render the entire mixture hazardous. The lacquer and paint related wastes should be kept in a closed, labeled container. Waste paint and related solvents must be managed as hazardous wastes. NR 610.07(1)b, Wis. Adm. Code, requires generators to ensure that all hazardous wastes sent off-site are managed by a licensed hazardous waste facility; however, Wisconsin DNR has developed guidance (SW-737-95) that allows very small quantity generators to take their wastes to hazardous waste collection centers. St. Croix County will be collecting hazardous waste from households and very small quantity generators on September 21, 1996, at the County Highway Shop in Hammond. Contact Mr. Jim Janke at (715) 684-3301 for pre-registration information. All businesses participating must pre-register. I have also enclosed a list of companies licensed to manage hazardous wastes. No matter where the wastes are disposed, you will need to keep receipts, bills of lading, or other information documenting that the waste was properly disposed.

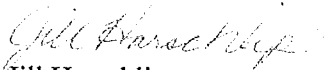
Safeway Bus Company - 9/6/96

Fluorescent Light Bulbs: Traditional fluorescent bulbs contain small amounts of mercury, and should not be disposed in your regular trash. Several companies in your area can recycle fluorescent bulbs. Until you generate enough for disposal, they should be stored in a cardboard box, or in some container to minimize breakage. I have enclosed a list of Minnesota companies that recycle bulbs. Phillips lighting company has developed a low-mercury fluorescent lamp that you may want to consider when purchasing lamps.

Wastewater Permits: Your vehicle washing activities may require a general wastewater discharge permit from the Department. I have enclosed a notification form that must be completed and mailed to the address listed on the form. Based on this information, the Department will determine if Safeway Bus Company will need a discharge permit. If you have questions about this notification, contact Mr. Duane Popple at (715) 839-2906.

To document that you are in compliance with Wisconsin's Hazardous Waste Management regulations, notify me, by **October 7, 1996**, of your decisions concerning management of the hazardous wastes at your shop. Thank you for your cooperation with these issues. If you have any questions please contact me at (715) 839-2788.

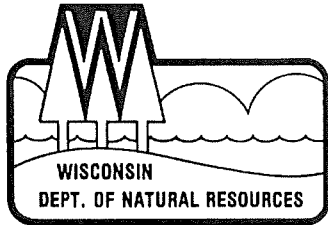
Sincerely,



Jill Harschlip
Hazardous Waste Management Specialist

enc.

c: Lundberg/Hooper - WD
Cook - WA/3.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Donald R. Winter, District Director

Western District Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, WI 54702-4001
FAX 715-839-6076/1605
TTY 715-839-2786

October 4, 1996

Mr. Brian Pederson
Safeway Bus Company
596 Schommer Drive
Hudson, WI 54016

HW/CME
FID 656 078 610
St. Croix County

SUBJECT: 8/27/96 Hazardous Waste Management Inspection

Dear Mr. Pederson:

Based on our conversations, the items of concern noted during my 8/27/96 inspection of Safeway Bus Company have been resolved. As we discussed, it is important that records and receipts to document proper disposal/recycling of wastes are kept for future reference.

You have indicated that Safeway has taken the following actions:

- A 30 gallon plastic drum has been designated to store hazardous painting and cleaning wastes. This container must be kept closed except when adding or removing waste, and must be labeled with the words "hazardous waste" or other words to identify the contents. I have enclosed a label that you can use; however, simply stenciling a label on the drum is adequate. The filled drum of waste will be taken to a hazardous waste clean-sweep (accepting waste from businesses), or sent to a licensed hazardous waste facility.
- Anti-freeze will be collected in a plastic container. Anti-freeze must also be stored in a closed, labeled container. On-site recycling equipment is being considered.
- A general wastewater discharge permit application has been sent to the Department.

I will likely conduct a follow-up inspection at Safeway Bus Company in the future. Thank you for your cooperation with these issues. If you have any questions please contact me at (715) 839-2788.

Sincerely,

Jill Schoen
Hazardous Waste Management Specialist

c: Lundberg/Hooper - WD
Cook - WA/3

I.

Facility Sampling Inspection and Safety Plan

Site Name:

Thermogas Company
597 Schommer Drive
Hudson, WI

Safeway Bus Company
596 Schommer Drive
Hudson, WI
656 078 610

St. Croix Custom Fabricating
589 Schommer Drive
Hudson, WI
WIR 000 017 996

National Products Organization (NPO)
593 Schommer Drive
Hudson, WI
656 078 060

Date of Sampling Inspection:

September 15, 1998

Inspection Personnel:

Jill Schoen
Pat Collins



Authority: Employees of the State of Wisconsin, under a cooperative agreement with the Environmental Protection Agency, are authorized to inspect facilities and to collect samples to determine compliance with federal and state hazardous waste management laws and regulations. Inspection authority is also outlined in Chapters 291.91, and 292.11(8), Wisconsin Statutes.

II. **Site objective:**

Recent water supply information indicates the presence of previously undetected VOCs. These VOCs do not seem to be associated with a known contamination source in the area (Norlake). Department staff have reason to believe that a release of a hazardous substance has occurred, or is occurring in this area.

The purpose of this inspection is to document the release of a hazardous substance or hazardous waste, and to document a source of these previously undetected VOCs. In 1996, hazardous waste inspections were conducted at several facilities in the area. (Three of the facilities listed above.) Two facilities could not document off-site disposal of hazardous waste, and management practices and explanations were questionable.

Note
* Affidavits were drafted for each facility. Dept. staff worked with local conservation warden to ensure that an inspection warrant(s) could be quickly obtained, if needed. JS.

Jill Schoen and Pat Collins will conduct brief inspections of these facilities, documenting the type of chemicals managed, and types of hazardous waste generated. MSDS for solvents and paint related products will be obtained, if possible. Off-site disposal records, if available, will be reviewed. A visual survey of the property will be conducted. Collins and Schoen will then collect samples of waste from the on-site septic systems, or from piping associated with the systems. If visual contamination is observed (i.e. stained soils) samples will also be collected.

III. *Site Maps for four facilities are attached.*

IV. *Tasks*

1. Review site plans, inspect parking lot and areas outside buildings.
2. Notify owner or employees of presence and obtain access.
3. A brief walk through inspection will be conducted. The focus of this inspection will be to determine/document the type of chemicals being used, and types of waste being generated. Off-site disposal records, if available will be reviewed. Areas behind the buildings will be inspected.
4. Sampling will be conducted. Site conditions will be reviewed. These sites are "controlled" sites, so little potential for exposure to unknowns exists. If possible, the tanks will be accessed through vent pipes. If tanks can not be accessed, other options will be considered, such as collecting samples from piping systems, associated with the septic system (traps, drains, pump chambers).
5. If visual evidence of a discharge exists, samples will be collected. For example, if stained soils are observed, samples will be collected.
6. If evidence of a discharge exists, waste and or products from the facility may also be sampled.

V. *Sampling Procedures*

Representative samples will be difficult to obtain, due to the heterogeneous nature of this waste. Grab samples from septic tanks will be collected using a sludge judge. Samples will be placed into quart mason jars, supplied by Wisconsin's Lab of Hygiene. All jars will be labeled with a unique identification number, the date of the inspection, and the collector's initials. The ID number will be written on the container, and recorded into field notes. All pertinent information will be recorded in the field notebook, including, but not limited to, physical description of waste, results of all field testing if applicable, sample identification number, date and time sample obtained, and sampler initials.

If stained soils are encountered, samples will be collected. Sample techniques will be based on site information. Soil samples will be collected using stainless steel spoons or hand augers.

Samples will be immediately placed on ice and shipped to the State Laboratory of Hygiene. The samples will be analyzed by the SLOH for VOCs (GS/MS screen and quantification). Other parameters may be requested where appropriate. Proper chain of custody will be maintained over all samples to ensure their validity.

The sludge judge will be cleaned between samples. This cleaning will consist of washing with a phosphate-free detergent, tap water rinse, and de-ionized water rinse. All disposable equipment and PPE will be containerized in plastic garbage bags and disposed.

All samples will be placed on ice in coolers prior to same day shipment to SLOH. Acid preservation will not be conducted with this waste, as outlined in the DNR's field procedures manual.

VI. Training

All employees collecting samples, or who are exposed to potentially hazardous substances, health hazards, or safety hazards will have appropriate 24 or 40 hour safety training, and be up-to-date with refresher training.

VI. Personal Protective Equipment

This type of waste presents a unique health hazard, because of the presence of both toxic substances, and pathogens. Because this site is controlled, level D protection will be appropriate. Level C may be used, depending on site conditions. This decision will be made in the field. While sampling or handling the waste rubber and/or latex gloves will be worn at all times. Protective clothing, long sleeves and boots will also be worn. Any exposed skin will be immediately washed and thoroughly treated. The following PPE will be available: boots, gloves (rubber and/or latex), safety glasses/goggles, or face shields).

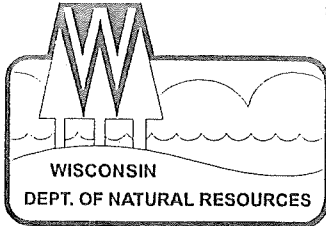
VII. Equipment and Supplies

first aid kit,
portable telephone,
disposable bailer,
stainless steel spoons,
stainless steel auger,
sludge judge,
detergent,
water, de-ionized water,
PPE,
camera, film,
paper towels,
plastic bags,
lab slips, chain of custody forms
sampling kit
shovels,
tools to access systems
other.... list

VIII. Emergency Numbers

*This area has 911 access
Map attached:*

*Chemtrec: 1-800-424-9300
Resco: 1-800-669-4162
Med-Tox: 501-370-8203
Spill Hotline: 800-943-00031*



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

December 23, 1998

Safeway Bus Company
Attn. Brian Pederson
596 Schommer Drive
Hudson, WI 54106

HW/CME
non-notifier
FID 656 078 610
St. Croix County

Subject: Septic tank sampling results

Dear Mr. Pederson:

On September 15, 1998, Pat Collins and I collected a sample of waste from the septic tank located at 596 Schommer Drive. The Department recently received the results from these sampling activities. I have enclosed copies of the analysis for your information.

Recent water supply information indicates the presence of previously undetected volatile organic compounds (VOCs), including methylene chloride. The purpose of collecting and analyzing the samples was to attempt to identify the source of these compounds. Methylene chloride was not detected in the sample; however, p-isopropyl toluene, and toluene were present. *The levels of VOCs detected in the tank do not warrant further investigation or actions at this time; however, I recommend that you take a close look at products that you are using, talk to staff, and to try to identify any potential sources of VOCs.* As you know, septic systems are designed to manage domestic waste only, so it is important to ensure that VOC containing compounds are not being discharged.

We may continue our investigation if future information indicates a continued unknown source of VOCs in the local water supply. Thank you for your cooperation. If you have questions, or would like to discuss these issues, please contact me at (715) 839-2788.

Sincerely,

Jill Schoen
Waste Management Specialist

enc.

c: Lundberg/ WCR files
Collins - Baldwin
WA/Files - WA/3



Quality Natural Resources Management
Through Excellent Customer Service



A. GENERAL INFORMATION:

Date Sent to HW- SW/3	Date Received by HW-SW/3	HW-SW/3 Review Date	Initials	CMEL Data Entry Date	Initials	Entrack Data Entry Date	Initials
Facility Name (As shown in a current EPA Notification Printout) Safeway Bus Company				EPA ID Number WI		FID Number 656078610	
Street/Location 596 Schommer Drive				Notification Status (As shown in a current EPA Notification Printout) (Circle all that apply) LQG SQG VSQG TRANS TSD			
1/4 of		1/4 of Section		Town		Range	
City, Zip Code Hudson, WI 54016				District/County WCR/St. Croix			
Contact Name/Phone Mr. Brian Pedersen 715-386-2824				Other non-notifier		Contact Date 9-15-98	
				Type of Contact <input checked="" type="checkbox"/> Field Inspection <input type="checkbox"/> Other <input type="checkbox"/> Conference			

B. FACILITY INSPECTED AS (Check one box only):

Note: The box checked here, the Notification Status circled in Section A and the type of Inspection Form completed must all be status consistent.

- Commercial Treatment/Storage
- Non-Commercial Treatment/Storage
- Land Disposal Facility
- Incinerator
- Generator - Large Quantity
- Generator - Small Quantity
- Generator - Very Small Quantity
- Transporter
- Under Review for Activity (Recommended Status Is _____)
- Non-Hazardous Waste Entity
- Other _____

C. NOTIFICATION CHANGE:

- Status Change (Attach Status Change Form 4430-12): Field Verified Status Is _____
- Name Change: Change Name To _____

D. EVALUATION TYPE (Check all that apply):

- Compliance Evaluation Insp (1)
- Land Disposal Restriction Insp (13)
- Follow-up Insp (Date _____) (5)
- Routine Surveillance (10)
- Activity Verification (8)
- Complaint (6)
- Sampling Insp (2)
- Case Development (11)
- Immediate Threat (14)
- Record Review (3) [FRR ___]
- Comp GW Monitoring Eval (4)
- O & M Inspection (12)
- Closure/Long Term Care (9)
- Licensing Evaluation (7)
- Other _____ (15)

E. ENFORCEMENT ACTIONS (List violation and/or enf. type separately):

Viol Type Class	Enf Type	Violation Discovery Date	Date Issued	Response Due	Actual Comp	Enf Stat	NR 181 or NR 600 Citation	Additional Information
1	2	MM DD YY	MM DD YY	MM DD YY	MM DD YY			
		-	to be determined	-	-			
		-	No further Action	at this time	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			

F. SPECIALTIES (CHECK ONLY IF VIOLATION(S) HAVE BEEN CONFIRMED WITH OFFICE OF ENVIRONMENTAL ENFORCEMENT):

This facility is: High Priority Violator (H) Violating CA Schedule (C) Violating Insurance/Liability Regs (I)

District/Area Comments: _____

HW-SW/3 Comments: _____

District/ Area Signature(s) <i>Jill Schoen</i>	Date 9-18-98
Documentation <input type="checkbox"/> Inspection Form; Attachment # _____ <input type="checkbox"/> Status Change Form	<input type="checkbox"/> Letter/NON/NOV to Facility <input checked="" type="checkbox"/> Other f.c. contact
District Review	Date

Distribution: Copy 1 - District Copy 2 - HW-SW/3; Rtn to Dist after CMEL entry Copy 3 - HW-SW/3 Copy 4 - Area

X sample plan

NOTE: DO NOT USE THIS FORM WHEN DOCUMENTING INSPECTIONS AT HAZARDOUS WASTE AND SOLID WASTE FACILITIES. SEE BACK SIDE OF THIS FORM FOR MORE INFORMATION.

ATTN: Cook - SW/3			License Number		
<input type="checkbox"/> Solid Waste Management SW/3	<input checked="" type="checkbox"/> District - Safeway Bus Co. file				
<input type="checkbox"/> Hazardous Waste Management	<input type="checkbox"/> Environmental Enforcement EE/5				
<input type="checkbox"/> Emergency/Remedial Response	<input checked="" type="checkbox"/> Dave Lundberg - wcr				
			EPA ID Number non-notifier		
			Facility ID Number 656 078 610		
Facility/Company Name Safeway Bus Company		Location (Address or 1/4 1/4) 596 Schommer Dr.		City, State, Zip Code Hudson, WI 54016	
Facility Type Transit Co.	District WCR	County St. Croix	Contact Method <input checked="" type="checkbox"/> In-Person	Date 9-15-98	Time
Facility Representative Contacted Brian Pedersen		Title or Position of Representative maintenance Supervisor		Telephone Number 715-386-2824	

Jill Schoen and Pat Collins conducted an inspection at Safeway Bus Co. Since the Department's initial inspection in 1996, approximately 1 gallon of waste thinner had been accumulated and was stored in a closed, labeled container. Safeway does a small amount of touch up painting (bumpers etc.). Fleet maintenance is the major waste generator. Mineral spirits (petroleum naphtha), waste oil and anti-freeze is generated. Rock Oil Refining manages oil. Mineral Spirit was added to the oil. Hitec, a MN based company, does on-site anti-freeze recycling (612-351-1259). The lacquer thinner is a NAPA #15: 29% toluene, 2% ethyl benzene, 10% Xylene mixture.

Dept. staff collected a sample from the ~~on-site~~ septic tank. The location of the tank is illustrated in the sampling plan. Using a sludge judge, a sample was collected and placed in a mason quart jar. The sample was placed on ice. Identification number SBC-10 was placed on label. The sample consisted of a sediment/sludge layer, and a water layer.

Check if additional sheets attached

By Jill Schoen 9-18-98

AS BUILT SANITARY SYSTEM REPORT

OWNER SAFELWAY BUS Co. TOWNSHIP Hudson

SECTION 21 T 29 N-R 19 W

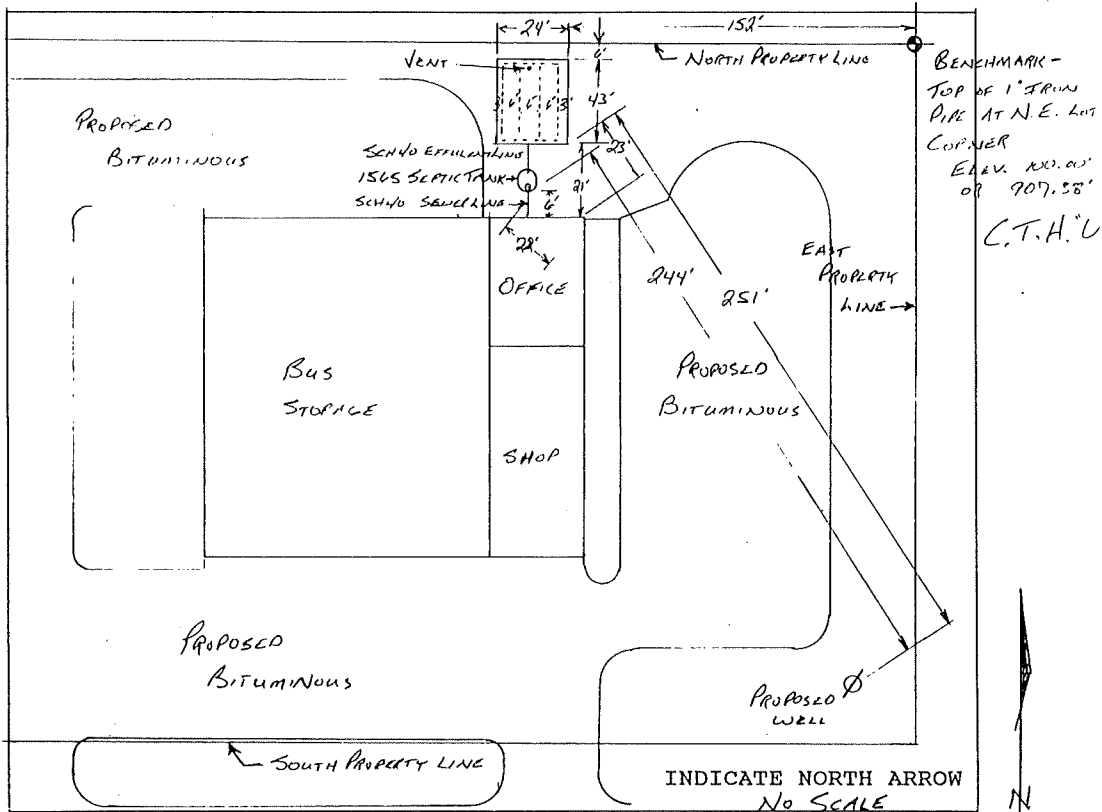
ADDRESS 590 SCHOEMMER DRIVE ST. CROIX COUNTY, WISCONSIN

NHD:001

SUBDIVISION ST. CROIX INDUSTRIAL PARK LOT 9 LOT SIZE 121,800 sq. FT.

PLAN VIEW

SHOW EVERYTHING WITHIN 100 FEET OF SYSTEM



BENCHMARK: Elevation and description: SCHOEMMER RO. TOP OF 1" IRON PIPE AT N.E. LOT CORNER
 Alternate benchmark NA ELEV. 100.00 OR 907.35'

SEPTIC TANK: Manufacturer: WIESER Liquid Cap. 1565 GAL.

Rings used: 2 Manhole cover elev: 105.42 Final grade elev: 106.15'

Tank inlet elev.: 101.77 Tank outlet elev.: 101.57

No. of feet from nearest road: Front , Side ✓, Rear Ft. 185'

From nearest prop. line: Front , Side ✓, Rear Ft. 162'

No. of feet from: Well 244', Building: 6'

(Include this information in the above plot plan)
 (2 reference dimensions to septic tank)
 SEE REVERSE SIDE

Department of Natural Resources

ORGANIC TEST REQUEST FORM - Form 4800-organics

Rev. 6/96

Bill To: Solid Waste Hazardous Waste ERF LUST Spills Wastewater Water Supply Water Resources Other

I.D. Number, Permit or STORET: 656078610 Point, Well or Outfall #: _____ Field No.: SBC-1 County #: 56 Route Code: SW60

Waterbody Number: _____ Sample Address or Location: Safeway Bus Company, 596 Schommer Drive, Hudson, WI

Sample Point Description: Septic tank on Property

Send Report To: Jill Schoen
DNR - Eau Claire
P.O. Box 4001
Eau Claire, WI 54702

- Sample Type (Non WS):
- SU Surface Water
 - EF Effluent
 - IF Influent
 - WW Wastewater
 - SE Sediment
 - SL Sludge
 - TI Tissue
 - MW Monitoring Well
 - LY Lysimeter
 - LE Leadate
 - SO Soil
 - OW Waste

For Lab Use
Priority

Jill Schoen

Account Number: WA008
Collected By: Jill Schoen, Pat Collins

- Water System Type (Water Supply Use ONLY)
- MC Community-Municipality
 - OC Com.-Other than Municipal
 - TN Transient Non-Community
 - NN Non-Transient Non-Community
 - P Private
 - X Non-Potable
- Sample Sources (WS ONLY):
- D Distribution
 - E Entry Point
 - W Well
- Sample Type (SDWA ONLY):
- D Compliance Sample
 - C Confirmation
 - W Raw Water Sample
 - I Investigation

Lakes Grant or WR Project # _____
Phone: (715) 839-2788
Check any appropriate:
 S Split E Enforcement B Field Blank



Compliance Sample? Yes No
Is Sample Chlorinated? Yes No

Begin or Grab Date: 09/15/98
Begin Time (24 hr clock): 12:00
End Date - For Composite Samples Only: _____
End Time (24 hr clock) - For Composite Samples Only: _____

- Priority Pollutant Scan (Non-VOC)
- Priority Pollutant Pesticides
 - Priority Pollutant Base/Neutral/Acid
- PCBs
- Aroclor Identification
 - Congeners
 - Coplanar
- Petroleum Products
- Gasoline
 - Fuel Oil #1
 - Fuel Oil #2
 - GRO
 - DRO
- PAHs (HPLC)
- Carbyl
 - Carbofuran
- Butylate
- BPTC
- 2,4-D
- 2,4,5-TP
 - 2,4,5-T
- Chloramden
- Picloram
 - Dicamba
- Additional parameters

- Phorate
- Terbufos
- Atrazine
- Deethylatrazine
- Deisopropylatrazine
- Diaminotrazine
- Alachlor
- Metolachlor
- Cyanazine
- Aldicarb and other carbamates
- Dimethoate
- Dinoseb
- DCPA
- Ethylene Dibromide
- Metribuzin
- Simazine
- Linturon
- Fonofos
- Formaldehyde (Water Only)

See comment on HPLC sample lab sheet 08000847.
DD
9/17/98

- VOCs (Check one of the following.)
- GC/MS Screen Only
 - GC/MS Screen and GC Quantification (EPA Method 8021)
 - GC Quantification Only (EPA Method 8021)
 - GC Quantification Only (Drinking Water-EPA Method 502.2)
- Toxicity Characteristic Leaching Procedure (TCLP) (Check one or more of the following.)
- VOCs
- Base/Neutral Extractables
 - 2,4-Dinitrotoluene
 - Hexachlorobenzene
 - Hexachlorobutadiene
 - Nitrobenzene
 - Pyridine
- Acid Extractables
- 2-Methylphenol
 - 3 & 4-Methylphenol
 - Pentachlorophenol
 - 2,4,6-Trichlorophenol
 - 2,4,5-Trichlorophenol
- Acid Herbicides
- 2,4-D
 - 2,4,5-TP (Silvex)
- Chlorinated Pesticides
- Chlordane
 - Endrin
 - Heptachlor
 - Heptachlor Epoxide
 - Lindane
 - Methoxychlor
 - Toxaphene
- Ignitability (Haz. Waste Char.)

For Lab Use
Temp: _____
Analyst: _____

Date Received And Sample No.

~~SEP 16 1998~~

0J000848

SEP 17 1998

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 # OJ000848, Field # SBC-1

DICHLORODIFLUOROMETHANE	*QL ND	UG/L #1
1,1-DICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,2-DICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,1-DICHLOROETHYLENE	*QL ND	UG/L #1
CIS-1,2-DICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
TRANS-1,2-DICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
1,2-DICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
1,3-DICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
2,2-DICHLOROPROPANE	ND (LOD=0.30 UG/L)	#1
1,1-DICHLOROPROPENE	ND (LOD=0.50 UG/L)	#1
CIS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L)	#1
TRANS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L)	#1
DIISOPROPYL ETHER	ND (LOD=10. UG/L)	#1
ETHYLBENZENE	ND (LOD=0.30 UG/L)	#1
HEXACHLOROBUTADIENE	ND (LOD=0.30 UG/L)	#1
ISOPROPYLBENZENE	ND (LOD=0.50 UG/L)	#1
P-ISOPROPYLTOLUENE	+ 240 UG/L	#1
METHYL ETHYL KETONE (MEK)	ND (LOD=10. UG/L)	#1
METHYL ISOBUTYL KETONE (MIBK)	ND (LOD=10. UG/L)	#1
METHYL-TERT-BUTYL ETHER (MTBE)	ND (LOD=1.0 UG/L)	#1
METHYLENE CHLORIDE	**	UG/L #1
NAPHTHALENE	ND (LOD=0.30 UG/L)	#1
N-PROPYLBENZENE	ND (LOD=0.50 UG/L)	#1
STYRENE	ND (LOD=0.50 UG/L)	#1
1,1,1,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L)	#1
1,1,2,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L)	#1
TETRACHLOROETHYLENE	ND (LOD=0.50 UG/L)	#1
TETRAHYDROFURAN (THF)	ND (LOD=10. UG/L)	#1
TOLUENE	+ 390. UG/L	#1
1,2,3-TRICHLOROBENZENE	ND (LOD=0.30 UG/L)	#1
1,2,4-TRICHLOROBENZENE	ND (LOD=0.50 UG/L)	#1
1,1,1-TRICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,1,2-TRICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
TRICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
TRICHLOROFLUOROMETHANE	ND (LOD=0.50 UG/L)	#1
1,2,3-TRICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
1,1,2-TRICHLOROTRIFLUOROETHANE	ND (LOD=0.50 UG/L)	#1
1,2,4-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L)	#1
1,3,5-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L)	#1
VINYL CHLORIDE	ND (LOD=0.50 UG/L)	#1

Washed box

343/68

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 # OJ000848, Field # SBC-1

M/P-XYLENE ND (LOD=1.0 UG/L) #1
O-XYLENE ND (LOD=0.30 UG/L) #1
VOCS IN WATER BY PURGE & TRAP-PREP-EPA METHOD 8021 C

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OJ000848.MM1

Memo for OJ000848

--- OJ000848.MM1 - VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021 ---

The following qualifiers exist for the data that is reported for Wisconsin State Laboratory of Hygiene (WSLH) sample OJ000848.

The sample was received in a WSLH one (1) quart mason jar with a large air space. Five (5)-40 mL vials were filled from the one quart jar and acidified with hydrochloric acid to pH <2.0 in the laboratory.

Lower quality control limit is exceeded indicated by *QL.
Matrix spike does not meet upper QC limit indicated by *MSU.
The relative percent difference for the matrix spike and matrix spike duplicate does not meet the QC limit indicated by *RPD.
The test result for methylene chloride is *RPD*MSU ND indicated by **.

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

HAZARDOUS WASTE COMPLIANCE MONITORING AND ENFORCEMENT (CME) FORM Form 4430-5 Rev. 1-90

State of Wisconsin Department of Natural Resources

C 0931

Pg 1 of 1

A. GENERAL INFORMATION:

Date Sent to HW- SW/3	Date Received by HW-SW/3	HW-SW/3 Review Date	Initials	CMEL Data Entry Date	Initials	Entrack Data Entry Date	Initials
Facility Name (As shown in a current EPA Notification Printout) <i>Safeway Bus Company</i>				EPA ID Number W I		FID Number <i>656078610</i>	
Street/Location <i>596 Schommer Drive</i>				Notification Status (As shown in a current EPA Notification Printout) (Circle all that apply) LQG SQG <u>VSQG</u> TRANS TSD			
1/4 of		1/4 of Section		Town		Range	
City, Zip Code <i>Hudson 54016</i>			District/County <i>WD/St. Croix</i>			Other	
Contact Name/Phone <i>Maria Stecky ; Brian Pederson 715-386-2824</i>				Type of Contact <input checked="" type="checkbox"/> Field Inspection <input type="checkbox"/> Other <input type="checkbox"/> Conference		Contact Date <i>8-27-96</i>	

B. FACILITY INSPECTED AS (Check one box only):

Note: The box checked here, the Notification Status circled in Section A and the type of Inspection Form completed must all be status consistent.

- | | | |
|---|---|---|
| <input type="checkbox"/> Commercial Treatment/Storage | <input type="checkbox"/> Generator - Large Quantity | <input type="checkbox"/> Under Review for Activity |
| <input type="checkbox"/> Non-Commercial Treatment/Storage | <input type="checkbox"/> Generator - Small Quantity | (Recommended Status Is _____) |
| <input type="checkbox"/> Land Disposal Facility | <input checked="" type="checkbox"/> Generator - Very Small Quantity | <input type="checkbox"/> Non-Hazardous Waste Entity |
| <input type="checkbox"/> Incinerator | <input type="checkbox"/> Transporter | <input type="checkbox"/> Other _____ |

C. NOTIFICATION CHANGE:

- Status Change (Attach Status Change Form 4430-12): Field Verified Status Is _____
- Name Change: Change Name To _____

D. EVALUATION TYPE (Check all that apply):

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Compliance Evaluation Insp (1) | <input type="checkbox"/> Complaint (6) | <input type="checkbox"/> Comp GW Monitoring Eval (4) |
| <input type="checkbox"/> Land Disposal Restriction Insp (13) | <input type="checkbox"/> Sampling Insp (2) | <input type="checkbox"/> O & M Inspection (12) |
| <input type="checkbox"/> Follow-up Insp (Date _____) (5) | <input type="checkbox"/> Case Development (11) | <input type="checkbox"/> Closure/Long Term Care (9) |
| <input type="checkbox"/> Routine Surveillance (10) | <input type="checkbox"/> Immediate Threat (14) | <input type="checkbox"/> Licensing Evaluation (7) |
| <input type="checkbox"/> Activity Verification (8) | <input type="checkbox"/> Record Review (3) [FRR ___] | <input type="checkbox"/> Other _____ (15) |

E. ENFORCEMENT ACTIONS (List violation and/or enf. type separately):

Viol Type Class	Enf Type	Violation Discovery Date	Date Issued	Response Due	Actual Comp	Enf Stat	NR 181 or NR 600 Citation	Additional Information
1	2	MM DD YY	MM DD YY	MM DD YY	MM DD YY			
99	Inf.	8-27-96	9-6-96	10-7-96	10-3-96	R	610.07	Document Waste Disposal
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			
		-	-	-	-			

F. SPECIALTIES (CHECK ONLY IF VIOLATION(S) HAVE BEEN CONFIRMED WITH OFFICE OF ENVIRONMENTAL ENFORCEMENT):

This facility is: High Priority Violator (H) Violating CA Schedule (C) Violating Insurance/Liability Regs (I)

District/Area Comments: *Evaporating Hazardous Waste and mixing w oil will not generate enough to dispose of for some time; however, they have made arrangements to have collecting*

HW-SW/3 Comments: _____

District/ Area Signature(s) <i>Jim Staschlik</i>			Date <i>9-9-96</i>
Documentation <input checked="" type="checkbox"/> Inspection Form; Attachment # _____	<input checked="" type="checkbox"/> Letter/NON/NOV to Facility	District Review	Date
<input type="checkbox"/> Status Change Form	<input type="checkbox"/> Other _____		

Attachment 4.2

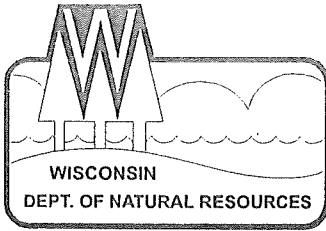
597 Schommer Dr.

597 Schommer Dr.
(Former Thermogas, Current Ferrellgas)



Septic drain field →
and vent caps

Looking southwest from County Rd. U at east and north sides of the facility. Location of private water supply well unknown.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

December 23, 1998

Thermogas
Attn. Mr. Tom Casey
597 Schommer Drive
Hudson, WI 54106

HW/CME
non-notifier
FID 656 086 750
St. Croix County

Subject: Septic tank sampling results

Dear Mr. Casey:

On September 15, 1998, Pat Collins and I collected a sample of waste from the septic tank located at 597 Schommer Drive. The Department recently received the results from these sampling activities. I have enclosed copies of the analysis for your information.

Recent water supply information indicates the presence of previously undetected volatile organic compounds (VOCs), including methylene chloride. The purpose of collecting and analyzing the samples was to attempt to identify the source of these compounds. Methylene chloride was not detected in the sample; however, p-isopropyl toluene, and toluene were present. *The levels of VOCs detected in the tank do not warrant further investigation or actions at this time; however, I recommend that you take a close look at products that you are using, talk to staff, and to try to identify any potential sources of VOCs.* As you know, septic systems are designed to manage domestic waste only, so it is important to ensure that VOC containing compounds are not being discharged.

We may continue our investigation if future information indicates a continued unknown source of VOCs in the local water supply. Thank you for your cooperation. If you have questions, or would like to discuss these issues, please contact me at (715) 839-2788.

Sincerely,

Jill Schoen
Waste Management Specialist

enc.

c: Lundberg/ WCR files
Collins - Baldwin
WA/Files - WA/3



Quality Natural Resources Management
Through Excellent Customer Service



A. GENERAL INFORMATION:

Date Sent to HW- SW/3	Date Received by HW- SW/3	HW- SW/3 Review Date	Initials	CMEL Data Entry Date	Initials	Entrack Data Entry Date	Initials
						656 086	750
Facility Name (As shown in a current EPA Notification Printout)				EPA ID Number		FID Number	
Thermogas Company				non-notifier		to be issued	
Street/Location				Notification Status (As shown in a current EPA Notification Printout)			
597 Schommer Drive				(Circle all that apply)			
1/4 of 1/4 of Section Town Range				LQG SQG VSQG TRANS TSD			
City, Zip Code				District/County			
Hudson, 54016				WCR / St. Croix			
Contact Name/Phone				Type of Contact		Contact Date	
Tom Casey 715-879-5605				<input checked="" type="checkbox"/> Field Inspection <input type="checkbox"/> Other <input type="checkbox"/> Conference		9-15-98	

B. FACILITY INSPECTED AS (Check one box only):

- Note: The box checked here, the Notification Status circled in Section A and the type of Inspection Form completed must all be status consistent.
- | | | |
|---|---|--|
| <input type="checkbox"/> Commercial Treatment/Storage | <input type="checkbox"/> Generator - Large Quantity | <input type="checkbox"/> Under Review for Activity |
| <input type="checkbox"/> Non-Commercial Treatment/Storage | <input type="checkbox"/> Generator - Small Quantity | (Recommended Status Is _____) |
| <input type="checkbox"/> Land Disposal Facility | <input checked="" type="checkbox"/> Generator - Very Small Quantity | <input checked="" type="checkbox"/> Non-Hazardous Waste Entity |
| <input type="checkbox"/> Incinerator | <input type="checkbox"/> Transporter | <input type="checkbox"/> Other |

C. NOTIFICATION CHANGE:

- Status Change (Attach Status Change Form 4430-12): Field Verified Status Is _____
- Name Change: Change Name To _____

D. EVALUATION TYPE (Check all that apply):

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Compliance Evaluation Insp (1) | <input type="checkbox"/> Complaint (6) | <input type="checkbox"/> Comp GW Monitoring Eval (4) |
| <input type="checkbox"/> Land Disposal Restriction Insp (13) | <input checked="" type="checkbox"/> Sampling Insp (2) | <input type="checkbox"/> O & M Inspection (12) |
| <input type="checkbox"/> Follow-up Insp (Date _____) (5) | <input type="checkbox"/> Case Development (11) | <input type="checkbox"/> Closure/Long Term Care (9) |
| <input type="checkbox"/> Routine Surveillance (10) | <input type="checkbox"/> Immediate Threat (14) | <input type="checkbox"/> Licensing Evaluation (7) |
| <input type="checkbox"/> Activity Verification (8) | <input type="checkbox"/> Record Review (3) [FRR ___] | <input type="checkbox"/> Other _____ (15) |

E. ENFORCEMENT ACTIONS (List violation and/or enf. type separately):

Viol Type Class	Enf Type	Violation Discovery Date	Date Issued	Response Due	Actual Comp	Enf Stat	NR 181 or NR 600 Citation	Additional Information
1	2	MM DD YY	MM DD YY	MM DD YY	MM DD YY			
								to be determined
								Non-HW generator
								no further action related to sample event

F. SPECIALTIES (CHECK ONLY IF VIOLATION(S) HAVE BEEN CONFIRMED WITH OFFICE OF ENVIRONMENTAL ENFORCEMENT):

This facility is: High Priority Violator (H) Violating CA Schedule (C) Violating Insurance/Liability Regs (I)

District/Area Comments: _____

HW-SW/3 Comments: _____

District/Area Signature(s)	Date
<i>Jill Schoen</i>	9-18-98
Documentation <input type="checkbox"/> Inspection Form; Attachment # _____ <input type="checkbox"/> Letter/NOI/NOV to Facility <input type="checkbox"/> District Review	Date
<input type="checkbox"/> Status Change Form <input checked="" type="checkbox"/> Other <i>Contact form</i>	

NOTE: DO NOT USE THIS FORM WHEN DOCUMENTING INSPECTIONS AT HAZARDOUS WASTE AND SOLID WASTE FACILITIES. SEE BACK SIDE OF THIS FORM FOR MORE INFORMATION.

ATTN: Cook - SW/3 <input type="checkbox"/> Solid Waste Management SW/3 <input checked="" type="checkbox"/> District - <input type="checkbox"/> Hazardous Waste Management <input type="checkbox"/> Environmental Enforcement EE/5 <input type="checkbox"/> Emergency/Remedial Response <input checked="" type="checkbox"/> Dave Lundberg - wcr				License Number	
				EPA ID Number non-notifier	
				Facility ID Number <i>656 086 750</i> to be issued <i>26043560</i>	
Facility/Company Name Thermogas Company		Location (Address or 1/4 1/4) 597 Schommer Drive		City, State, Zip Code Hudson, WI 54016	
Facility Type propane sales and service	District wcr	County St. Croix	Contact Method <input checked="" type="checkbox"/> In-Person	Date 9/15/98	Time
Facility Representative Contacted Tom Casey - sales and service Amy Kavaloski - office administrator		Title or Position of Representative		Telephone Number 715-879-5605	

Jill Schoen and Pat Collins conducted a waste management and sampling inspection at Thermogas Company. Thermogas Company supplies and services propane tanks to customers. This site generates little waste. Thermogas generates used oil and anti-freeze from doing routine maintenance on its trucks. Two drums of used oil are being stored in the shed, as they have been unable to get a local used oil hauler to take this waste because of the small quantity. A list of used oil recyclers will be sent to Thermogas. Recently, Thermogas started contracting out this maintenance work.

Thermogas does not routinely recondition tanks. Small spot jobs are done on site, or at their facility in Elk Mound (Dunn County). Larger jobs, including tanks, are contracted out to St. Croix Truck and Trailer in New Richmond. Methanol is used to purge propane tanks. No waste is generated from this process.

Department staff inspected the area behind the building for evidence of illegal discharges. Since the initial inspection in 1996 gravel drive has been installed. A sample was collected from the septic tank. The sample was collected via a vent pipe on the tank. A map of the system, and access vent is attached to the sampling plan. One grab sample was collected. The collected sample was representative of all layers of waste. The sample consisted of mainly two layers, a sediment/solids layer, and a liquid layer. The sample was collected and placed in a labeled mason quart jar, labeled with a field identification number TGC-1. The sample was placed on ice and shipped to the state lab of hygiene for analysis. A GS/MS screen and quantification was requested. Sample procedures are outlined in the safety and sampling plan for this facility.

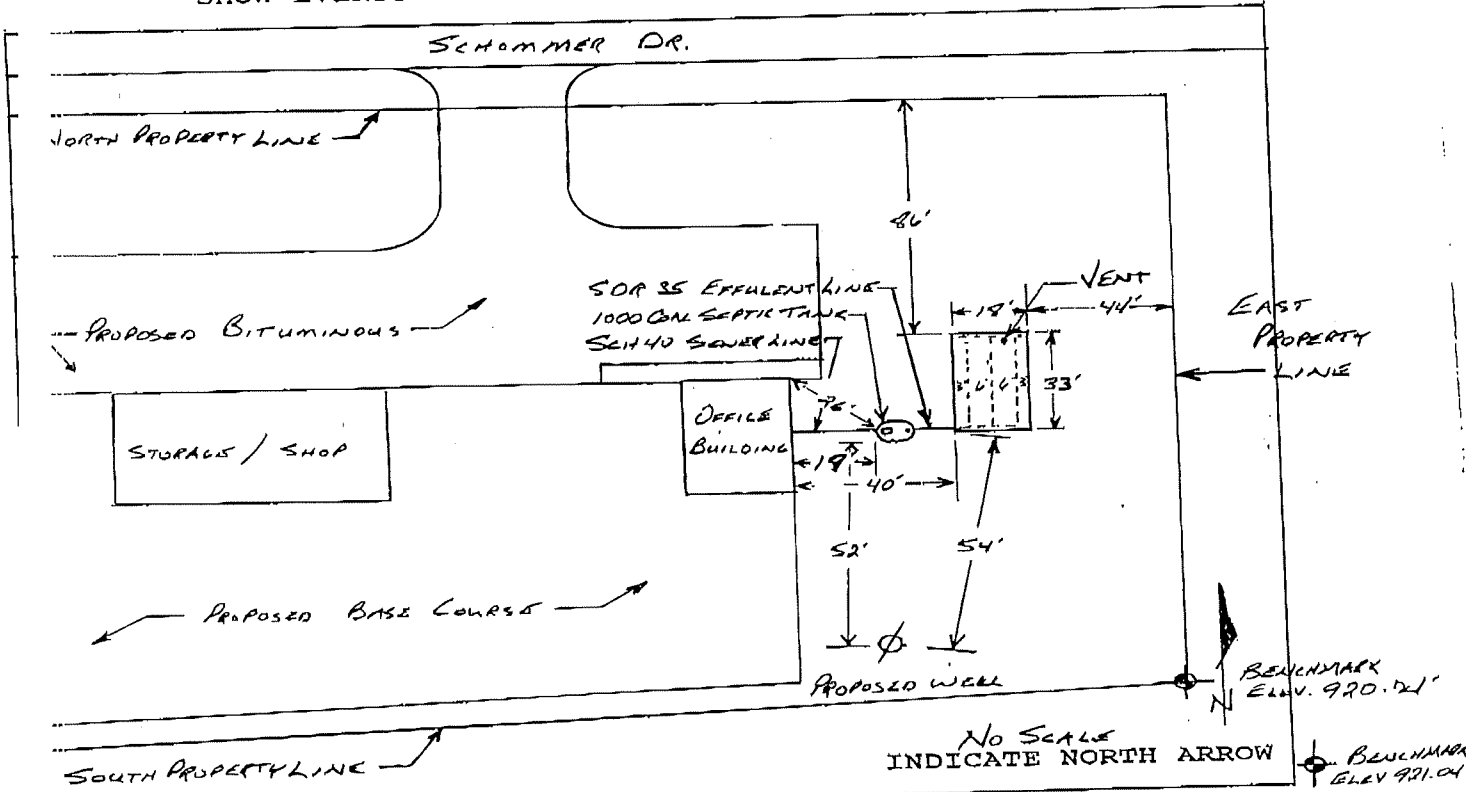
<input type="checkbox"/> Check if additional sheets attached	By <i>Jill Schoen</i> <i>9-17-98</i>
--	--------------------------------------

AS BUILT SANITARY SYSTEM REPORT

OWNER MAPCO GAS Co. Inc. TOWNSHIP HUDSON
 SECTION 21 T. 29 N-R. 19 W
 ADDRESS 597 SCHOMMER DRIVE ST. CROIX COUNTY, WISCONSIN
HUDSON
 SUBDIVISION ST CROIX VENTURES IND. PARK LOT #8 LOT SIZE _____

PLAN VIEW

SHOW EVERYTHING WITHIN 100 FEET OF SYSTEM



BENCHMARK: Elevation and description: 921.04' RAIL ROAD CROSSING SIGNAL BASE
 alternate benchmark 919.75' FROM PIPE AT S.E. PROPERTY CORNER
 SEPTIC TANK: Manufacturer: WIESER Liquid Cap. 1000 GALL
 Rings used: Ø Manhole cover elev: 914.78' Final grade elev: 915.28'
 Tank inlet elev.: 913.25' Tank outlet elev.: 913.00'
 No. of feet from nearest road: Front _____, Side _____, Rear 107'
 From nearest prop. line: Front _____, Side _____, Rear 74'
 No. of feet from: Well 52', Building: 18'

(Include this information in the above plot plan)
 (2 reference dimensions to septic tank)
 SEE REVERSE SIDE

Department of Natural Resources

ORGANIC TEST REQUEST FORM -
Form 4800-organics

Rev. 6-96

Bill To: Solid Waste Hazardous Waste ERF LUST Spills Wastewater Water Supply Water Resources Other

I.D. Number, Permit or STORET: _____ Point, Well or Outfall #: _____ Field No.: TGC-1
MGC-1 County #: _____ Route Code: SW60

Waterbody Number: _____ Sample Address or Location: Tire Recycling Mopac Gas Company, 597 Schommer Dr, Hudson, WI

Sample Point Description: Sample from Septic tank on property

Send Report To:

Jill Schoen
DNR - Eau Claire
P.O. Box 4001
Eau Claire, WI 54702

- Sample Type (Non WS):
- SU Surface Water
 - EF Effluent
 - IF Influent
 - WW Wastewater
 - SE Sediment
 - SL Sludge
 - TI Tissue
 - MW Monitoring Well
 - LY Lysimeter
 - LE Leachate
 - SO Soil
 - OW Waste

For Lab Use
Priority

J. Schoen

Account Number: WA008

Collected By: Jill Schoen, Pat Collins

Lakes Grant or WR Project # _____

Phone: (715) 839-2788

Check any appropriate:
 S Split E Enforcement B Field Blank



- Water System Type (Water Supply Use ONLY)
- MC Community-Municipality
 - OC Com.-Other than Municipal
 - TN Transient Non-Community
 - NN Non-Transient Non-Community
 - P Private
 - X Non-Potable
- Sample Sources (WS ONLY):
- D Distribution
 - E Entry Point
 - W Well
- Sample Type (SDWA ONLY):
- D Compliance Sample
 - C Confirmation
 - W Raw Water Sample
 - I Investigation

Compliance Sample? Yes No

Is Sample Chlorinated? Yes No

Begin or Grab Date: 09/15/98
M M D D Y Y
Begin Time (24 hr clock): 12:30
End Date - For Composite Samples Only: _____
M M D D Y Y
End Time (24 hr clock) - For Composite Samples Only: _____

- VOCs (Check one of the following.)
- GC/MS Screen Only
 - GC/MS Screen and GC Quantification (EPA Method 8021)
 - GC Quantification Only (EPA Method 8021)
 - GC Quantification Only (Drinking Water-EPA Method 502.2)

Toxicity Characteristic Leaching Procedure (TCLP)
(Check one or more of the following.)

- VOCs
- Base/Neutral Extractables
- 2,4-Dinitrotoluene
- Hexachlorobenzene
- Hexachlorobutadiene
- Nitrobenzene
- Pyridine
- Acid Extractables
- 2-Methylphenol
- 3 & 4-Methylphenol
- Pentachlorophenol
- 2,4,6-Trichlorophenol
- 2,4,5-Trichlorophenol
- Acid Herbicides
- 2,4-D
- 2,4,5-TP (Silvex)
- Chlorinated Pesticides
- Chlordane
- Endrin
- Heptachlor
- Heptachlor Epoxide
- Lindane
- Methoxychlor
- Toxaphene
- Ignitability (Haz. Waste Char.)

- Priority Pollutant Scan (Non-VOC)
- Priority Pollutant Pesticides
 - Priority Pollutant Base/Neutral/Acid
- PCBs
- Aroclor Identification
 - Congeners
 - Coplanar
- Petroleum Products
- Gasoline
 - Fuel Oil #1
 - Fuel Oil #2
 - GRO
 - DRO
- PAHs (HPLC)
- Carbaryl
 - Carbofuran
 - Butylate
 - BPTC
- Phorate
- Terbufos
 - Atrazine
 - Deethylatrazine
 - Deisopropylatrazine
 - Diaminotrazine
 - Alachlor
 - Metolachlor
 - Cyanazine
 - Aldicarb and other carbamates
 - Dimethoate
 - Dinoseb
 - DCPA
 - Ethylene Dibromide
 - Metribuzin
 - Simazine
 - Linuron
 - Fonofos
 - Formaldehyde (Water Only)

Additional parameters: See comment on 3rd H sample lab sheet 09000847.
9/17/98

For Lab Use
Temp: _____
Analyte: _____

Date Received And Sample No.

~~SEP 16 1998~~

SEP 17 1998

0J000850

DPD

7/15/98

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

Id: Point/Well/... Field #: TGC-1 Route: SW60
Collection Date: 09/15/98 Time: 12:30 County: (Unknown)
From: THEMOGAS COMPANY, 597 SCHOMMER DR, HUDSON, WI
Description: SAMPLE FROM SEPTIC TANK ON PROPERTY

To: JILL SCHOEN - DNR - EAU CLAIRE
P.O. BOX 4001 Source: Wastewater
EAU CLAIRE, WI 54702

Account number: WA008 Collected by: JILL SCHOEN, PAT COL
Enforcement

Date Received: 09/17/98 Labslip #: OJ000850 Reported: 10/12/98

---- test: GCMS MISCELLANEOUS
COMMENT

C

---- test: TEMPERATURE ON RECEIPT - 0950
TEMPERATURE ON RECEIPT

+ 15

C

---- test: VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE	ND (LOD=10. UG/L) #1
BENZENE	ND (LOD=0.30 UG/L) #1
BROMOBENZENE	ND (LOD=0.30 UG/L) #1
BROMOCHLOROMETHANE	ND (LOD=0.50 UG/L) #1
BROMODICHLOROMETHANE	ND (LOD=0.50 UG/L) #1
BROMOFORM	*QL ND UG/L #1
BROMOMETHANE	*QL*RPD ND UG/L #1
N-BUTYLBENZENE	ND (LOD=0.50 UG/L) #1
SEC-BUTYLBENZENE	*MSU ND UG/L #1
TERT-BUTYLBENZENE	ND (LOD=0.50 UG/L) #1
CARBON DISULFIDE	*MSU ND UG/L #1
CARBON TETRACHLORIDE	ND (LOD=0.50 UG/L) #1
CHLOROBENZENE	ND (LOD=0.30 UG/L) #1
CHLORODIBROMOMETHANE	ND (LOD=0.50 UG/L) #1
CHLOROETHANE	ND (LOD=0.50 UG/L) #1
CHLOROFORM	ND (LOD=0.50 UG/L) #1
CHLOROMETHANE	*RPD ND UG/L #1
2-CHLOROTOLUENE	ND (LOD=0.50 UG/L) #1
4-CHLOROTOLUENE	ND (LOD=0.30 UG/L) #1
1,2-DIBROMO-3-CHLOROPROPANE	*QL ND UG/L #1
1,2-DIBROMOETHANE (EDB)	ND (LOD=0.50 UG/L) #1
DIBROMOMETHANE	ND (LOD=0.30 UG/L) #1
1,2-DICHLOROBENZENE	ND (LOD=0.30 UG/L) #1
1,3-DICHLOROBENZENE	ND (LOD=0.30 UG/L) #1
1,4-DICHLOROBENZENE	ND (LOD=0.30 UG/L) #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 # OJ000850, Field # TGC-1

DICHLORODIFLUOROMETHANE	*QL ND	UG/L #1
1,1-DICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,2-DICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,1-DICHLOROETHYLENE	*QL ND	UG/L #1
CIS-1,2-DICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
TRANS-1,2-DICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
1,2-DICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
1,3-DICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
2,2-DICHLOROPROPANE	ND (LOD=0.30 UG/L)	#1
1,1-DICHLOROPROPENE	ND (LOD=0.50 UG/L)	#1
CIS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L)	#1
TRANS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L)	#1
DIISOPROPYL ETHER	ND (LOD=10. UG/L)	#1
ETHYLBENZENE	ND (LOD=0.30 UG/L)	#1
HEXACHLOROBUTADIENE	ND (LOD=0.30 UG/L)	#1
ISOPROPYLBENZENE	ND (LOD=0.50 UG/L)	#1
P-ISOPROPYLTOLUENE	+ 300. UG/L	#1
METHYL ETHYL KETONE (MEK)	ND (LOD=10. UG/L)	#1
METHYL ISOBUTYL KETONE (MIBK)	ND (LOD=10. UG/L)	#1
METHYL-TERT-BUTYL ETHER (MTBE)	ND (LOD=1.0 UG/L)	#1
METHYLENE CHLORIDE	** UG/L	#1
NAPHTHALENE	ND (LOD=0.30 UG/L)	#1
N-PROPYLBENZENE	ND (LOD=0.50 UG/L)	#1
STYRENE	ND (LOD=0.50 UG/L)	#1
1,1,1,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L)	#1
1,1,2,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L)	#1
TETRACHLOROETHYLENE	ND (LOD=0.50 UG/L)	#1
TETRAHYDROFURAN (THF)	ND (LOD=10. UG/L)	#1
TOLUENE	+ 220. UG/L	#1
1,2,3-TRICHLOROBENZENE	ND (LOD=0.30 UG/L)	#1
1,2,4-TRICHLOROBENZENE	ND (LOD=0.50 UG/L)	#1
1,1,1-TRICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
1,1,2-TRICHLOROETHANE	ND (LOD=0.50 UG/L)	#1
TRICHLOROETHYLENE	ND (LOD=0.30 UG/L)	#1
TRICHLOROFLUOROMETHANE	ND (LOD=0.50 UG/L)	#1
1,2,3-TRICHLOROPROPANE	ND (LOD=0.50 UG/L)	#1
1,1,2-TRICHLOROTRIFLUOROETHANE	ND (LOD=0.50 UG/L)	#1
1,2,4-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L)	#1
1,3,5-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L)	#1
VINYL CHLORIDE	ND (LOD=0.50 UG/L)	#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 # OJ000850, Field # TGC-1

M/P-XYLENE ND (LOD=1.0 UG/L) #1
O-XYLENE ND (LOD=0.30 UG/L) #1
VOCS IN WATER BY PURGE & TRAP-PREP-EPA METHOD 8021 C

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OJ000850.MM1

Memo for OJ000850

--- OJ000850.MM1 - VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021 ---

The following qualifiers exist for the data that is reported for Wisconsin State Laboratory of Hygiene (WSLH) sample OJ000850.

The sample was received in a WSLH one (1) quart mason jar with a large air space. Five (5)-40 mL vials were filled from the one quart jar and acidified with hydrochloric acid to pH <2.0 in the laboratory.

Lower quality control limit is exceeded indicated by *QL.
Matrix spike does not meet upper QC limit indicated by *MSU.
The relative percent difference for the matrix spike and matrix spike duplicate does not meet the QC limit indicated by *RPD.
The test result for methylene chloride is *RPD*MSU ND indicated by **.

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

Attachment 4.3

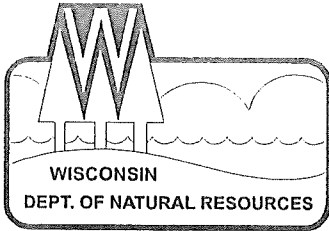
593 Schommer Dr.

593 Schommer Dr.

(Former National Products Organization, Current Valley Pools and Spas)



Looking south from Schommer Dr. at north side of the facility.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

December 23, 1998

National Products Organization
Attn: Mr. Steve Matz
593 Schommer Drive
Hudson, WI 54016

HW/CORR
non-notifier
FID 656 078 060
St. Croix County

Subject: Septic tank sampling results

Dear Mr. Matz:

On September 15, 1998, Pat Collins and I collected a sample of waste from the septic tank located at 593 Schommer Drive. An additional sample was collected on October 22, 1998. The Department recently received the results from these sampling activities. I have enclosed copies of the analysis for your information.

Recent water supply information indicates the presence of previously undetected volatile organic compounds (VOCs), including methylene chloride. The purpose of collecting and analyzing the samples was to attempt to identify the source of these compounds. Methylene chloride was not detected in the sample; however, a number of other VOCs were present. Concentrations of several VOCs exceeded preventative action limits for the ground water quality standards found in NR 140, Wis. Adm. Code. *The levels of VOCs detected in the tank do not warrant further investigation or actions at this time; however, I recommend that you take a close look at products that you are using, talk to staff, and to try to identify any potential sources of VOCs.* As you know, septic systems are designed to manage domestic waste only, so it is important to ensure that VOC containing compounds are not being discharged.

We may continue our investigation if future information indicates a continued unknown source of VOCs in the local water supply. Thank you for your cooperation. If you have questions, or would like to discuss these issues, please contact me at (715) 839-2788.

Sincerely,

Bill Schoen
Waste Management Specialist

enc.

c: Lundberg/ WCR files
Collins - Baldwin
WA/Files - WA/3



Quality Natural Resources Management
Through Excellent Customer Service



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
Organic chemistry

(608) 262-2797

DNR LAB ID 113133790

Id: 656078060 Point/Well/...: Field #: NPO-2 Route: SW60
Collection Date: 10/22/98 Time: 10:15 County: 56 (Saint Croix)
From: NATIONAL PRODUCTS ORGANIZATION; 593 SCHOMMER DR HUDSON, WI
Description: SEPTIC TANK ON PROPERTY
To: JILL SCHOEN - DNR - EAU CLAIRE

P.O. BOX 4001 Source: Wastewater
EAU CLAIRE, WI 54702

Account number: WA008 Collected by: JILL SCHOEN, PAT COL
Enforcement

Date Received: 10/27/98 Labslip #: OJ001172 Reported: 11/20/98

---- test: GCMS MISCELLANEOUS
COMMENT

C

---- test: TEMPERATURE ON RECEIPT - 0950
TEMPERATURE ON RECEIPT

+ 9

C

---- test: VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE	+ 270.	UG/L #1
BENZENE	*D <3.0	UG/L #1
BROMOBENZENE	*D <3.0	UG/L #1
BROMOCHLOROMETHANE	*D <5.0	UG/L #1
BROMODICHLOROMETHANE	*D <5.0	UG/L #1
BROMOFORM	*D*QL <5.0	UG/L #1
BROMOMETHANE	*D <5.0	UG/L #1
N-BUTYLBENZENE	*D <5.0	UG/L #1
SEC-BUTYLBENZENE	*D <5.0	UG/L #1
TERT-BUTYLBENZENE	*D <5.0	UG/L #1
CARBON DISULFIDE	*D <100.	UG/L #1
CARBON TETRACHLORIDE	*D <5.0	UG/L #1
CHLOROBENZENE	*D <3.0	UG/L #1
CHLORODIBROMOMETHANE	*D <5.0	UG/L #1
CHLOROETHANE	**	UG/L #1
CHLOROFORM	*D <5.0	UG/L #1
CHLOROMETHANE	**	UG/L #1
2-CHLOROTOLUENE	*D <5.0	UG/L #1
4-CHLOROTOLUENE	*D <3.0	UG/L #1
1,2-DIBROMO-3-CHLOROPROPANE	*D*QL <5.0	UG/L #1
1,2-DIBROMOETHANE (EDB)	*D <5.0	UG/L #1
DIBROMOMETHANE	*D <3.0	UG/L #1
1,2-DICHLOROBENZENE	*D <3.0	UG/L #1
1,3-DICHLOROBENZENE	*D <3.0	UG/L #1
1,4-DICHLOROBENZENE	+ 28.	UG/L #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 # OJ001172,

Field # NPO-2

DICHLORODIFLUOROMETHANE	***	UG/L #1
1,1-DICHLOROETHANE	*D <5.0	UG/L #1
1,2-DICHLOROETHANE	*D <5.0	UG/L #1
1,1-DICHLOROETHYLENE	*D <5.0	UG/L #1
CIS-1,2-DICHLOROETHYLENE	*D <3.0	UG/L #1
TRANS-1,2-DICHLOROETHYLENE	*D <3.0	UG/L #1
1,2-DICHLOROPROPANE	*D <5.0	UG/L #1
1,3-DICHLOROPROPANE	*D <5.0	UG/L #1
2,2-DICHLOROPROPANE	*D <3.0	UG/L #1
1,1-DICHLOROPROPENE	*D <5.0	UG/L #1
CIS-1,3-DICHLOROPROPENE	*D <3.0	UG/L #1
TRANS-1,3-DICHLOROPROPENE	*D <3.0	UG/L #1
DIISOPROPYL ETHER	*D <100.	UG/L #1
ETHYLBENZENE	*D <3.0	UG/L #1
HEXACHLOROBUTADIENE	*D <3.0	UG/L #1
ISOPROPYLBENZENE	*D <5.0	UG/L #1
P-ISOPROPYLTOLUENE (200)	+ 70.	UG/L #1
METHYL ETHYL KETONE (MEK)	****	UG/L #1
METHYL ISOBUTYL KETONE (MIBK)	****	UG/L #1
METHYL-TERT-BUTYL ETHER (MTBE)	*D <100.	UG/L #1
METHYLENE CHLORIDE	*D <5.0	UG/L #1
NAPHTHALENE	*D <3.0	UG/L #1
N-PROPYLBENZENE	*D <5.0	UG/L #1
STYRENE	*D <5.0	UG/L #1
1,1,1,2-TETRACHLOROETHANE	*D <3.0	UG/L #1
1,1,2,2-TETRACHLOROETHANE	*D <3.0	UG/L #1
TETRACHLOROETHYLENE	*D <5.0	UG/L #1
TETRAHYDROFURAN (THF)	*D <100.	UG/L #1
TOLUENE (160)	+ 170.	UG/L #1
1,2,3-TRICHLOROBENZENE	*D <3.0	UG/L #1
1,2,4-TRICHLOROBENZENE	*D <5.0	UG/L #1
1,1,1-TRICHLOROETHANE	*D <5.0	UG/L #1
1,1,2-TRICHLOROETHANE	*D <5.0	UG/L #1
TRICHLOROETHYLENE	*D <3.0	UG/L #1
TRICHLOROFLUOROMETHANE	*D <5.0	UG/L #1
1,2,3-TRICHLOROPROPANE	*D <5.0	UG/L #1
1,1,2-TRICHLOROTRIFLUOROETHANE	*D <5.0	UG/L #1
1,2,4-TRIMETHYLBENZENE	*D <5.0	UG/L #1
1,3,5-TRIMETHYLBENZENE	*D <5.0	UG/L #1
VINYL CHLORIDE	*D <5.0	UG/L #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 # OJ001172, Field # NPO-2

M/P-XYLENE	*D <10.	UG/L #1
O-XYLENE	*D <3.0	UG/L #1
VOCS IN WATER BY PURGE & TRAP-PREP-EPA METHOD 8021	C	

--- Footnotes ---

+: Positive results are prefixed by a plus sign.

Remark #1: SEE OJ001172.MM1

Memo for OJ001172

--- OJ001172.MM1 - VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021 ---

The following qualifiers exist for the data that is reported for Wisconsin State Laboratory of Hygiene (WSLH) sample OJ001172.

Lower quality control limit is exceeded indicated by *QL.
Matrix spike does not meet upper QC limit indicated by *MSU.
The relative percent difference for the matrix spike and matrix spike duplicate does not meet the QC limit indicated by *RPD.
LOD is not achievable due to dilution indicated by *D.
The test result for chloroethane and for chloromethane is *D*MSU*RPD <5.0 indicated by **.
The test result for dichlorodifluoromethane is *D*MSU <3.0 indicated by ***.
The test result for methyl ethyl ketone and for methyl isobutyl ketone is *D*RPD <100. indicated by ****.

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

Department of Natural Resources

ORGANIC TEST REQUEST FORM -
Form 4800-organics

Rev. 6/96

Bill To: Solid Waste Hazardous Waste ERF LUST Spills Wastewater Water Supply Water Resources Other

I.D. Number, F10 Point, Well or Outfall #: _____ Field No.: NPO-2 County #: 56 Route Code: SW60
Permit or STORET: 456078060

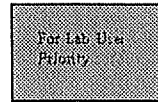
Waterbody Number: _____ Sample Address or Location: National Products Organization; 543 Schommer Dr Hudson, WI

Sample Point Description: Septic tank on property

Send Report To:

Jill Schoen
DNR - Eau Claire
P.O. Box 4001
Eau Claire, WI 54702

- Sample Type (Non WS):
- SU Surface Water MW Monitoring Well
 - EF Effluent LY Lysimeter
 - IF Infiltrant LE Leachate
 - WW Wastewater SO Soil
 - SE Sediment OI Oil
 - SL Sludge OW Waste
 - TI Tissue



- Water System Type (Water Supply Use ONLY)
- MC Community-Municipality
 - OC Com.-Other than Municipal
 - TN Transient Non-Community
 - NN Non-Transient Non-Community
 - P Private
 - X Non-Potable
- Sample Sources (WS ONLY):
- D Distribution
 - E Entry Point
 - W Well
- Sample Type (SDWA ONLY):
- D Compliance Sample
 - C Confirmation
 - W Raw Water Sample
 - I Investigation

Account Number: WA008

Collected By: Jill Schoen Pat Collins

Lakes Grant or WR Project # _____



Phone: (715) 839-2788

Check any appropriate:
 S Split E Enforcement B Field Blank

Compliance Sample? Yes No
Is Sample Chlorinated? Yes No

Begin or Grab Date: 10/22/98
M M D D Y Y
Begin Time (24 hr clock): 10:15 A
End Date - For Composite Samples Only: _____
M M D D Y Y
End Time (24 hr clock) - For Composite Samples Only: _____

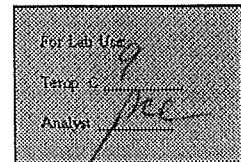
- Priority Pollutant Scan (Non-VOC)
- Priority Pollutant Pesticides
 - Priority Pollutant Base/Neutral/Acid
- PCBs
- Aroclor Identification
 - Congeners
 - Coplanar
- Petroleum Products
- Gasoline
 - Fuel Oil #1
 - Fuel Oil #2
 - GRO
 - DRO
- PAHs (HPLC)
- Carbaryl
 - Carbofuran
 - Butylate
 - BPTC
 - 2,4-D
 - 2,4,5-TP
 - 2,4,5-T
 - Chloramden
 - Picloram
 - Dicamba
- Additional parameters
- Phorate
 - Terbufos
 - Atrazine
 - Deethylatrazine
 - Deisopropylatrazine
 - Diaminotrazine
 - Alachlor
 - Metolachlor
 - Cyanazine
 - Aldicarb and other carbamates
 - Dimethoate
 - Dinoseb
 - DCPA
 - Ethylene Dibromide
 - Metribuzin
 - Simazine
 - Linuron
 - Ronofos
 - Formaldehyde (Water Only)

VOCs (Check one of the following.)
 GC/MS Screen Only
 GC/MS Screen and GC Quantification (EPA Method 8021)
 GC Quantification Only (EPA Method 8021)
 GC Quantification Only (Drinking Water-EPA Method 502.2)

Toxicity Characteristic Leaching Procedure (TCLP)
(Check one or more of the following.)

- VOCs
- Base/Neutral Extractables
- 2,4-Dinitrotoluene
- Hexachlorobenzene
- Hexachlorobutadiene
- Nitrobenzene
- Pyridine
- Acid Extractables
- 2-Methylphenol
- 3 & 4-Methylphenol
- Pentachlorophenol
- 2,4,6-Trichlorophenol
- 2,4,5-Trichlorophenol
- Acid Herbicides
- 2,4-D
- 2,4,5-TP (Silvex)
- Chlorinated Pesticides
- Chlordane
- Endrin
- Heptachlor
- Heptachlor Epoxide
- Lindane
- Methoxychlor
- Toxaphene

Ignitability (Haz. Waste Char.)



Date Received And Sample No.

OCT 27 1998 0J001172

DPD

STC - 104
AS BUILT SANITARY SYSTEM REPORT

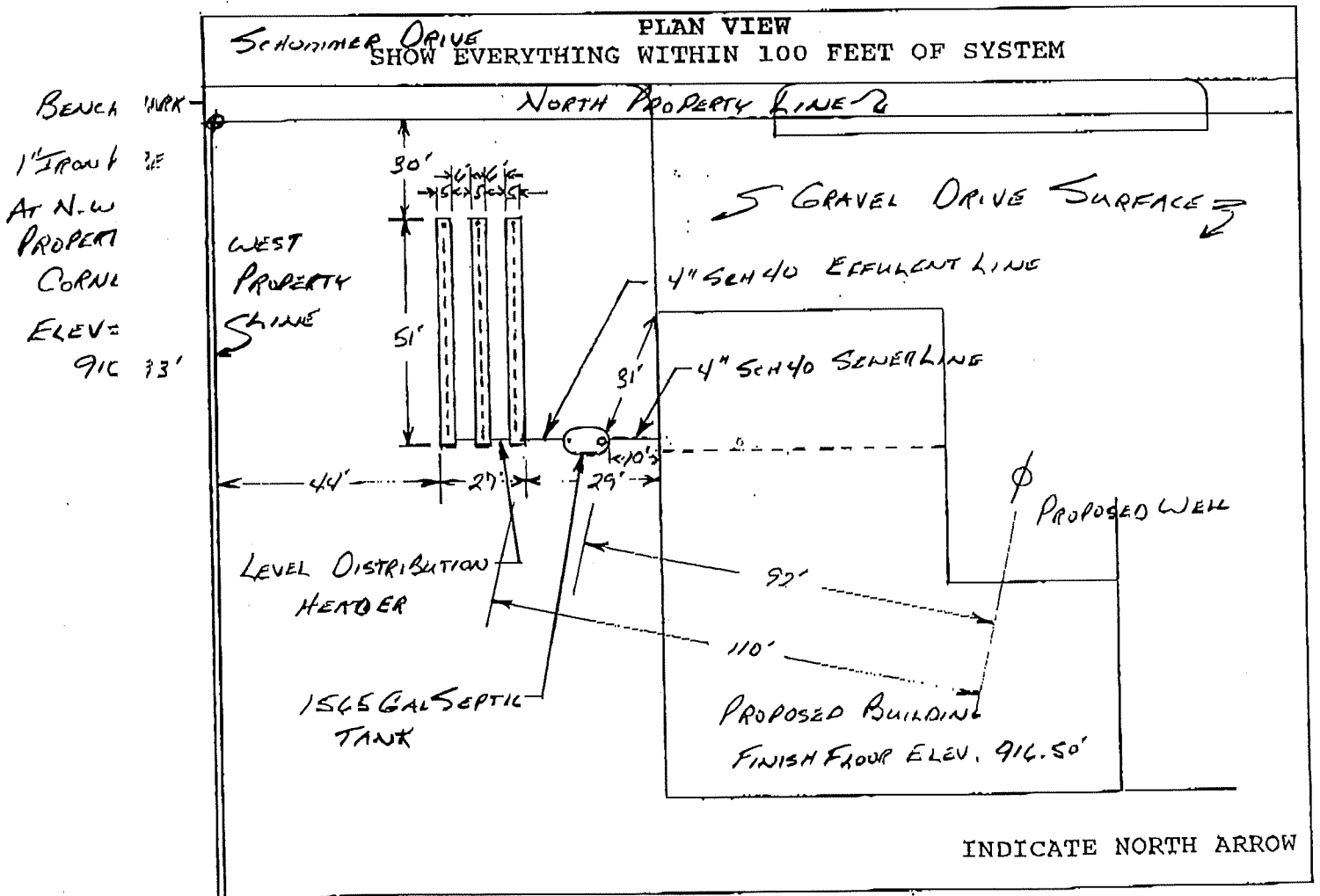
OWNER MARK MATZ

ADDRESS 593 SCHOMMER DR.
HUDSON WI 54016

SUBDIVISION / CSM# ST CROIX VENTURES INDUSTRIAL PARK LOT # #7

SECTION 21 T 29 N-R 19 W, Town of HUDSON

ST. CROIX COUNTY, WISCONSIN



Provide setback and elevation information on reverse of this form.

Provide 2 dimensions to center of septic tank manhole cover.

Attachment 4.4

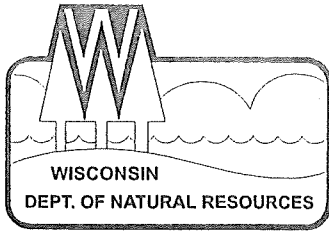
589 Schommer Dr

589 Schommer Dr.
(St. Croix Custom Fabrication, Inc.)



Septic drain field
and vents

Looking south from Schommer Dr. at north side of the facility. Location of private water supply well unknown.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Scott A. Humrickhouse, Regional Director

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TDD 715-839-2786

December 23, 1998

St. Croix Custom Fabricating
Attn. Mitch Patrick
589 Schommer Drive
Hudson, WI 54016

HW/CORR
FID 656 078 170
WIR 000 017 996
St. Croix County

Subject: Septic tank sampling results

Dear Mr. Patrick:

On September 15, 1998, Pat Collins and I collected a sample of waste from the septic tank located at 589 Schommer Drive. An additional sample was collected on October 22, 1998. The Department recently received the results from these sampling activities. I have enclosed copies of the analysis for your information.

Recent water supply information indicates the presence of previously undetected volatile organic compounds (VOCs), including methylene chloride. The purpose of collecting and analyzing the samples was to attempt to identify the source of these compounds. Methylene chloride was not detected in the sample; however, a number of other VOCs were present. Concentrations of several VOCs exceeded preventative action limits, and enforcement standards, for the groundwater quality standards found in NR 140, Wis. Adm. Code. *The levels of VOC detected in the tank do not warrant further investigation or actions at this time; however, I recommend that you take a close look at products that you are using, talk to staff, and to try to identify any potential sources of VOCs.* As you know, septic systems are designed to manage domestic waste only, so it is important to ensure that VOC containing compounds are not being discharged.

We may continue our investigation if future information indicates a continued unknown source of VOCs in the local water supply. Thank you for your cooperation. If you have questions, or would like to discuss these issues, please contact me at (715) 839-2788.

Sincerely,

Jill Schoen
Waste Management Specialist

enc.

c: Lundberg/ WCR files
Collins - Baldwin
WA/Files - WA/3



Quality Natural Resources Management
Through Excellent Customer Service



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 (#5 of 4 on 10/13/98, unseen)

Id: 656078170 Point/Well/... Field #: CCF-1 Route: SW60
Collection Date: 09/15/98 Time: 00:00 County: 56 (Saint Croix)
From: ST. CROIX CUSTOM FABRICATING - 589 SCHOMMER DR HUDSON, WI
Description: SEPTIC TANK ON PROPERTY
To: JILL SCHOEN - DNR - EAU CLAIRE
P.O. BOX 4001 Source: Wastewater
EAU CLAIRE, WI 54702
Account number: WA008 Collected by: JILL SCHOEN; PAT COL
Enforcement
Date Received: 09/17/98 Labslip #: OJ000849 Reported: 10/12/98

---- test: TEMPERATURE ON RECEIPT - 0950
TEMPERATURE ON RECEIPT

15 C

---- test: VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021

ACETONE ND (LOD=10. UG/L) #1
BENZENE ND (LOD=0.30 UG/L) #1
BROMOBENZENE ND (LOD=0.30 UG/L) #1
BROMOCHLOROMETHANE ND (LOD=0.50 UG/L) #1
BROMODICHLOROMETHANE ND (LOD=0.50 UG/L) #1

BROMOFORM *QL ND UG/L #1
BROMOMETHANE *QL*RPD ND UG/L #1
N-BUTYLBENZENE ND (LOD=0.50 UG/L) #1
SEC-BUTYLBENZENE *MSU ND UG/L #1
TERT-BUTYLBENZENE ND (LOD=0.50 UG/L) #1

CARBON DISULFIDE *MSU ND UG/L #1
CARBON TETRACHLORIDE ND (LOD=0.50 UG/L) #1
CHLOROBENZENE ND (LOD=0.30 UG/L) #1
CHLORODIBROMOMETHANE ND (LOD=0.50 UG/L) #1
CHLOROETHANE ND (LOD=0.50 UG/L) #1

CHLOROFORM ND (LOD=0.50 UG/L) #1
CHLOROMETHANE *RPD ND UG/L #1
2-CHLOROTOLUENE ND (LOD=0.50 UG/L) #1
4-CHLOROTOLUENE ND (LOD=0.30 UG/L) #1
1,2-DIBROMO-3-CHLOROPROPANE *QL ND UG/L #1

1,2-DIBROMOETHANE (EDB) ND (LOD=0.50 UG/L) #1
DIBROMOMETHANE ND (LOD=0.30 UG/L) #1
1,2-DICHLOROBENZENE ND (LOD=0.30 UG/L) #1
1,3-DICHLOROBENZENE ND (LOD=0.30 UG/L) #1
1,4-DICHLOROBENZENE + 200. UG/L #1

*note given to
heterogeneity of samples
solids
- sampling in... should not state problem*

DICHLORODIFLUOROMETHANE
1,1-DICHLOROETHANE
1,2-DICHLOROETHANE
1,1-DICHLOROETHYLENE
CIS-1,2-DICHLOROETHYLENE

*QL ND UG/L #1
ND (LOD=0.50 UG/L) #1
ND (LOD=0.50 UG/L) #1
*QL ND UG/L #1
ND (LOD=0.30 UG/L) #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 # OJ000849, Field # CCF-1

TRANS-1,2-DICHLOROETHYLENE	ND (LOD=0.30 UG/L) #1
1,2-DICHLOROPROPANE	ND (LOD=0.50 UG/L) #1
1,3-DICHLOROPROPANE	ND (LOD=0.50 UG/L) #1
2,2-DICHLOROPROPANE	ND (LOD=0.30 UG/L) #1
1,1-DICHLOROPROPENE	ND (LOD=0.50 UG/L) #1
CIS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L) #1
TRANS-1,3-DICHLOROPROPENE	ND (LOD=0.30 UG/L) #1
DIISOPROPYL ETHER	ND (LOD=10. UG/L) #1
ETHYLBENZENE	ND (LOD=0.30 UG/L) #1
HEXACHLOROBUTADIENE	ND (LOD=0.30 UG/L) #1
ISOPROPYLBENZENE	ND (LOD=0.50 UG/L) #1
P-ISOPROPYLTOLUENE	+ 420. UG/L #1
METHYL ETHYL KETONE (MEK)	ND (LOD=10. UG/L) #1
METHYL ISOBUTYL KETONE (MIBK)	ND (LOD=10. UG/L) #1
METHYL-TERT-BUTYL ETHER (MTBE)	ND (LOD=1.0 UG/L) #1
METHYLENE CHLORIDE	** UG/L #1
NAPHTHALENE	ND (LOD=0.30 UG/L) #1
N-PROPYLBENZENE	ND (LOD=0.50 UG/L) #1
STYRENE	ND (LOD=0.50 UG/L) #1
1,1,1,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L) #1
1,1,2,2-TETRACHLOROETHANE	ND (LOD=0.30 UG/L) #1
TETRACHLOROETHYLENE	ND (LOD=0.50 UG/L) #1
TETRAHYDROFURAN (THF)	ND (LOD=10. UG/L) #1
TOLUENE	+ 1700. UG/L #1 343/68.6
1,2,3-TRICHLOROBENZENE	ND (LOD=0.30 UG/L) #1
1,2,4-TRICHLOROBENZENE	ND (LOD=0.50 UG/L) #1
1,1,1-TRICHLOROETHANE	ND (LOD=0.50 UG/L) #1
1,1,2-TRICHLOROETHANE	ND (LOD=0.50 UG/L) #1
TRICHLOROETHYLENE	ND (LOD=0.30 UG/L) #1
TRICHLOROFLUOROMETHANE	ND (LOD=0.50 UG/L) #1
1,2,3-TRICHLOROPROPANE	ND (LOD=0.50 UG/L) #1
1,1,2-TRICHLOROTRIFLUOROETHANE	ND (LOD=0.50 UG/L) #1
1,2,4-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L) #1
1,3,5-TRIMETHYLBENZENE	ND (LOD=0.50 UG/L) #1
VINYL CHLORIDE	ND (LOD=0.50 UG/L) #1
M/P-XYLENE	ND (LOD=1.0 UG/L) #1
O-XYLENE	ND (LOD=0.30 UG/L) #1
VOCS IN WATER BY URGE & TRAP-PREP-EPA METHOD 8021	C

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 # OJ000849, Field # CCF-1

Memo for OJ000849

--- OJ000849.MM1 - VOCS IN WATER BY PURGE AND TRAP - EPA METHOD 8021 ---

The following qualifiers exist for the data that is reported for Wisconsin State Laboratory of Hygiene (WSLH) sample OJ000849.

The sample was received in a WSLH one (1) quart mason jar with a large air space. Five (5)-40 mL vials were filled from the one quart jar and acidified with hydrochloric acid to pH <2.0 in the laboratory.

Lower quality control limit is exceeded indicated by *QL.

~~Matrix spike does not meet upper QC limit indicated by *MSU.~~

~~The relative percent difference for the matrix spike and matrix spike duplicate does not meet the QC limit indicated by *RPD.~~

The test result for methylene chloride is *RPD*MSU ND indicated by **.

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

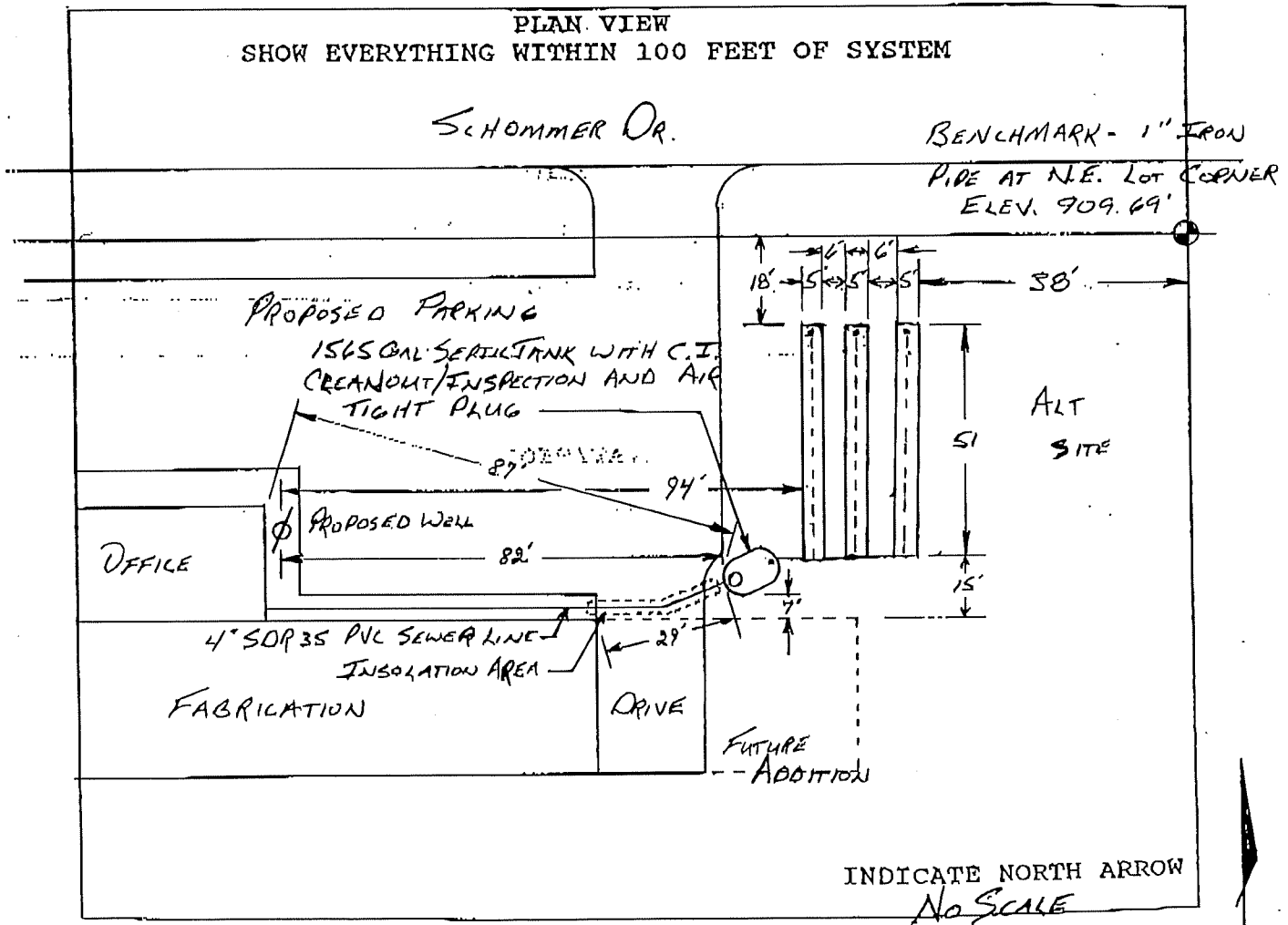
qualifiers

STC - 104
AS BUILT SANITARY SYSTEM REPORT

OWNER ST CROIX CUSTOM FAB.

ADDRESS 589 SCHOMMER DRIVE
HUDSON, WI. 54016

SUBDIVISION / CSM# ST CROIX VENTURES INDUSTRIAL PARK LOT # 6
SECTION 21 T 29 N-R 19 W, Town of HUDSON
ST. CROIX COUNTY, WISCONSIN



Provide setback and elevation information on reverse of this form.

Provide 2 dimensions to center of septic tank manhole cover.

Attachment 4.5

592 Schommer Dr.

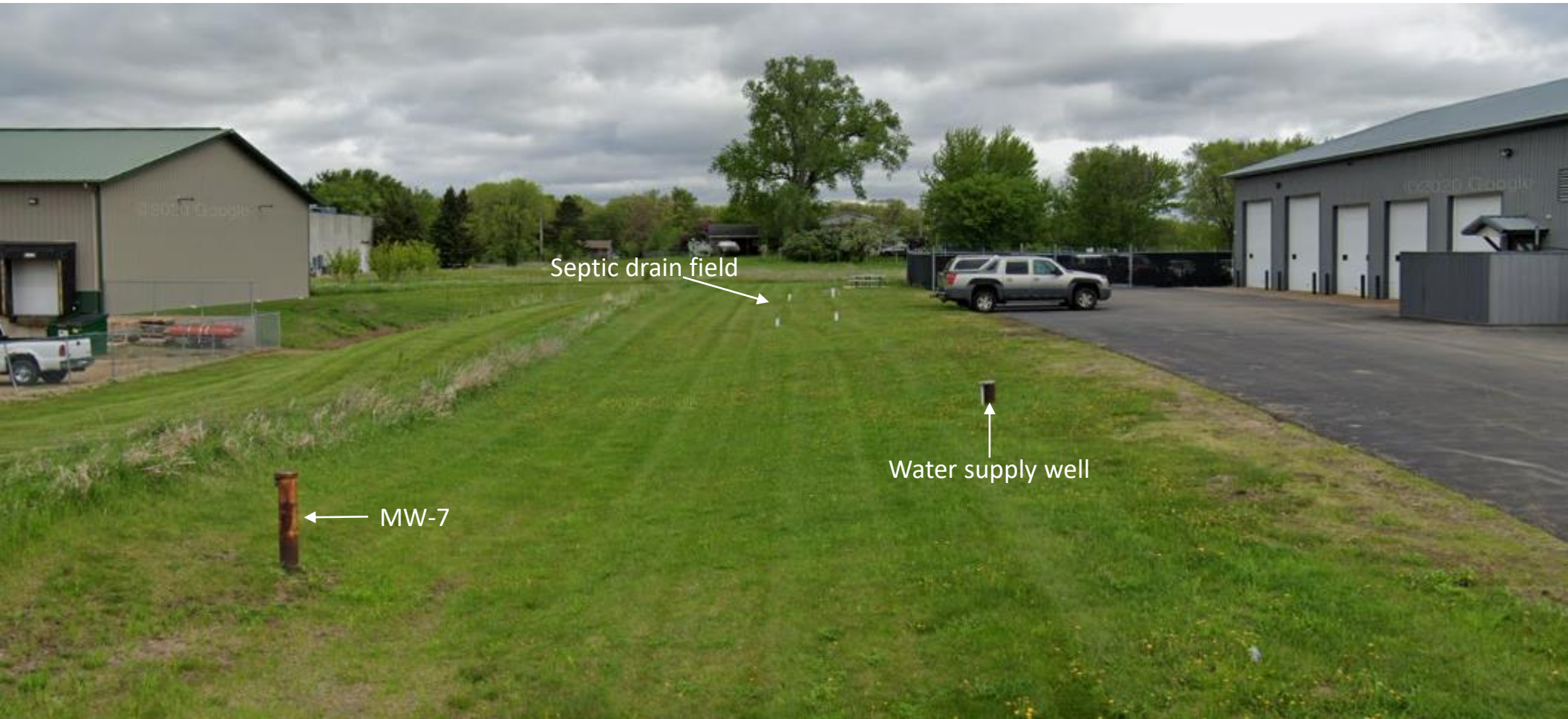
.

592 Schommer Dr. (RMF Auto Service)



Looking northwest from Schommer Dr. at the south and east sides of the facility.

592 Schommer Dr. (RMF Auto Service)



Looking north from Schommer Dr. at the western side of the facility and property.