

DNRWD: DIDIEW

CORRESPONDENCE/MEMORANDUM

DATE: February 19, 1998

TO: Richard Brown, WCR - Wausau

FROM: Wendy Anderson, WCR - Eau Claire *WA*

SUBJECT: Weisenberger CCA Building; Marathon City; Marathon County

RECEIVED
FEB 20 1998
WAUSAU DNR

I've been going through some of the Weisenberger File and thought I may as well pull out some things pertinent to the CCA area at the site. Ginger had mentioned that this site needs to be properly abandoned. I'm not sure what program does this or who's funding (state or federal), but here's what I know.

I spoke with Pat at Northern Cross Arms in Chippewa Falls about his process for abandoning his CCA plant. Basically said it a royal pain - very labor intensive. He didn't seem to know anything about the filter press operation. I did, however find the contact name and phone number for that process. Bill Hahn of Woods Run had given it to me quite some time ago. It's Pete Padgette (912) 559-0656. I think they are located out of Lake City, Georgia. The way I understand it, this process will filter out all of the sediment/CCA sludge and squeeze out the water so that the only a drum or two of solids need to be removed as a haz. waste. You may wish to contact Bill Hahn again in the future if it looks like the process will generate a lot of CCA water. Likely cheaper to haul to Colfax than the Cities, and he may be able to use it as process water and reduce the amount of CCA he needs to add.

Attached is a site map, boring logs, monitoring well construction, soil results, and groundwater results. I don't know if you've been considering an environmental repair contract for this portion of the site, but wanted to give you some information. I'm copying Michelle on this because I'm not sure if you have to issue another NOV to Weisenberger in order to proceed with a contract.

The result of the existing conditions study that Delta did show that surface soils around the CCA building are contaminated above NR 720 Table 2 values. These soils are primarily a direct contact threat. Monitoring results from the private well and the monitoring well do not indicate either has been impacted.

To avoid a messy scope of work for a future contract, I suggest that the Department (you?) go out and collect surface soil samples next to TB-8 and TB-9 and run them for TCLP and totals. Then take 4-5 more samples west of TB-7, TB-8, and TB-9 and near TB-4. If the TCLP results are less than 5 mg/l for As and Cr then the scope of the contract could be to scrape top two feet of surface soil (as defined by your samples, Delta's, and CWE's) and dispose of at a landfill. If not, then some of the soil may have to be drummed and hauled to a haz. waste landfill. Other than this sampling, I don't think any additional investigation is need for this portion of the site. This may change if abandonment of the building exposes a breach in the concrete - unlikely based on recent inspection.

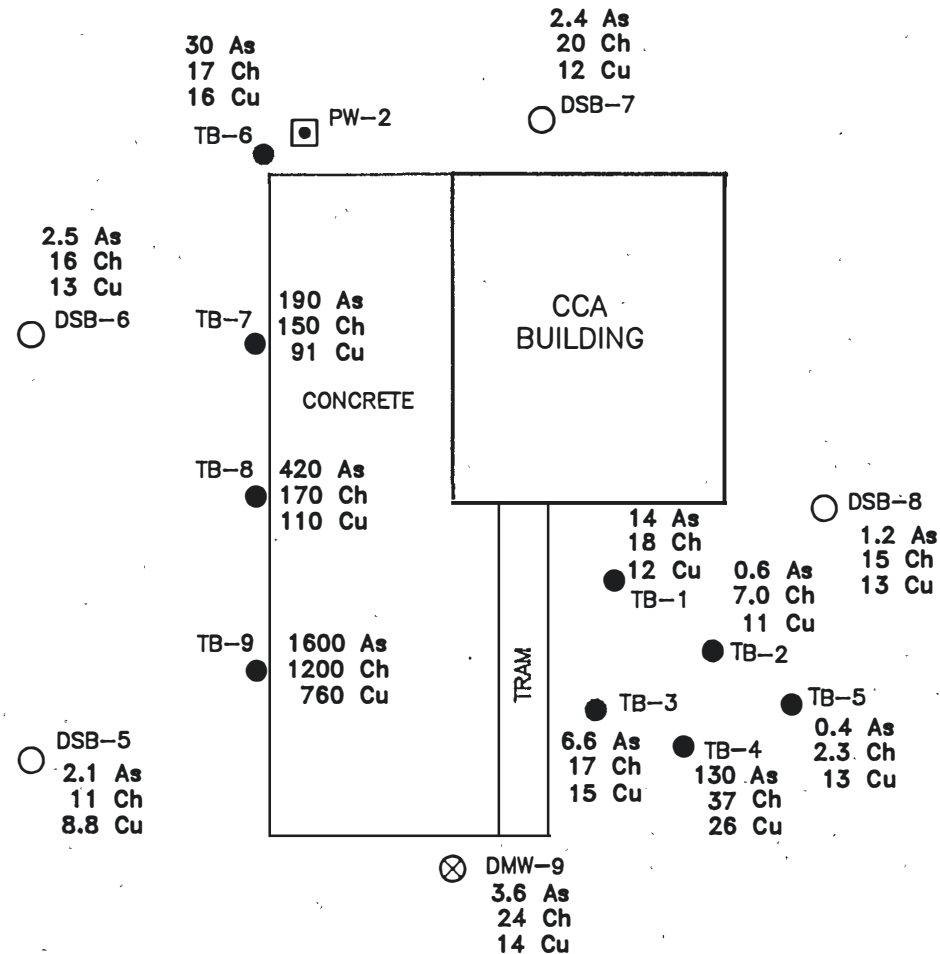
So if you proceed with a contract in order to properly close the site I suggest the following be included in the scope:

1. Remove sludge from tank bottoms and pit bottom.
2. Clean tanks in place using existing pit as containment. Tanks may be scraped or salvaged or simply set aside.
3. Pressure wash/steam clean concrete portions of the pit area.
4. Scrape surface soils (0-2 feet) around the west edge of pad and near TB-4 as defined by soil sample results. If the TCLP results confirm that the soils are not hazardous, the contract could read that the soils shall be disposed of in a MSW landfill. Be sure to check DOA's list of approved landfills for state waste disposal.
5. Abandon the on-site monitoring well and private well. The private well has not been used in more than a year and per Wis. Adm. Code must be abandoned. The monitoring well is not needed for the Weisenberger Penta site.
6. Dispose of the on-site drum of soil cuttings. The soil results for the monitoring well are attached. This drum of cuttings should be hauled away with the soil discussed in number 4 above.

Once these things are done, I think you (haz waste) would consider the CCA portion of the site properly closed. Let me know if you have any questions about the information presented above.

c: Bill Evans, WCR
Dave Lundberg, WCR
Michelle DeBrock-Owens, Rhinelander

INDUSTRIAL
 NITRO TABLE 2
 As - 1.6 mg/kg
 Cr - 200 mg/kg



LEGEND

- CWE SOIL BORING LOCATION
- ◻ PRIVATE WATER SUPPLY WELL
- DELTA SOIL BORING LOCATION
- ⊗ MONITORING WELL LOCATION

1600 As TOTAL ARSENIC CONCENTRATION
0 - 2 FT.

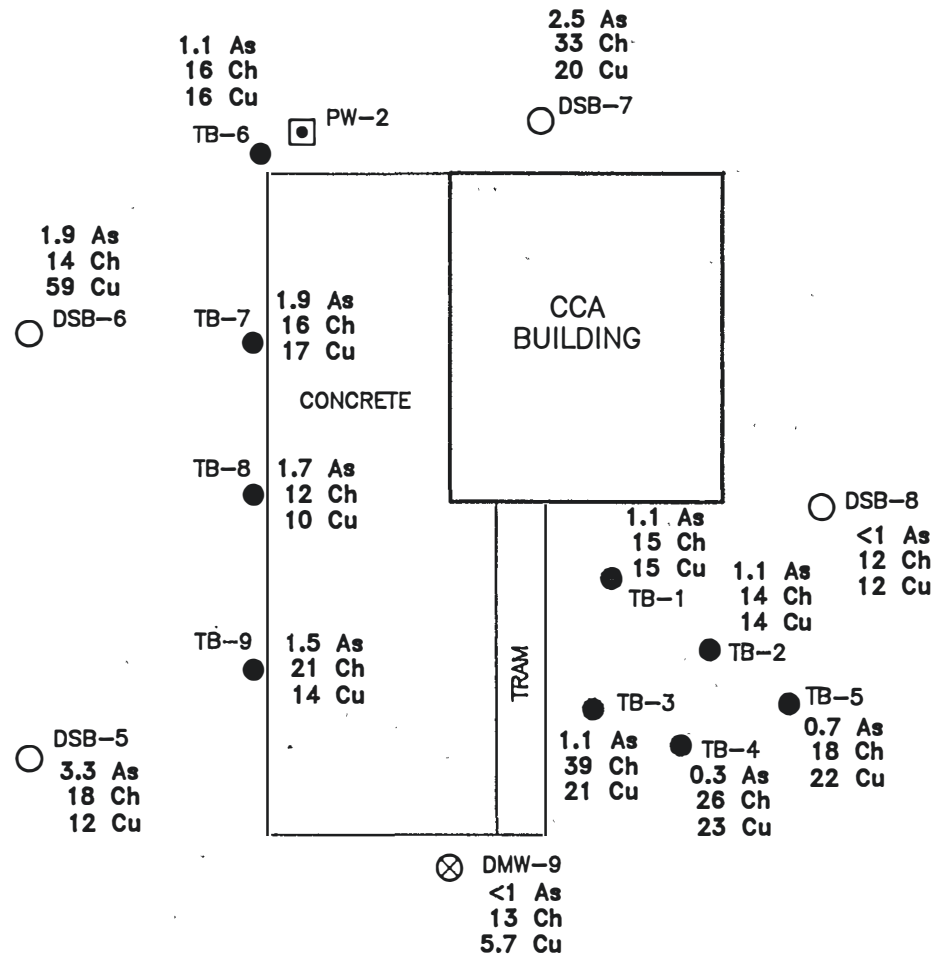
1200 Ch TOTAL CHROMIUM CONCENTRATION
0 - 2 FT.

760 Cu TOTAL COPPER CONCENTRATION
0 - 2 FT.

CONCENTRATIONS IN Mg/Kg

FIGURE 27
 PRESSURE TREATING FACILITY
 SOIL BORING LOCATIONS AND
 ARSENIC, CHROMIUM AND COPPER CONCENTRATIONS
 0 - 2 FT.
 WEISENBERGER TIE & LUMBER COMPANY
 MARATHON CITY, WISCONSIN

PROJECT NO. 15-91-032	PREPARED BY TL/DD	REVIEWED BY
DATE 4/20/93	REVISION NO.	FILE NAME 91032-27




LEGEND

- CWE SOIL BORING LOCATION
- ◻ PRIVATE WATER SUPPLY WELL
- DELTA SOIL BORING LOCATION
- ⊗ MONITORING WELL LOCATION

- 1.1 As TOTAL ARSENIC CONCENTRATION
2 1/2 - 4 1/2 FT.
- 21 Ch TOTAL CHROMIUM CONCENTRATION
2 1/2 - 4 1/2 FT.
- 14 Cu TOTAL COPPER CONCENTRATION
2 1/2 - 4 1/2 FT.

CONCENTRATIONS IN Mg/Kg

FIGURE 28
PRESSURE TREATING FACILITY
SOIL BORING LOCATIONS AND
ARSENIC, CHROMIUM AND COPPER CONCENTRATIONS
2 1/2 - 4 1/2 FT.
WEISENBERGER TIE & LUMBER COMPANY
MARATHON CITY, WISCONSIN

PROJECT NO. 15-91-032	PREPARED BY TL/DD	REVIEWED BY	 Delta Environmental Consultants, Inc.
DATE 4/20/93	REVISION NO.	FILE NAME 91032-1	

Route To:

- Solid Waste
- Emergency Response
- Wastewater
- Haz. Waste
- Underground Tanks
- Water Resources
- Other

Facility/Project Name Weisenberger Lumber		License/Permit/Monitoring Number		Boring Number DMW-9	
Boring Drilled By (Firm name and name of crew chief) WTD - Mike Mueller		Date Drilling Started 01/08/93 MM/DD/YY		Date Drilling Completed 01/08/93 MM/DD/YY	
DNR Facility Well No. / WI Unique Well No.		Common Well Name		Final Static Water Level Feet MSL	
				Surface Elevation 1270.07 Feet MSL	
Boring Location State Plane _____ N, _____ E S/C/N Lat _____		Local Grid Location (If applicable)		<input type="checkbox"/> N <input type="checkbox"/> E <input type="checkbox"/> S <input type="checkbox"/> W	
NW 1/4 of NE 1/4 of Section 1 , T 28 N, R 5 EW		County Marathon		DNR County Code 37	
		Civil Town/City/ or Village Marathon, WI			

Sample Number	Sample Length Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties				ROD/ Comments
									Standard Penetration	Moisture Content	Liquid Limit	Plastic Limit	
1	1.0	36	5 10 15 20 25 30 35 40 45 50	Weathered BEDROCK						M			
				Hard ROCK									
				EOB 38.0'									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Don Thalacker Firm: WTD Environmental Drilling

This form is authorized by Chapters 144.147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

Facility/Project Name Weisenberger Lumber	Local Grid Location of Well ft. <input type="checkbox"/> N. <input type="checkbox"/> S. <input type="checkbox"/> E. <input type="checkbox"/> W.	Well Name DMW-9
Facility License, Permit or Monitoring Number	Grid Origin Location Lat. _____ Long. _____ or St. Plane _____ ft. N. _____ ft. E.	Wis. Unique Well Number _____ DNR Well Number _____
Type of Well: Water Table Observation Well <input checked="" type="checkbox"/> 11 Piezometer <input type="checkbox"/> 12	Section Location of Waste/Source _____ 1/4 of _____ 1/4 of Sec. _____ T. _____ N. R. <input type="checkbox"/> E. <input type="checkbox"/> W.	Date Well Installed <u>01/08/93</u> m m d d y y
Distance Well Is From Waste/Source Boundary ft. _____	Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known	Well Installed By: (Person's Name and Firm) Mike Mueller WTD Environmental Drilling
Is Well A Point of Enforcement Std. Application? <input type="checkbox"/> Yes <input type="checkbox"/> No		

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 1272.48 ft. MSL
C. Land surface elevation 1270.07 ft. MSL
D. Surface seal, bottom _____ ft. MSL or 4.0 ft.

12. USCS classification of soil near screen:
GP GM GC GW SW SP
SM SC ML MH CL CH
Bedrock

13. Sieve analysis attached? Yes No

14. Drilling method used: Rotary 50
Hollow Stem Auger 41
Other

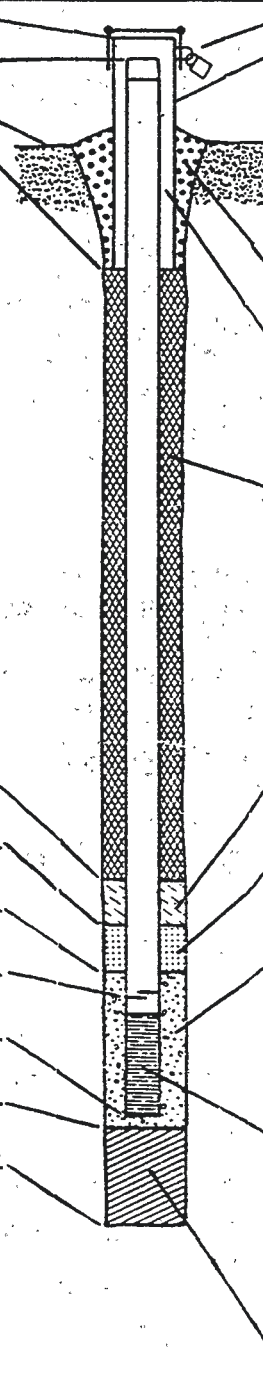
15. Drilling fluid used: Water 02 Air 01
Drilling Mud 03 None 99

16. Drilling additives used? Yes No

Describe _____

17. Source of water (attach analysis): _____

E. Bentonite seal, top _____ ft. MSL or 0.6 ft.
F. Fine sand, top _____ ft. MSL or 13.0 ft.
G. Filter pack, top _____ ft. MSL or 15.0 ft.
H. Screen joint, top _____ ft. MSL or 17.0 ft.
I. Well bottom _____ ft. MSL or 32.0 ft.
J. Filter pack, bottom _____ ft. MSL or 38.0 ft.
K. Borehole, bottom _____ ft. MSL or 38.0 ft.
L. Borehole, diameter 6.0 in.
M. O.D. well casing 2.37 in.
N. I.D. well casing 2.01 in.



1. Cap and lock? Yes No

2. Protective cover pipe:
a. Inside diameter: 4.0 in.
b. Length: 7.0 ft.
c. Material: Steel 04
Other
d. Additional protection? Yes No
If yes, describe: _____

3. Surface seal: Bentonite 30
Concrete 01
Other

4. Material between well casing and protective pipe:
Bentonite 30
Annular space seal
Other

5. Annular space seal:
a. Granular Bentonite 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry 35
c. _____ Lbs/gal mud weight ... Bentonite slurry 31
d. _____ % Bentonite ... Bentonite-cement grout 50
e. _____ Ft³ volume added for any of the above
f. How installed: Tremie 01
Tremie pumped 02
Gravity 08

6. Bentonite seal:
a. Bentonite granules 33
b. 1/4 in. 3/8 in. 1/2 in. Bentonite pellets 32
c. Other

7. Fine sand material: Manufacturer, product name & mesh size
a. Badger #7
b. Volume added _____ ft³

8. Filter pack material: Manufacturer, product name and mesh size
a. American Materials #30
b. Volume added _____ ft³

9. Well casing: Flush threaded PVC schedule 40 23
Flush threaded PVC schedule 80 24
Other

10. Screen material: PVC
a. Screen type: Factory cut 11
Continuous slot 01
Other
b. Manufacturer Northern Air
c. Slot size: 0.010 in.
d. Slotted length: 15.0 ft.

11. Backfill material (below filter pack): None 14
Other

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Don Thalacker Firm: WTD Environmental Drilling

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than \$10, nor more than \$5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than \$10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.



CLIENT: DELTA ENV. CONSULTANTS, INC.
SAMPLE #: 15175 REPORT DATE: 02/09/93
PROJECT #: 91467.00 COLLECTION DATE: 01/20/93
WORK ORDER #: 930121-9146700 STATION ID: DMW-9
WI DNR LAB ID: 113138520 SAMPLE COLLECTOR: TAL

INORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Arsenic, dissolved	<3.0	ug/L
Chromium, dissolved	<2.0	ug/L
Copper, dissolved	3.1	ug/L

Kevin O'Neil 2/9/93
Approval Signature



PAGE: 1

CLIENT: DELTA ENV. CONSULTANTS, INC.
SAMPLE #: 93497
PROJECT #: 91467.00
WORK ORDER #: 920605-9146700
STATION ID: GWW201 *Weisenberger Well #2*
SAMPLE COLLECTOR: MP
METHOD: WDNR (4/92)
pH : PRESERVED

REPORT DATE: 06/25/92
COLLECTION DATE: 06/01/92
EXTRACTION DATE: 06/08/92
ANALYSIS DATE: 06/23/92
WI DNR LAB ID: 113138520

MODIFIED DIESEL RANGE ORGANICS REPORT

DNR #	PARAMETER	RESULT	METHOD DETECTION LIMIT	UNITS
=====	=====	=====	=====	=====
78919	Fuel Oil #2	<0.1	0.01	mg/L

Supervisor's signature



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Report Date: 09-17-92

RMT SAMPLE NO.

-----+
| 97801 |
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Client Name: DELTA ENVIRONMENTAL Project # : 91467.00

Matrix: (soil/water)	WATER	Field Sample ID:	GW202 PW-2
Sample wt/vol:	1000 (g/ml) ML	Lab File ID:	>PBD13
Level: (low/med)	LOW	Sampling Date:	08-21-92
GPC Cleanup: (Y/N)	N	Date Extracted:	08-28-92
Moisture:	--	Analysis Date:	08-29-92
Column: (pack/cap)	CAP	Dilution Factor:	1.00000

CAS NO.	COMPOUND	CONCENTRATION UNITS:UG/L		
		Conc.	EQL	Code
108-95-2	Phenol	10.		U
95-57-8	2-Chlorophenol	10.		U
95-48-7	2-Methylphenol	10.		U
106-44-5	4-Methylphenol	10.		U
88-75-5	2-Nitrophenol	10.		U
105-67-9	2,4-Dimethylphenol	10.		U
120-83-2	2,4-Dichlorophenol	10.		U
91-20-3	Naphthalene	10.		U
59-50-7	4-Chloro-3-methylphenol	10.		U
88-06-2	2,4,6-Trichlorophenol	10.		U
95-95-4	2,4,5-Trichlorophenol	50.		U
208-96-8	Acenaphthylene	10.		U
83-32-9	Acenaphthene	10.		U
51-28-5	2,4-Dinitrophenol	50.		U
100-02-7	4-Nitrophenol	50.		U
86-73-7	Fluorene	10.		U
534-52-1	4,6-Dinitro-2-methylphenol	50.		U
87-86-5	Pentachlorophenol	50.		U
85-01-8	Phenanthrene	10.		U
120-12-7	Anthracene	10.		U
206-44-0	Fluoranthene	10.		U
129-00-0	Pyrene	10.		U
56-55-3	Benzo(a)anthracene	10.		U
218-01-9	Chrysene	10.		U
205-99-2	Benzo(b)fluoranthene	10.		U
207-08-9	Benzo(k)fluoranthene	10.		U
50-32-8	Benzo(a)pyrene	10.		U
193-39-5	Indeno(1,2,3-cd)pyrene	10.		U
53-70-3	Dibenz(a,h)anthracene	10.		U
191-24-2	Benzo(g,h,i)perylene	10.		U

Joseph J. Kubale
 JOSEPH J. KUBALE, ORGANIC SUPERVISOR



CLIENT: DELTA ENV. CONSULTANTS, INC.

SAMPLE #: 93497

REPORT DATE: 06/29/92

PROJECT #: 91467.00

COLLECTION DATE: 06/01/92

WORK ORDER #: 920605-9146700

STATION ID: GWW201 Weisenberger Well 2

SAMPLE COLLECTOR: MP

VOLATILE ORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Chlorobenzene	<1.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
Ethylbenzene	<1.0	ug/L
Xylene, total	<3.0	ug/L
Styrene	<1.0	ug/L
Isopropylbenzene	<1.0	ug/L
Bromoform	<2.0	ug/L
1,1,2,2-Tetrachloroethane	<2.0	ug/L
1,2,3-Trichloropropane	<1.0	ug/L
n-Propylbenzene	<1.0	ug/L
Bromobenzene	<1.0	ug/L
1,3,5-Trimethylbenzene	<1.0	ug/L
2-Chlorotoluene	<1.0	ug/L
4-Chlorotoluene	<1.0	ug/L
tert-Butylbenzene	<1.0	ug/L
1,2,4-Trimethylbenzene	<1.0	ug/L
sec-Butylbenzene	<1.0	ug/L
p-Isopropyltoluene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
n-Butylbenzene	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,2-Dibromo-3-chloropropane	<1.0	ug/L
1,2,4-Trichlorobenzene	<1.0	ug/L
Hexachlorobutadiene	<1.0	ug/L
Naphthalene	<10	ug/L
1,2,3-Trichlorobenzene	<1.0	ug/L

Mark A. Mieritz
Mark Mieritz, Organic Supervisor



CLIENT: DELTA ENV. CONSULTANTS, INC.

SAMPLE #: 93497

PROJECT #: 91467.00

WORK ORDER #: 920605-9146700

REPORT DATE: 06/29/92

COLLECTION DATE: 06/01/92

STATION ID: GWW201 Weisenberger Well 2

SAMPLE COLLECTOR: MP

VOLATILE ORGANIC ANALYSIS REPORT

PARAMETER =====	RESULT =====	UNITS =====
Dichlorodifluoromethane	<2.0	ug/L
Chloromethane	<1.0	ug/L
Vinyl chloride	<1.0	ug/L
Bromomethane	<2.0	ug/L
Chloroethane	<1.0	ug/L
Fluorotrichloromethane	<1.0	ug/L
1,1-Dichloroethene	<1.0	ug/L
Methylene chloride	<1.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
2,2-Dichloropropane	<1.0	ug/L
cis-1,2-Dichloroethene	<1.0	ug/L
Chloroform	<1.0	ug/L
Bromochloromethane	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1-Dichloropropene	<1.0	ug/L
Carbon tetrachloride	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
Benzene	<1.0	ug/L
Trichloroethene	<1.0	ug/L
1,2-Dichloropropane	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
Toluene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,3-Dichloropropane	<1.0	ug/L
Chlorodibromomethane	<2.0	ug/L
1,2-Dibromoethane	<1.0	ug/L